

## IEEE Project Domains 2022 - 2023

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**We can help you to develop the Project with  
your Own Concepts or Ideas**

## IEEE Android Domain Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
1	AND-22-0001	Computation Offloading and Service Caching for Mobile Edge Computing Under Personalized Service Preference *		2022
2	AND-22-0002	DAGBased Smart Contract for Dynamic 6G Wireless EVs Charging System *		2022
3	AND-22-0003	Toward Efficient Computing for Robotics From a Circuit and System View *		2022
4	AND-22-0004	Generation of Real Datasets for Network Simulation *		2022
5	AND-22-0005	An Overview of Signal Processing Techniques for RISIRSAided Wireless Systems *		2022
6	AND-22-0006	HAMECRSMA Enhanced Aerial Computing Systems With Rate Splitting Multiple Access		2022
7	AND-22-0007	Characterization of Semantic Segmentation Models on Mobile Platforms for SelfNavigation in DisasterStruck Zones		2022
8	AND-22-0008	Cooperative NOMAMEC With Helper Scheduling *		2022
9	AND-22-0009	FAM Featuring Android Malware for Deep LearningBased Familial Analysis		2022
10	AND-22-0010	Joint Wireless Resource and Computation Offloading Optimization for Energy Efficient Internet of Vehicles		2022
11	AND-22-0011	Efficient Joint DOA and TOA Estimation for Indoor Positioning With 5G Picocell Base Stations *		2022
12	AND-22-0012	SDNBased Service Mobility Management in MECEnabled 5G and Beyond Vehicular Networks *		2022
13	AND-22-0013	Collaborative Resource Sharing Game Based CloudEdge Offload Computing Orchestration Scheme		2022
14	AND-22-0014	MobilityAware Offloading and Resource Allocation for Distributed Services Collaboration *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
15	AND-22-0015	Quest PrivacyPreserving Monitoring of Network Data A System for Organizational Response to Pandemics *		2022
16	AND-22-0016	Microservice Deployment in Edge Computing Based on Deep Q Learning *		2022
17	AND-22-0017	An MECEnabled Framework for Task Offloading and Power Allocation in NOMA Enhanced ABSAssisted VANETs *		2022
18	AND-22-0018	Federated Transfer Learning With Client Selection for Intrusion Detection in Mobile Edge Computing *		2022
19	AND-22-0019	Joint Optimization of Trajectory Task Offloading and CPU Control in UAVAssisted Wireless Powered Fog Computing Networks *		2022
20	AND-22-0020	Deoptfuscator Defeating Advanced ControlFlow Obfuscation Using Android Runtime ART		2022
21	AND-22-0021	On the System Performance of Mobile Edge Computing in an Uplink NOMA WSN With a Multiantenna Access Point Over Nakagamim Fading *		2022
22	AND-22-0022	Exploiting Feature Selection in Human Activity Recognition Methodological Insights and Empirical Results Using Mobile Sensor Data		2022
23	AND-22-0023	Integrated Resource Allocation and Task Scheduling for FullDuplex Mobile Edge Computing *		2022
24	AND-22-0024	Residual Energy Maximization for Wireless Powered Mobile Edge Computing Systems With MixedOffloading *		2022
25	AND-22-0025	CITISEN A Deep LearningBased Speech SignalProcessing Mobile Application		2022
26	AND-22-0026	The Influence Mechanism of Social Interactions on Online Purchasing Intention of Mobile Social Users in a LowTrust Business Environment		2022
27	AND-22-0027	A 3D GeometryBased THz Channel Model for 6G Ultra Massive MIMO Systems *		2022
28	AND-22-0028	Digital TwinAided Intelligent Offloading With Edge Selection in Mobile Edge Computing *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
29	AND-22-0029	Enhanced Air Quality Inference via MultiView Learning With Mobile Sensing Memory		2022
30	AND-22-0030	Smart Grid Enabled Computation Offloading and Resource Allocation for SWIPTBased MEC System *		2022
31	AND-22-0031	Average Age of Information in Wireless Powered Mobile Edge Computing System *		2022
32	AND-22-0032	A Survey on Mobile Learning for Adult Learners StateoftheArt Taxonomy and Challenges		2022
33	AND-22-0033	SMASG Secure Mobile Authentication Scheme for Global Mobility Network		2022
34	AND-22-0034	Energy Minimization for Intelligent Reflecting SurfaceAssisted Mobile Edge Computing *		2022
35	AND-22-0035	Sensing Eating Events in Context A SmartphoneOnly Approach		2022
36	AND-22-0036	Mo3 A Modular Mobility Model for Future Generation Mobile Wireless Networks		2022
37	AND-22-0037	6G RD vision Requirements and candidate technologies		2022
38	AND-22-0038	Reinforcement Learning for Motion Policies in Mobile Relaying Networks *		2022
39	AND-22-0039	Private and EnergyEfficient Decision TreeBased Disease Detection for ResourceConstrained Medical Users in Mobile Healthcare Network		2022
40	AND-22-0040	Online Cognitive Data Sensing and Processing Optimization in EnergyHarvesting Edge Computing Systems *		2022
41	AND-22-0041	Calibrated Bandit Learning for Decentralized Task Offloading in UltraDense Networks *		2022
42	AND-22-0042	Orchestration of MEC Computation Jobs and Energy Consumption Challenges in 5G and Beyond		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
43	AND-22-0043	Edge IntelligenceBased UltraReliable and LowLatency Communications for Digital TwinEnabled Metaverse *		2022
44	AND-22-0044	Mobile Augmented Reality Based on Multimodal Inputs for Experiential Learning		2022
45	AND-22-0045	A Systematic Review on Technologies and Applications in Smart Campus A HumanCentered Case Study		2022
46	AND-22-0046	NOMAAEnabled Computation and Communication Resource Trading for a MultiUser MEC System *		2022
47	AND-22-0047	BitSNet BitSparse Deep Neural Network for EnergyEfficient RRAMBased ComputelnMemory *		2022
48	AND-22-0048	Field Trial of a 5G NonTerrestrial Network Using OpenAirInterface		2022
49	AND-22-0049	GreenEdge Joint Green Energy Scheduling and Dynamic Task Offloading in MultiTier Edge Computing Systems *		2022
50	AND-22-0050	Multiobjective Oriented Task Scheduling in Heterogeneous Mobile Edge Computing Networks *		2022
51	AND-22-0051	HeteFL NetworkAware Federated Learning Optimization in Heterogeneous MECEnabled Internet of Things *		2022
52	AND-22-0052	Optimization of Workload Balancing and Power Allocation for Wireless Distributed Computing *		2022
53	AND-22-0053	MultiLayer Computation Offloading in Distributed Heterogeneous Mobile Edge Computing Networks *		2022
54	AND-22-0054	ShareOn Shared Resource Dynamic Container Migration Framework for RealTime Support in Mobile Edge Clouds		2022
55	AND-22-0055	Delay Aware Secure Offloading for NOMAAssisted Mobile Edge Computing in Internet of Vehicles *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
56	AND-22-0056	Outdated Access Point Selection for Mobile Edge Computing With Cochannel Interference *		2022
57	AND-22-0057	Identification and Analysis of a Unique Cell Selection Phenomenon in Public Unlicensed Cellular Networks Through Machine Learning		2022
58	AND-22-0058	Online NextBestView Planner for 3DExploration and Inspection With a Mobile Manipulator Robot *		2022
59	AND-22-0059	Toward a Secure and Usable User Authentication Mechanism for Mobile Passenger ID Devices for LandSea Border Control		2022
60	AND-22-0060	A Stackelberg GameBased Dynamic Resource Allocation in Edge Federated 5G Network		2022
61	AND-22-0061	Distributed Target Tracking in Sensor Networks by Consistency Algorithm and Semantic Moving Computing of Internet of Things		2022
62	AND-22-0062	DGNSS Cooperative Positioning in Mobile Smart Devices A Proof of Concept		2022
63	AND-22-0063	Deep Reinforcement Learning Based Latency Minimization for Mobile Edge Computing With Virtualization in Maritime UAV Communication Network *		2022
64	AND-22-0064	A Framework for Mobile Learning Acceptance Amongst Formal PartTime Learners From the Andragogy Perspective		2022
65	AND-22-0065	A Heterogeneous InMemory Computing Cluster for Flexible EndtoEnd Inference of RealWorld Deep Neural Networks *		2022
66	AND-22-0066	A Novel Joint Dataset and Incentive Management Mechanism for Federated Learning Over MEC		2022
67	AND-22-0067	PoVRPoint Authoring Presentations in Mobile Virtual Reality *		2022
68	AND-22-0068	Flow Assignment and Processing on a Distributed Edge Computing Platform *		2022
69	AND-22-0069	LargeScale Assessment of Mobile Crowdsensed Data A Case Study		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
70	AND-22-0070	An Automated VisionBased Deep Learning Model for Efficient Detection of Android Malware Attacks		2022
71	AND-22-0071	A SemiSupervised Reservoir Computing System Based on Tapered Whisker for Mobile Robot Terrain Identification and Roughness Estimation *		2022
72	AND-22-0072	An Intelligent LowComplexity Computing Interleaving Wavelet Scattering Based Mobile Shuffling Network for Acoustic Scene Classification		2022
73	AND-22-0073	Neural Networks for EnergyEfficient Self Optimization of eNodeB Antenna Tilt in 5G Mobile Network Environments		2022
74	AND-22-0074	Linear Error Correction Codec Implementation Based on an InMemory Computing Architecture for Nonvolatile Memories *		2022
75	AND-22-0075	Energy and QualityAware Task Offloading for WebVR Service in TerminalAided Mobile Edge Network *		2022
76	AND-22-0076	Constrained MultiObjective Optimization for UAVEnabled Mobile Edge Computing Offloading Optimization and Path Planning *		2022
77	AND-22-0077	Monitoring Platform Evolution Toward Serverless Computing for 5G and Beyond Systems *		2022
78	AND-22-0078	An Overview of Massive MIMO for 5G and 6G *		2022
79	AND-22-0079	PrivacyPreserving Coded Mobile Edge Computing for LowLatency Distributed Inference *		2022
80	AND-22-0080	Workload Balancing in Mobile Edge Computing for Internet of Things A Population Game Approach *		2022
81	AND-22-0081	Joint Optimization of Edge Computing Server Deployment and User Offloading Associations in Wireless Edge Network via a Genetic Algorithm *		2022
82	AND-22-0082	Joint Resource Allocation and MultiPart Collaborative Task Offloading in MEC Systems *		2022

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83	AND-22-0083	Deep Reinforcement LearningBased EnergyEfficient Edge Computing for Internet of Vehicles *		2022
84	AND-22-0084	Joint Program Partitioning and Resource Allocation for Completion Time Minimization in MultiMEC Systems *		2022
85	AND-22-0085	Server Deployment and Load Balancing in Stochastic Mobile Edge Computing Networks *		2022
86	AND-22-0086	GPUAccelerated Incremental Euclidean Distance Transform for Online Motion Planning of Mobile Robots *		2022
87	AND-22-0087	Federated Deep Reinforcement Learning for Online Task Offloading and Resource Allocation in WPCMEC Networks		2022
88	AND-22-0088	A MultiUser Tasks Offloading Scheme for Integrated EdgeFogCloud Computing Environments *		2022
89	AND-22-0089	Potentials and Prospects of Bicycle Sharing System in Smart Cities A Review *		2022
90	AND-22-0090	Reconfigurable Intelligent SurfaceAssisted Secure Mobile Edge Computing Networks *		2022
91	AND-22-0091	Edge Computing and MultipleAssociation in UltraDense Networks Performance Analysis *		2022
92	AND-22-0092	Delay Analysis of Mobile Edge Computing Using Poisson Cluster Process Modeling A Stochastic Network Calculus Perspective *		2022
93	AND-22-0093	Protecting Location Privacy of Users Based on Trajectory Obfuscation in Mobile Crowdsensing *		2022
94	AND-22-0094	A Heuristic for Load Distribution on Data Center Hierarchy A MEC Approach		2022
95	AND-22-0095	Temporary Migration Flow Inference and Analysis From Perspective of Mobile Phone Network Data		2022
96	AND-22-0096	Efficient Mobile Crowdsourcing for Environmental Noise Monitoring		2022

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97	AND-22-0097	Cooperative Task Offloading and Content Delivery for Heterogeneous Demands A Matching GameTheoretic Approach *		2022
98	AND-22-0098	SDGNet A HandoverAware Spatiotemporal Graph Neural Network for Mobile Traffic Forecasting *		2022
99	AND-22-0099	Reducing Power Consumption for Autonomous Ground Vehicles via Resource Allocation Based on Road Segmentation in V2XMEC With Resource Constraints *		2022
100	AND-22-0100	Community Clustering Routing Algorithm Based on Information Entropy in Mobile Opportunity Network		2022
101	AND-22-0101	A GameTheoretic Approach for Increasing Resource Utilization in Edge Computing Enabled Internet of Things		2022
102	AND-22-0102	Energy Consumption and Sustainable Services in Intelligent Reflecting Surface and Unmanned Aerial VehiclesAssisted MEC System for LargeScale Internet of Things Devices *		2022
103	AND-22-0103	TrustBased MultiAgent Imitation Learning for Green Edge Computing in Smart Cities *		2022
104	AND-22-0104	A Novel Tensor Completion Based Indoor Positioning Fingerprint Recovery Method in Mobile Crowdsensing Networks *		2022
105	AND-22-0105	Embedded Intelligence StateoftheArt and Research Challenges		2022
106	AND-22-0106	Beyond 5G Reducing the handover rate for high mobility communications		2022
107	AND-22-0107	POTAM A Parallel Optimal Task Allocation Mechanism for LargeScale Delay Sensitive Mobile Edge Computing *		2022
108	AND-22-0108	Dynamic Service Migration and Request Routing for Microservice in Multicell MobileEdge Computing *		2022
109	AND-22-0109	Applications of Artificial Intelligence to Detect Android Botnets A Survey		2022
110	AND-22-0110	A Survey of Vehicular Network Systems for Road Traffic Management		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
111	AND-22-0111	A Tapered WhiskerBased Physical Reservoir Computing System for Mobile Robot Terrain Identification in Unstructured Environments *		2022
112	AND-22-0112	Joint Offloading and Resource Allocation Using Deep Reinforcement Learning in Mobile Edge Computing *		2022
113	AND-22-0113	Legitimate Surveillance of Suspicious Computation Offloading in Mobile Edge Computing Networks *		2022
114	AND-22-0114	A LoadBalanced and EnergyEfficient Navigation Scheme for UAVMounted Mobile Edge Computing *		2022
115	AND-22-0115	Joint Optimizations of Relays Locations and Decision Threshold for MultiHop Diffusive Mobile Molecular Communication With Drift *		2022
116	AND-22-0116	Computation Efficiency Optimization for RISAssisted MillimeterWave Mobile Edge Computing Systems *		2022
117	AND-22-0117	Fairness and Efficiency in Stochastic BufferAided RelayAssisted MEC *		2022
118	AND-22-0118	EnergyEfficient Computation Offloading in Mobile Edge Computing Systems With Uncertainties *		2022
119	AND-22-0119	Interference Aware Cooperative Routing for Edge ComputingEnabled 5G Networks *		2022
120	AND-22-0120	Delay Optimization in Mobile Edge Computing Cognitive UAVAssisted eMBB and mMTC Services *		2022
121	AND-22-0121	DelayOptimal and IncentiveAware Computation Offloading for Reconfigurable Intelligent SurfaceAssisted Mobile Edge Computing *		2022
122	AND-22-0122	PrivacyPreserving Distributed Similarity Retrieval of Large CT Image Sequence Database in Mobile Telemedicine Networks		2022
123	AND-22-0123	Joint Offloading Decision and Resource Allocation for Vehicular FogEdge Computing Networks A ContractStackelberg Approach *		2022

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124	AND-22-0124	MultiStakeholder Service Placement via Iterative Bargaining With Incomplete Information *		2022
125	AND-22-0125	Adaptive Digital Twin for Vehicular Edge Computing and Networks *		2022
126	AND-22-0126	Multistep Predictions for Adaptive Sampling in Mobile Robotic Sensor Networks Using Proximal ADMM		2022
127	AND-22-0127	Unifying Futures and Spot Market OverbookingEnabled Resource Trading in Mobile Edge Networks *		2022
128	AND-22-0128	Mobile Application Usability Evaluation A Study Based on Demography		2022
129	AND-22-0129	A Stackelberg Game Approach for Managing AI Sensing Tasks in Mobile Crowdsensing		2022
130	AND-22-0130	iCOS A Deep Reinforcement Learning Scheme for WirelessCharged MEC Networks *		2022
131	AND-22-0131	Multiobjective Edge Server Placement in MobileEdge Computing Using a Combination of Multiagent Deep QNetwork and Coral Reefs Optimization *		2022
132	AND-22-0132	Heterogeneous Computation and Resource Allocation for Wireless Powered Federated Edge Learning Systems *		2022
133	AND-22-0133	Joint Parallel Offloading and Load Balancing for CooperativeMEC Systems With Delay Constraints *		2022
134	AND-22-0134	An Inexpensive Autonomous Mobile Robot for Undergraduate Education Integration of Arduino and Hokuyo Laser Range Finders		2022
135	AND-22-0135	A Particle Swarm Optimization With Lvy Flight for Service Caching and Task Offloading in EdgeCloud Computing		2022
136	AND-22-0136	Automated Deployment of Virtual Network Function in 5G Network Slicing Using Deep Reinforcement Learning		2022
137	AND-22-0137	A Secure User Authentication Protocol for Heterogeneous Mobile Environments		2022

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138	AND-22-0138	Distributed Machine Learning for Multiuser Mobile Edge Computing Systems *		2022
139	AND-22-0139	MAESTRO Orchestrating Computational Offloading to Multiple FemtoClouds in Various Communication Environments		2022
140	AND-22-0140	New GameTheoretic Approach to Decentralized Path Selection and Sleep Scheduling for Mobile Edge Computing *		2022
141	AND-22-0141	EnergyEfficiency Computation Offloading Strategy in UAV Aided V2X Network With Integrated Sensing and Communication		2022
142	AND-22-0142	MultiAccess Edge ComputingBased VehicleVehicleRSU Data Offloading Over the MultiRSUOverlapped Environment		2022
143	AND-22-0143	A Novel Joint Dataset and Computation Management Scheme for EnergyEfficient Federated Learning in Mobile Edge Computing *		2022
144	AND-22-0144	Mobile Communications Computing and Caching Resources Allocation for Diverse Services via MultiObjective Proximal Policy Optimization *		2022
145	AND-22-0145	MultiAgent Deep Reinforcement Learning for Task Offloading in UAVAssisted Mobile Edge Computing *		2022
146	AND-22-0146	On the Data Freshness for Industrial Internet of Things With MobileEdge Computing *		2022
147	AND-22-0147	A Mobile Gesture Interaction Method for Augmented Reality Games Using Hybrid Filters *		2022
148	AND-22-0148	LTrack A LoRaBased Indoor Tracking System for Mobile Robots *		2022
149	AND-22-0149	Joint Optimization of Privacy and Cost of inApp Mobile User Profiling and Targeted Ads		2022
150	AND-22-0150	Analysis of Local Trajectory Planners for Mobile Robot with Robot Operating System *		2022

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1	ARI-22-0001	1083 Tbs Over 800 Km Nonlinear Frequency Division Multiplexing WDM Transmission *		2022
2	ARI-22-0002	Prediction of Network Traffic in Wireless Mesh Networks Using Hybrid Deep Learning Model		2022
3	ARI-22-0003	Moderately Multispikes Return Neural Network for SDN Accurate Traffic Awareness in Effective 5G Network Slicing		2022
4	ARI-22-0004	GAN for Load Estimation and TrafficAware Network Selection for 5G Terminals *		2022
5	ARI-22-0005	A Convolutional Neural Network and Graph Convolutional Network Based Framework for Classification of Breast Histopathological Images *		2022
6	ARI-22-0006	Topological Graph Convolutional Network Based on Complex Network Characteristics		2022
7	ARI-22-0007	TaskState EEG Signal Classification for Spatial Cognitive Evaluation Based on Multiscale HighDensity Convolutional Neural Network		2022
8	ARI-22-0008	Distributed Control With Heterogeneous Gains for Signed Networks AnHMatrix Approach *		2022
9	ARI-22-0009	LowBitwidth Convolutional Neural Networks for Wireless Interference Identification *		2022
10	ARI-22-0010	Transmission Failure Analysis of MultiProtection Routing in Data Center Networks With Heterogeneous EdgeCore Servers *		2022
11	ARI-22-0011	DisasterResilient and DistanceAdaptive Services Provisioning in Elastic Optical InterData Center Networks *		2022
12	ARI-22-0012	Inferring Topology of Networks With Hidden Dynamic Variables		2022
13	ARI-22-0013	SOA Assisted Wavelength Reusing for 25G Colorless PON With LowCost 10G EAM		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
14	ARI-22-0014	A SelfSupervised Learning Based Channel Attention MLP Mixer Network for Motor Imagery Decoding		2022
15	ARI-22-0015	PilotTone Assisted Successive Interference Cancellation for Uplink Power and FrequencyDivision Multiplexing Passive Optical Network *		2022
16	ARI-22-0016	Optimized Reception Sensitivity of WBAN Sensors Exploiting Network Coding and Modulation Techniques in an Advanced NBloT		2022
17	ARI-22-0017	TurboNet Faithfully Emulating Networks With Programmable Switches *		2022
18	ARI-22-0018	Service Function Chaining Embedding in Hybrid OpticalElectronic Networks *		2022
19	ARI-22-0019	Estimating Network Components PDL Using Performance Statistical Measurements *		2022
20	ARI-22-0020	SelfSupervised BiChannel Transformer Networks for ComputerAided Diagnosis *		2022
21	ARI-22-0021	CDMR Effective ComputingDependent MultiPath Routing Strategies in Satellite and Terrestrial Integrated Networks *		2022
22	ARI-22-0022	A MetaLearningAssisted Training Framework for Physical Layer Modeling in Optical Networks *		2022
23	ARI-22-0023	Modeling and Analysis of Opinion Dynamics in Social Networks Using MultiplePopulation Mean Field Games *		2022
24	ARI-22-0024	A High Static Performance Hierarchical ThreeDimensional Shifted Completely Connected Network		2022
25	ARI-22-0025	Remote Proximity Sensing With a Novel QLearning in Bluetooth Low Energy Network *		2022
26	ARI-22-0026	A Discrete MothFlame Optimization With an l2Norm Constraint for Network Clustering *		2022
27	ARI-22-0027	TechnoEconomic Analysis of 5G NonPublic Network Architectures		2022

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28	ARI-22-0028	Deep Reinforcement LearningBased Routing on SoftwareDefined Networks		2022
29	ARI-22-0029	Dynamic SDNBased Radio Access Network Slicing With Deep Reinforcement Learning for URLLC and eMBB Services *		2022
30	ARI-22-0030	Demonstration of MLAssisted SoftFailure Localization Based on Network Digital Twins *		2022
31	ARI-22-0031	DeepReinforcementLearningBased Optimal Transmission Policies for Opportunistic UAVAided Wireless Sensor Network *		2022
32	ARI-22-0032	Heterogeneous Information Network Representation Learning Incorporating Community Structure		2022
33	ARI-22-0033	Dynamic Routing Protocol Selection in MultiHop DevicetoDevice Wireless Networks *		2022
34	ARI-22-0034	Multiattribute Access Selection Algorithm for Heterogeneous Wireless Networks Based on Fuzzy Network Attribute Values		2022
35	ARI-22-0035	Dynamic Virtual Topology Aided Networking and Routing for Aeronautical AdHoc Networks *		2022
36	ARI-22-0036	On the Bilevel Optimization for Remapping Virtual Networks in an HOEDCN *		2022
37	ARI-22-0037	Distributed Filtering for Complex Networks Under Multiple EventTriggered Transmissions Within NodeWise Communications *		2022
38	ARI-22-0038	Searching for Best Network Topologies with Optimal Synchronizability A Brief Review *		2022
39	ARI-22-0039	Green Intelligence Networking for Connected and Autonomous Vehicles in Smart Cities *		2022
40	ARI-22-0040	Controllability Robustness of HennebergGrowth Complex Networks		2022
41	ARI-22-0041	Multiple Description Coding for Enhancing Outage and Video Performance Over RelayAssisted Cognitive Radio Networks		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
42	ARI-22-0042	Mapping the VNFs and VLs of a RAN Slice Onto Intelligent PoPs in Beyond 5G Mobile Networks		2022
43	ARI-22-0043	A Dynamic Handover SoftwareDefined Transmission Control Scheme in SpaceAirGround Integrated Networks *		2022
44	ARI-22-0044	Extraction of AMCC Signal Superposed by SOAIntegrated EADFB Laser for InService Monitoring in AllPhotonics Network *		2022
45	ARI-22-0045	Path Loss Modeling for Wireless Network Deployment in Water Surface Environments *		2022
46	ARI-22-0046	Ultralow Complexity Long ShortTerm Memory Network for Fiber Nonlinearity Mitigation in Coherent Optical Communication Systems *		2022
47	ARI-22-0047	A Novel NetworkNodeEmbedded Network Cognition Model Based on Knowledge Module for Strengthening the Thinking Capability of Intelligent Network *		2022
48	ARI-22-0048	Networked Knowledge and Complex Networks An Engineering View *		2022
49	ARI-22-0049	Interferenceaware path planning optimization for multiple UAVs in beyond 5G networks		2022
50	ARI-22-0050	Partial Controllability of Network Dynamical Systems With Unilateral Inputs *		2022
51	ARI-22-0051	NeuralNetworkBased Filtering for A General Class of Nonlinear Systems under Dynamically Bounded Innovations Over Sensor Networks *		2022
52	ARI-22-0052	EnergySaving Deployment Optimization and Resource Management for UAVAssisted Wireless Sensor Networks With NOMA *		2022
53	ARI-22-0053	Decentralized SelfOrganizing Networks for Poor Reconfigurability of Loom Networks		2022
54	ARI-22-0054	HARS A HighAvailable and ResourceSaving Service Function Chain Placement Approach in Data Center Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
55	ARI-22-0055	Network Selection Based on Evolutionary Game and Deep Reinforcement Learning in SpaceAirGround Integrated Network *		2022
56	ARI-22-0056	QoS Guaranteed Network Slicing Orchestration for Internet of Vehicles *		2022
57	ARI-22-0057	FaultTolerant Embedding Algorithm for Node Failure in Airborne Tactical Network Virtualization		2022
58	ARI-22-0058	SNR ReVerificationBased Routing Band Modulation and Spectrum Assignment in Hybrid CCL Optical Networks *		2022
59	ARI-22-0059	CSI Feedback Based on Complex Neural Network for Massive MIMO Systems		2022
60	ARI-22-0060	Investigating miRNAmRNA Interactions and Gene Regulatory Networks From VTA Dopaminergic Neurons Following Perinatal Nicotine and Alcohol Exposure Using Bayesian Network Analysis *		2022
61	ARI-22-0061	DQRA Deep Quantum Routing Agent for Entanglement Routing in Quantum Networks		2022
62	ARI-22-0062	EpidemicLike Calcium Signaling in Mobile Molecular Communication Networks *		2022
63	ARI-22-0063	Landslide Risk Prediction Model Using an AttentionBased Temporal Convolutional Network Connected to a Recurrent Neural Network		2022
64	ARI-22-0064	On the Statistical Delay Performance of LargeScale IoT Networks *		2022
65	ARI-22-0065	SoftwareDefined Networking Meets SoftwareDefined Radio in Mobile ad hoc Networks State of the Art and Future Directions		2022
66	ARI-22-0066	Weighted NSFIB Aggregation With Generalized Next Hop of Strict Partial Order *		2022
67	ARI-22-0067	Effective Flow Table Space Management Using PolicyBased Routing Approach in Hybrid SDN Network		2022
68	ARI-22-0068	MobiRPL Adaptive robust and RSSIbased mobile routing in low power and lossy networks		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
69	ARI-22-0069	CGRBFnet A PhysicsInspired Generative Deep Neural Network for Channel Representation and Prediction *		2022
70	ARI-22-0070	Performance Evaluation of Mobility Robustness Optimization MRO in 5G Network With Various Mobility Speed Scenarios		2022
71	ARI-22-0071	Energy Efficient Power Control for Cognitive MultibeamSatellite Terrestrial Networks With Poisson Distributed Users *		2022
72	ARI-22-0072	UserCentric Cooperative TransmissionsEnabled Handover for UltraDense Networks *		2022
73	ARI-22-0073	Performance and Complexity Analysis of Conventional and Deep Learning Equalizers for the HighSpeed IMDD PON *		2022
74	ARI-22-0074	Optimizing Packet Forwarding Performance in Multiband Relay Networks via Customized Reinforcement Learning		2022
75	ARI-22-0075	Topology Sensing of NonCollaborative Wireless Networks With Conditional Granger Causality *		2022
76	ARI-22-0076	Connectivity Probability Analysis for Green Cooperative Cognitive Vehicular Networks *		2022
77	ARI-22-0077	Efficient Algorithm Based on NonBacktracking Matrix for Community Detection in Signed Networks *		2022
78	ARI-22-0078	DeepqNetworksBased Adaptive DualMode EnergyEfficient Routing in Rechargeable Wireless Sensor Networks *		2022
79	ARI-22-0079	Throughput Maximization Leveraging JustEnough SNR Margin and Channel Spacing Optimization *		2022
80	ARI-22-0080	LowEnergy Clustering Protocol for QueryBased Wireless Sensor Networks *		2022
81	ARI-22-0081	Deep Reinforcement Learning Based Routing in IP Media Broadcast Networks Feasibility and Performance		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
82	ARI-22-0082	COVID19 Spread Simulation in a Crowd Intelligence Network		2022
83	ARI-22-0083	A Potential Game Approach for Decentralized Resource Coordination in Coexisting IVNs *		2022
84	ARI-22-0084	Hiding in Temporal Networks		2022
85	ARI-22-0085	BRFRL A Belief RuleBased Fault Recognition and Location Model for Bus Network Systems *		2022
86	ARI-22-0086	ProbabilisticForecastingBased Admission Control for Network Slicing in SoftwareDefined Networks *		2022
87	ARI-22-0087	Critical Links Detection in SpatialTemporal Airway Networks Using Complex Network Theories		2022
88	ARI-22-0088	Fusing Physics to Fiber Nonlinearity Model for Optical Networks Based on PhysicsGuided Neural Networks *		2022
89	ARI-22-0089	Hierarchically Reorganized MultiLayer Fuzzy Neural Networks Architecture Driven With the Aid of Node Selection Strategies and Structural Network Optimization		2022
90	ARI-22-0090	Virtual Optical Network Mapping Approaches in SpaceDivisionMultiplexing Elastic Optical Data Center Networks *		2022
91	ARI-22-0091	NetEC Accelerating Erasure Coding Reconstruction With InNetwork Aggregation *		2022
92	ARI-22-0092	A Novel Localization Approach for Irregular Wireless Sensor Networks Based on Anchor Segmentation *		2022
93	ARI-22-0093	Machine Learning Enables Radio Resource Allocation in the Downlink of UltraLow Latency Vehicular Networks		2022
94	ARI-22-0094	EntropyDriven Adaptive INT and Its Applications in Network Automation of IPOverEONs *		2022
95	ARI-22-0095	A Survivable Optical Network for WDM Access Against Fiber Breakpoint		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
96	ARI-22-0096	A MultiObjective Routing Mechanism for Energy Management Optimization in SDN MultiControl Architecture		2022
97	ARI-22-0097	Hierarchical Distribution Network Topology Formulation and Dimensionality Reduction Using Homeomorphism Transformation		2022
98	ARI-22-0098	Hybrid Regression Model for Link Dimensioning in SpectrallySpatially Flexible Optical Networks		2022
99	ARI-22-0099	Mobility Robustness Optimization in Future Mobile Heterogeneous Networks A Survey		2022
100	ARI-22-0100	Network Traffic Prediction Model Considering Road Traffic Parameters Using Artificial Intelligence Methods in VANET		2022
101	ARI-22-0101	An Exceeding Recovery Model for Enhancing Network Resilience Against Cascading Failures		2022
102	ARI-22-0102	Local Semantic Correlation Modeling Over Graph Neural Networks for Deep Feature Embedding and Image Retrieval *		2022
103	ARI-22-0103	Design of an Agile Training System Based on Wireless Mesh Network		2022
104	ARI-22-0104	Scheduling of Wireless Edge Networks for FeedbackBased Interactive Applications *		2022
105	ARI-22-0105	Deep Reinforcement LearningBased Routing and Spectrum Assignment of EONs by Exploiting GCN and RNN for Feature Extraction *		2022
106	ARI-22-0106	Continuous Network Update With Consistency Guaranteed in SoftwareDefined Networks *		2022
107	ARI-22-0107	A SoftwareDefined Networking Solution for Interconnecting Network Functions in ServiceBased Architectures		2022
108	ARI-22-0108	Dynamic DVQKD Networking in TrustedNodeFree SoftwareDefined Optical Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
109	ARI-22-0109	Feature Extraction Enabled Deep Learning From Specklegram for Optical Fiber Curvature Sensing *		2022
110	ARI-22-0110	Resilience in Multiplex Networks by Addition of CrossRepulsive Links *		2022
111	ARI-22-0111	Blackout Resilient Optical Core Network		2022
112	ARI-22-0112	Age of Information Modeling and Optimization for Fast Information Dissemination in Vehicular Social Networks *		2022
113	ARI-22-0113	Energy Resource Allocation for Green FiWi Network Using Ensemble Learning *		2022
114	ARI-22-0114	Optimal Backup Power Deployment for Communication Network With Interdependent Power Network		2022
115	ARI-22-0115	Federated Learning Over Multihop Wireless Networks With InNetwork Aggregation *		2022
116	ARI-22-0116	SDNEnabled MultiBand SBVT Within Disaggregated Optical Networks *		2022
117	ARI-22-0117	Analyzing Robustness of Complex Networks Against Incomplete Information *		2022
118	ARI-22-0118	Optimal Coverage and Connectivity in Industrial Wireless Mesh Networks Based on Harris Hawk Optimization Algorithm		2022
119	ARI-22-0119	DemandAware Network Design With Minimal Congestion and Route Lengths *		2022
120	ARI-22-0120	A Bound on Undirected MultipleUnicast Network Information Flow *		2022
121	ARI-22-0121	SNAG SDNManaged Network Architecture for GridFTP Transfers Using ApplicationAwareness *		2022
122	ARI-22-0122	FlexDRAN Flexible Centralization in Disaggregated Radio Access Networks		2022
123	ARI-22-0123	Dynamic resource allocation schemes for eMBB and URLLC services in 5G wireless networks		2022
124	ARI-22-0124	ITANS Incremental Task and Network Scheduling for TimeSensitive Networks		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
125	ARI-22-0125	WorstCase Latency Analysis for AVB Traffic Under OverlappingBased TimeTriggered Windows in TimeSensitive Networks		2022
126	ARI-22-0126	A Novel Average AutoencoderBased AmplifyandForward Relay Networks With Hardware Impairments *		2022
127	ARI-22-0127	Design Fabrication and Characterization of a Hybrid Bionic Spherical Robotics With Multilegged Feedback Mechanism *		2022
128	ARI-22-0128	Solving the Mesh Router Nodes Placement in Wireless Mesh Networks Using Coyote Optimization Algorithm		2022
129	ARI-22-0129	Configuring Protection Routing via Completely Independent Spanning Trees in Dense Gaussian OnChip Networks *		2022
130	ARI-22-0130	Research on Orbital Angular Momentum Different Modes Networking Method in Wireless Communication		2022
131	ARI-22-0131	GrangerFaithfulness and Link Orientation in Network Reconstruction *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
1	BIG-22-0001	Seismic SurfaceRelated Multiples Suppression Based on SAGAN *		2022
2	BIG-22-0002	Clustering Big Data Based on Distributed Fuzzy KMedoids An Application to Geospatial Informatics		2022
3	BIG-22-0003	WiGRUNT WiFiEnabled Gesture Recognition Using DualAttention Network *		2022
4	BIG-22-0004	Hyperspectral Image Classification of BrainInspired Spiking Neural Network Based on Attention Mechanism *		2022
5	BIG-22-0005	Stability and Hopf Bifurcation Analysis of a Continuous Neural Network With Mixed Delays		2022
6	BIG-22-0006	Digital Twin Perspective of Fourth Industrial and Healthcare Revolution		2022
7	BIG-22-0007	Extraction of Maize Leaf Base and Inclination Angles Using Terrestrial Laser Scanning TLS Data *		2022
8	BIG-22-0008	Unsupervised SingleScene Semantic Segmentation for Earth Observation		2022
9	BIG-22-0009	Deep Generative Models in the Industrial Internet of Things A Survey		2022
10	BIG-22-0010	An Optimized Sanitization Approach for Minalable Data Publication		2022
11	BIG-22-0011	Online Ground Multitarget Geolocation Based on 3D Map Construction Using a UAV Platform *		2022
12	BIG-22-0012	Distributed Architecture of Power Grid Asset Management and Future Research Directions		2022
13	BIG-22-0013	Parallel Algorithm of Improved FunkSVD Based on GPU		2022
14	BIG-22-0014	Circular Array of Endfire YagiUda Monopoles With a Full 360 Azimuthal Beam Scanning *		2022
15	BIG-22-0015	Research on CART Model of Mass Concrete Temperature Prediction Based on Big Data Processing Technology		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
16	BIG-22-0016	A CloudBased Framework for Agricultural Data Integration A TopDownBottomUp Approach		2022
17	BIG-22-0017	A Mini Tutorial of Processing in Memory From Principles Devices to Prototypes *		2022
18	BIG-22-0018	The Performance Optimization of Big Data Processing by Adaptive MapReduce Workflow		2022
19	BIG-22-0019	Comparison of Different Intercalibration Methods of Brightness Temperatures From FY3D and AMSR2 *		2022
20	BIG-22-0020	Hierarchical Prototype Refinement With Progressive InterCategorical Discrimination Maximization for FewShot Learning *		2022
21	BIG-22-0021	How to Protect Ourselves From Overlapping Community Detection in Social Networks *		2022
22	BIG-22-0022	Efficient Characterization Method for Big Automotive Datasets Used for Perception System Development and Verification		2022
23	BIG-22-0023	Blind False Data Injection Attacks Against State Estimation Based on Matrix Reconstruction *		2022
24	BIG-22-0024	An Domination based TwoArchive 2 Algorithm for ManyObjective Optimization		2022
25	BIG-22-0025	DualBranch Network for Cloud and Cloud Shadow Segmentation *		2022
26	BIG-22-0026	Diffraction Separation and Imaging Using an Improved Singular Value Decomposition Method *		2022
27	BIG-22-0027	An Intercomparison Study of Algorithms for SMAP Brightness Temperature Resolution Enhancement With or Without Information From AMSR2		2022
28	BIG-22-0028	SemiGAN An Improved GANBased Missing Data Imputation Method for the Semiconductor Industry		2022
29	BIG-22-0029	Learning to Continuously Optimize Wireless Resource in a Dynamic Environment A Bilevel Optimization Perspective *		2022

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30	BIG-22-0030	FeatureFL FeatureBased Fault Localization *		2022
31	BIG-22-0031	Generation of HighQuality Spaceborne Interrupted FMCW SAR Images via Singular Value ThresholdBased Matrix Completion *		2022
32	BIG-22-0032	HCNNet A Hybrid Convolutional Neural Network for Spatiotemporal Image Fusion		2022
33	BIG-22-0033	Estimating Intelligence Quotient Using Stylometry and Machine Learning Techniques A Review		2022
34	BIG-22-0034	Towards Efficient and Stable KAsynchronous Federated Learning With Unbounded Stale Gradients on NonIID Data *		2022
35	BIG-22-0035	A TriplePath SpectralSpatial Network With InterleaveAttention for Hyperspectral Image Classification		2022
36	BIG-22-0036	Fuzzy Discriminative Block Representation Learning for Image Feature Extraction *		2022
37	BIG-22-0037	From Easy to Hard Learning LanguageGuided Curriculum for Visual Question Answering on Remote Sensing Data		2022
38	BIG-22-0038	Compression of EMG Signals Using Deep Convolutional Autoencoders *		2022
39	BIG-22-0039	Data Boundary and Data Pricing Based on the Shapley Value		2022
40	BIG-22-0040	Near RealTime InSAR Deformation Time Series Estimation With Modified Kalman Filter and Sequential Least Squares		2022
41	BIG-22-0041	Adaptive Reversible Data Hiding With Contrast Enhancement Based on MultiHistogram Modification *		2022
42	BIG-22-0042	Toward a Systematic Survey on Wearable Computing for Education Applications *		2022
43	BIG-22-0043	QualityDriven EnergyEfficient Big Data Aggregation in WBANs *		2022
44	BIG-22-0044	Mapping Gridded Gross Domestic Product Distribution of China Using Deep Learning With Multiple Geospatial Big Data		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
45	BIG-22-0045	Pulse RFI Mitigation in Synthetic Aperture Radar Data via a ThreeStep Approach Location Notch and Recovery *		2022
46	BIG-22-0046	DoubleLayer KMeans Clustering Method for Evaluation of Dispatchable Potential of Massive Regional 5G Base Stations		2022
47	BIG-22-0047	Deploying Battery Swap Stations for Electric Freight Vehicles Based on Trajectory Data Analysis *		2022
48	BIG-22-0048	ForestCD Forest Change Detection Network Based on VHR Images *		2022
49	BIG-22-0049	SEN12MSCRTS A RemoteSensing Data Set for Multimodal Multitemporal Cloud Removal		2022
50	BIG-22-0050	Deep Learning in NetworkLevel Performance Prediction Using CrossLayer Information *		2022
51	BIG-22-0051	An Advanced Dirichlet Prior Network for OutofDistribution Detection in Remote Sensing		2022
52	BIG-22-0052	BlockchainBased PrivacyPreserving and Rewarding Private Data Sharing for IoT *		2022
53	BIG-22-0053	Ship Navigation Behavior Prediction Based on AIS Data		2022
54	BIG-22-0054	Joint Computation Offloading and Resource Allocation for MobileEdge Computing Assisted UltraDense Networks *		2022
55	BIG-22-0055	Recent Advances in Data Engineering for Networking		2022
56	BIG-22-0056	Enabling Efficient Distributed Spatial Join on Large Scale VectorRaster Data Lakes		2022
57	BIG-22-0057	Multitarget Domain Adaptation for Remote Sensing Classification Using Graph Neural Network		2022
58	BIG-22-0058	BCSNet Boundary Context and Semantic for Automatic COVID19 Lung Infection Segmentation From CT Images *		2022

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59	BIG-22-0059	CFJLNet Coarse and Fine Feature Joint Learning Network for Bone Age Assessment *		2022
60	BIG-22-0060	Fast 3D Visualization of Massive Geological Data Based on Clustering Index Fusion		2022
61	BIG-22-0061	Macroscopic Big Data Analysis and Prediction of Driving Behavior With an Adaptive Fuzzy Recurrent Neural Network on the Internet of Vehicles		2022
62	BIG-22-0062	FactDriven Abstractive Summarization by Utilizing MultiGranular MultiRelational Knowledge *		2022
63	BIG-22-0063	A Boundary Aware WiFi Localization Scheme Based on UMAP and KNN *		2022
64	BIG-22-0064	Blind and SemiBlind Channel EstimationEqualization for Poisson Channels in Optical Wireless Scattering Communication Systems *		2022
65	BIG-22-0065	Performance Optimization for Semantic Communications An AttentionBased Reinforcement Learning Approach *		2022
66	BIG-22-0066	MS4PS A MentorStudent Architecture for PatientSpecific Seizure Detection With Combination of Transfer Learning and Active Learning		2022
67	BIG-22-0067	Observation and Mitigation of Mutual RFI Between SAR Satellites A Case Study Between Chinese GaoFen3 and European Sentinel1A *		2022
68	BIG-22-0068	DataDriven Artificial Intelligence Recommendation Mechanism in Online Learning Resources		2022
69	BIG-22-0069	MultiScale Interactive Network With ArteryVein Discriminator for Retinal Vessel Classification *		2022
70	BIG-22-0070	NonContact Heartbeat Detection Based on Ballistocardiogram Using UNet and Bidirectional Long ShortTerm Memory *		2022
71	BIG-22-0071	SmartMeter Big Data for Load Forecasting An Alternative Approach to Clustering		2022
72	BIG-22-0072	Recommendation System with Biclustering		2022

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73	BIG-22-0073	Learning From Noisy Data An Unsupervised Random Denoising Method for Seismic Data Using ModelBased Deep Learning *		2022
74	BIG-22-0074	PCFed PrivacyEnhanced and CommunicationEfficient Federated Learning for Industrial IoTs *		2022
75	BIG-22-0075	Towards Big Data Security Framework by Leveraging Fragmentation and Blockchain Technology		2022
76	BIG-22-0076	Secure Efficient and Weighted Access Control for CloudAssisted Industrial IoT *		2022
77	BIG-22-0077	Local ReEncoding for Coded Matrix Multiplication		2022
78	BIG-22-0078	HiTDL HighThroughput Deep Learning Inference at the Hybrid Mobile Edge *		2022
79	BIG-22-0079	Object Detection in Driving Datasets Using a HighPerformance Computing Platform A Benchmark Study		2022
80	BIG-22-0080	A Novel Method Based on Kernel Density for Estimating Crown Base Height Using UAVBorne LiDAR Data *		2022
81	BIG-22-0081	Sets of WideGap FrequencyHopping Sequence With Optimal Maximum Hamming Correlation		2022
82	BIG-22-0082	A Big Data Analysis on Urban Mobility Case of Bangkok		2022
83	BIG-22-0083	AttentionBased Multiscale Sequential Network for PolSAR Image Classification *		2022
84	BIG-22-0084	MS2Net MultiScale and MultiStage Feature Fusion for Blurred Image SuperResolution *		2022
85	BIG-22-0085	Local Indiscernibility Relation Reduction for Information Tables		2022
86	BIG-22-0086	Embedding Pose Information for Multiview Vehicle Model Recognition *		2022
87	BIG-22-0087	LaF LatticeBased and CommunicationEfficient Federated Learning *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
88	BIG-22-0088	Remote Sensing Image Interpretation With Semantic GraphBased Methods A Survey		2022
89	BIG-22-0089	Performance of NoSQL Graph Implementations of Star vs Snowflake Schemas		2022
90	BIG-22-0090	KNN Normalized Optimization and Platform Tuning Based on Hadoop		2022
91	BIG-22-0091	Deviation From Model of Normal Aging in Alzheimers Disease Application of Deep Learning to Structural MRI Data and Cognitive Tests		2022
92	BIG-22-0092	GraphEnabled Intelligent Vehicular Network Data Processing *		2022
93	BIG-22-0093	Miniaturized OnChip Notch Filter With Sharp Selectivity and 35dB Attenuation in 013m Bulk CMOS Technology *		2022
94	BIG-22-0094	A Modified Noise Model of Electrical Impedance Tomography System by Considering Colored Noises *		2022
95	BIG-22-0095	Investigation of Bladder Volume Measurement Based on Fringe Effect of Electrical Impedance Tomography Sensors		2022
96	BIG-22-0096	Application of Big Data Analytics and Machine Learning to LargeScale Synchrophasor Datasets Evaluation of Dataset Machine LearningReadiness		2022
97	BIG-22-0097	Local SelfExpression Subspace Learning Network for Motion Capture Data *		2022
98	BIG-22-0098	Secure Partial Aggregation Making Federated Learning More Robust for Industry 40 Applications *		2022
99	BIG-22-0099	AdaFed Optimizing ParticipationAware Federated Learning With Adaptive Aggregation Weights *		2022
100	BIG-22-0100	Injecting User Identity Into Pretrained Language Models for DocumentLevel Sentiment Classification		2022
101	BIG-22-0101	HQ2CL A HighQuality Class Center Learning System for Deep Face Recognition *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
102	BIG-22-0102	A Hybrid Temporal Data Mining Method for Intelligent Train Braking Systems		2022
103	BIG-22-0103	A MultiDimensional Evaluation of Synthetic Data Generators		2022
104	BIG-22-0104	The Role of Communication Time in the Convergence of Federated Edge Learning *		2022
105	BIG-22-0105	A Framework for Big Earth Observation Data Using Horizontal Scaling Strategy *		2022
106	BIG-22-0106	Globally Optimal Resource Allocation and Time Scheduling in Downlink Cognitive CRAN Favoring Big Data Requests		2022
107	BIG-22-0107	A Targeted PrivacyPreserving Data Publishing Method Based on Bayesian Network		2022
108	BIG-22-0108	Toward Reference Architectures A CloudAgnostic Data Analytics Platform Empowering Autonomous Systems		2022
109	BIG-22-0109	Optimizing Train Routing Problem in a Multistation HighSpeed Railway Hub by a Lagrangian Relaxation Approach		2022
110	BIG-22-0110	ESPLRSMD A TwoStep Detector for Ship Detection Using SLC SAR Imagery *		2022
111	BIG-22-0111	Remote Drowsiness Detection Based on the mmWave FMCW Radar *		2022
112	BIG-22-0112	A Survey of Preprocessing Methods Used for Analysis of Big Data Originated From Smart Grids		2022
113	BIG-22-0113	Federated Matrix Factorization Algorithm Design and Application to Data Clustering *		2022
114	BIG-22-0114	A Survey of SpatioTemporal Big Data Indexing Methods in Distributed Environment		2022
115	BIG-22-0115	CNNPC EndEdgeCloud Collaborative CNN Inference With Joint Model Partition and Compression *		2022
116	BIG-22-0116	Audio Matters in Video SuperResolution by Implicit Semantic Guidance *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
117	BIG-22-0117	Decentralized NonConvex Learning With Linearly Coupled Constraints Algorithm Designs and Application to Vertical Learning Problem *		2022
118	BIG-22-0118	Speaker Extraction With CoSpeech Gestures Cue		2022
119	BIG-22-0119	Minimizing the Maximum Length of Flight Paths for UAVs Providing Location Service to Ground Targets *		2022
120	BIG-22-0120	Adaptive PreTraining and Collaborative FineTuning A WinWin Strategy to Improve Review Analysis Tasks *		2022
121	BIG-22-0121	Synchronized Provable Data Possession Based on Blockchain for Digital Twin *		2022
122	BIG-22-0122	Correspondence Selection With LooseTight Geometric Voting for 3D Point Cloud Registration *		2022
123	BIG-22-0123	Optimizing the Performance of Data Warehouse by Query Cache Mechanism		2022
124	BIG-22-0124	Dual Optimization for Kolmogorov Model Learning Using Enhanced Gradient Descent *		2022
125	BIG-22-0125	Active Deep Feature Extraction for Hyperspectral Image Classification Based on Adversarial Learning *		2022
126	BIG-22-0126	HashComb A Hierarchical DistancePreserving MultiHash Data Representation for Collaborative Analytics		2022
127	BIG-22-0127	A Systematic Review Towards Big Data Analytics in Social Media		2022
128	BIG-22-0128	Game Model of Green Financial Supply Chain Based on Government Subsidy Analysis		2022
129	BIG-22-0129	IncentiveAware Autonomous Client Participation in Federated Learning *		2022
130	BIG-22-0130	Demand Response Aggregation With Operating Envelope Based on DataDriven State Estimation and Sensitivity Function Signals *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
131	BIG-22-0131	On the Evaluation Management and Improvement of Data Quality in Streaming Time Series		2022
132	BIG-22-0132	Magnetic Force Classifier A Novel Method for Big Data Classification		2022
133	BIG-22-0133	Efficient Density Estimation for HighDimensional Data		2022
134	BIG-22-0134	An Ameliorated Multiattack Network Anomaly Detection in Distributed Big Data SystemBased Enhanced Stacking Multiple Binary Classifiers		2022
135	BIG-22-0135	The Internet of Things and Architectures of Big Data Analytics Challenges of Intersection at Different Domains		2022
136	BIG-22-0136	A Novel HighResolution Fingerprint Representation Method *		2022
137	BIG-22-0137	A Data Analytics Suite for Exploratory Predictive and Visual Analysis of Type 2 Diabetes		2022
138	BIG-22-0138	A Machine LearningBased Method for Wind Fields Forecasting Utilizing GNSS Radio Occultation Data		2022
139	BIG-22-0139	Research on the Extraction Method of Urban BuiltUp Areas With an Improved Night Light Index *		2022
140	BIG-22-0140	LowRank HighOrder Tensor Completion With Applications in Visual Data *		2022
141	BIG-22-0141	Industrial Internet of Things Requirements Architecture Challenges and Future Research Directions		2022
142	BIG-22-0142	Integrating LowComplexity and Flexible Sensing Into Communication Systems *		2022
143	BIG-22-0143	3MCDNetV2 An Efficient MediumWeight Neural Network for Remote Sensing Image Change Detection		2022
144	BIG-22-0144	An Optoelectronic Reservoir Computing for Temporal Information Processing *		2022
145	BIG-22-0145	Quantile Autoencoder With Abnormality Accumulation for Anomaly Detection of Multivariate Sensor Data		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
1	BLC-22-0001	Analysis of Blockchain Solutions for EVoting A Systematic Literature Review		2022
2	BLC-22-0002	CrossBlockchain Technology Integration Framework and Security Assumptions		2022
3	BLC-22-0003	A Smart Contract for Coffee Transport and Storage With Data Validation		2022
4	BLC-22-0004	A Parking Sharing Network Over Blockchain With Proof of Planned Behavior Consensus Protocol *		2022
5	BLC-22-0005	Toward Data Authenticity and Integrity for BlockchainBased Mobile Edge Computing *		2022
6	BLC-22-0006	REPUTABLEA Decentralized Reputation System for BlockchainBased Ecosystems		2022
7	BLC-22-0007	Secure Message Handling in Vehicular Energy Networks Using Blockchain and Artificially Intelligent IPFS		2022
8	BLC-22-0008	A FaultTolerant and Secure Architecture for Key Management in LoRaWAN Based on Permissioned Blockchain		2022
9	BLC-22-0009	A Secure and Efficient Trust Model for Wireless Sensor IoTs Using Blockchain		2022
10	BLC-22-0010	Blockchain Interoperability in Unmanned Aerial Vehicles Networks State of the Art and Open Issues		2022
11	BLC-22-0011	QuantumDefended BlockchainAssisted Data Authentication Protocol for Internet of Vehicles *		2022
12	BLC-22-0012	Proof of Delivery Smart Contract for Performance Measurements		2022
13	BLC-22-0013	An Efficient BlockchainBased Hierarchical Data Sharing for Healthcare Internet of Things *		2022
14	BLC-22-0014	Blockchain Technology for Secure Supply Chain Management A Comprehensive Review		2022
15	BLC-22-0015	A BlockchainBased Decentralized Marketplace for Trustworthy Trade in Developing Countries		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
16	BLC-22-0016	A HighEfficiency FPGABased Multimode SHA2 Accelerator		2022
17	BLC-22-0017	TensorCrypto High Throughput Acceleration of LatticeBased Cryptography Using Tensor Core on GPU		2022
18	BLC-22-0018	Deep Reinforcement Learning for Resource Management in BlockchainEnabled Federated Learning Network *		2022
19	BLC-22-0019	IPFS and Friends A Qualitative Comparison of Next Generation PeertoPeer Data Networks *		2022
20	BLC-22-0020	BlockchainBased Federated Learning in UAVs Beyond 5G Networks A Solution Taxonomy and Future Directions		2022
21	BLC-22-0021	Distributed Ledger Technologies for Network Slicing A Survey		2022
22	BLC-22-0022	Mapping the Knowledge on Blockchain Technology in the Field of Business and Management A Bibliometric Analysis		2022
23	BLC-22-0023	SIGNORA A BlockchainBased Framework for Dataflow Integrity Provisioning in an Untrusted Data Pipeline		2022
24	BLC-22-0024	Efficient Verifiably Encrypted ECDSALike Signatures and Their Applications *		2022
25	BLC-22-0025	Blockchain Framework for Cognitive Sensor Network Using NonCooperative Game Theory		2022
26	BLC-22-0026	BlockchainBased Electronic Health Records Management A Comprehensive Review and Future Research Direction		2022
27	BLC-22-0027	A BlockchainBased Framework for Distributed Agile Software Development		2022
28	BLC-22-0028	Quantitative Comparison of Two ChainSelection Protocols Under Selfish Mining Attack *		2022
29	BLC-22-0029	1Round Distributed Key Generation With Efficient Reconstruction Using Decentralized CPABE *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
30	BLC-22-0030	FederatedGrids Federated Learning and BlockchainAssisted P2P Energy Sharing *		2022
31	BLC-22-0031	ReDefender Detecting Reentrancy Vulnerabilities in Smart Contracts Automatically *		2022
32	BLC-22-0032	Applicability of Intrusion Detection System on Ethereum Attacks A Comprehensive Review		2022
33	BLC-22-0033	Ethereum Smart Contract Analysis Tools A Systematic Review		2022
34	BLC-22-0034	BlockchainBased Collaborative Certificate Revocation Systems Using Clustering		2022
35	BLC-22-0035	An Architecture for Distributed Energies Trading in ByzantineBased Blockchains *		2022
36	BLC-22-0036	BlockchainAssisted Transparent CrossDomain Authorization and Authentication for Smart City *		2022
37	BLC-22-0037	A BlockchainBased IoTEnabled EWaste Tracking and Tracing System for Smart Cities		2022
38	BLC-22-0038	Design of BlockchainBased Lightweight V2I Handover Authentication Protocol for VANET *		2022
39	BLC-22-0039	Leveraging Blockchain for Scaffolding Work Management in Construction		2022
40	BLC-22-0040	BlockchainEnabled Federated Learning for UAV Edge Computing Network Issues and Solutions		2022
41	BLC-22-0041	Research Perspectives and Challenges of Blockchain for DataIntensive and ResourceConstrained Devices		2022
42	BLC-22-0042	DDMIA Distributed Dynamic Mutual Identity Authentication for Referrals in BlockchainBased Health Care Networks		2022
43	BLC-22-0043	A Game for Task Offloading in ReputationBased Consortium Blockchain Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
44	BLC-22-0044	Joint Optimization of Edge Computing Resource Pricing and Wireless Caching for BlockchainDriven Networks *		2022
45	BLC-22-0045	Ensuring Data Freshness for BlockchainEnabled Monitoring Networks *		2022
46	BLC-22-0046	Research on Multidimensional Trust Evaluation Mechanism of FinTech Based on Blockchain		2022
47	BLC-22-0047	Optimized UserFriendly Transaction Time Management in the Blockchain Distributed Energy Market		2022
48	BLC-22-0048	Security and Privacy of BlockchainBased SingleBit Cache Memory Architecture for IoT Systems		2022
49	BLC-22-0049	PADaaV BlockchainBased Parking Price Prediction Scheme for Sustainable Traffic Management		2022
50	BLC-22-0050	A Fog and Blockchain Software Architecture for a Global Scale Vaccination Strategy		2022
51	BLC-22-0051	A BlockchainBased Solution for COVID19 Vaccine Distribution		2022
52	BLC-22-0052	Longevity Foundation Perspective on Decentralized Autonomous Organization for SpecialPurpose Financing		2022
53	BLC-22-0053	Incorporating Registration Reputation and Incentivization Into the NFT Ecosystem		2022
54	BLC-22-0054	A Secure and Efficient Decentralized Access Control Scheme Based on Blockchain for Vehicular Social Networks *		2022
55	BLC-22-0055	Solidity Code Generation From UML State Machines in ModelDriven Smart Contract Development		2022
56	BLC-22-0056	Resource Competition in Blockchain Networks Under Cloud and Device Enabled Participation		2022
57	BLC-22-0057	CodeNet CodeTargeted Convolutional Neural Network Architecture for Smart Contract Vulnerability Detection		2022

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58	BLC-22-0058	Sharded Blockchain for Collaborative Computing in the Internet of Things Combined of Dynamic Clustering and Deep Reinforcement Learning Approach *		2022
59	BLC-22-0059	Redactable Blockchain From Decentralized Chameleon Hash Functions *		2022
60	BLC-22-0060	A Study on Characteristics and Identification of Smart Ponzi Schemes		2022
61	BLC-22-0061	SliceBlock ContextAware Authentication Handover and Secure Network Slicing Using DAGBlockchain in EdgeAssisted SDNNFV6G Environment *		2022
62	BLC-22-0062	SOTF Secure Organizational Transactions Framework Based on Bitcoin Payment Bridge		2022
63	BLC-22-0063	BloMT A StateoftheArt Consortium Serverless Network Architecture for Healthcare System Using Blockchain Smart Contracts		2022
64	BLC-22-0064	Blockchain Technology for Intelligent Transportation Systems A Systematic Literature Review		2022
65	BLC-22-0065	BlockchainIntegrated Multiagent Deep Reinforcement Learning for Securing Cooperative Adaptive Cruise Control *		2022
66	BLC-22-0066	BDEdge Blockchain and DeepLearning for Secure EdgeEnvisioned Green CAVs *		2022
67	BLC-22-0067	A Blockchain Ontology for DApps Development		2022
68	BLC-22-0068	FBI A Federated LearningBased BlockchainEmbedded Data Accumulation Scheme Using Drones for Internet of Things *		2022
69	BLC-22-0069	BlockchainBased Autonomous Authentication and Integrity for Internet of Battlefield Things in C3I System		2022
70	BLC-22-0070	Integrating Healthcare Services Using BlockchainBased Telehealth Framework		2022
71	BLC-22-0071	A TensorBased Truthful Incentive Mechanism for BlockchainEnabled SpaceAirGround Integrated Vehicular Crowdsensing *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
72	BLC-22-0072	Decentralized Attestation and Distribution of Information Using Blockchains and MultiProtocol Storage		2022
73	BLC-22-0073	Function Virtualization Can Play a Great Role in Blockchain Consensus		2022
74	BLC-22-0074	Blockchain for Distributed Energy Resources Management and Integration		2022
75	BLC-22-0075	A Secure CloudletBased Charging Station Recommendation for Electric Vehicles Empowered by Federated Learning *		2022
76	BLC-22-0076	Privacy Amplification With Tamperable Memory via NonMalleable TwoSource Extractors *		2022
77	BLC-22-0077	Blockchain Oracles StateoftheArt and Research Directions		2022
78	BLC-22-0078	BlockchainBased Distributed Renewable Energy Management Framework		2022
79	BLC-22-0079	SDBlockEdge SDNBlockchain Enabled Multihop Task Offloading in Collaborative Edge Computing *		2022
80	BLC-22-0080	A Review on Recent Progress of Smart Contract in Blockchain		2022
81	BLC-22-0081	Building a PrivacyPreserving BlockchainBased Bidding System A Crypto Approach		2022
82	BLC-22-0082	Analysis of the Impact of Blockchain and Internet of Things BloT on Public Procurement		2022
83	BLC-22-0083	Impact of Block Data Components on the Performance of BlockchainBased VANET Implemented on Hyperledger Fabric		2022
84	BLC-22-0084	Blockchain Tree Powered Green Communication for Efficient and Sustainable Connected Autonomous Vehicles *		2022
85	BLC-22-0085	Introduction of Formal Methods in Blockchain Consensus Mechanism and Its Associated Protocols		2022
86	BLC-22-0086	LSP Lightweight SmartContractBased Transaction Prioritization Scheme for Smart Healthcare *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
87	BLC-22-0087	Hierarchical Reinforcement Learning for BlockchainAssisted Software Defined Industrial Energy Market *		2022
88	BLC-22-0088	Phishing Detection on Ethereum via Attributed EgoGraph Embedding *		2022
89	BLC-22-0089	Ethereum Account Classification Based on Graph Convolutional Network *		2022
90	BLC-22-0090	A BlockchainBased Consent Mechanism for Access to Fitness Data in the Healthcare Context		2022
91	BLC-22-0091	PrivacyPreserving ByzantineRobust Federated Learning via Blockchain Systems *		2022
92	BLC-22-0092	Blockchain ProtocolBased Predictive Secure Control for Networked Systems *		2022
93	BLC-22-0093	A Secured Healthcare Model for Sensor Data Sharing With Integrated Emotional Intelligence *		2022
94	BLC-22-0094	Adopting the Game Theory Approach in the BlockchainDriven Pricing Optimization of Standalone Distributed Energy Generations		2022
95	BLC-22-0095	Toward Trustworthy DeFi Oracles Past Present and Future		2022
96	BLC-22-0096	Downsampling and Transparent Coding for Blockchain *		2022
97	BLC-22-0097	BlockchainBased Traceability for the Fishery Supply Chain		2022
98	BLC-22-0098	Review on Energy Application Using Blockchain Technology With an Introductions in the Pricing Infrastructure		2022
99	BLC-22-0099	Blockchain for V2X Applications and Architectures		2022
100	BLC-22-0100	Efficient Blockchain Scheme for IoT Data Storage and Manipulation in Smart City Environment *		2022
101	BLC-22-0101	Blockchain and AIEmpowered Healthcare Insurance Fraud Detection an Analysis Architecture and Future Prospects		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
102	BLC-22-0102	A Blockchain Enhanced Coexistence of Heterogeneous Networks on Unlicensed Spectrum *		2022
103	BLC-22-0103	Edge Blockchain Construction Efficiency Maximization for COVID19 Detection in a Body Area Network		2022
104	BLC-22-0104	Blockchain Document Forwarding and Proof Method Based on NDN Network		2022
105	BLC-22-0105	Image Copyright Protection Based on Blockchain and ZeroWatermark *		2022
106	BLC-22-0106	A TrustCentric PrivacyPreserving Blockchain for Dynamic Spectrum Management in IoT Networks *		2022
107	BLC-22-0107	PPQC A BlockchainBased PrivacyPreserving Quality Control Mechanism in Crowdsensing Applications *		2022
108	BLC-22-0108	A BlockchainBased Solution for Mitigating Overproduction and Underconsumption of Medical Supplies		2022
109	BLC-22-0109	Current Trends in Blockchain Implementations on the Paradigm of Public Key Infrastructure A Survey		2022
110	BLC-22-0110	Hierarchical Energy Management in Islanded Networked Microgrids		2022
111	BLC-22-0111	A New Hybrid Cryptocurrency Returns Forecasting Method Based on Multiscale Decomposition and an Optimized Extreme Learning Machine Using the Sparrow Search Algorithm		2022
112	BLC-22-0112	Understanding the Benefit of Being Patient in Payment Channel Networks *		2022
113	BLC-22-0113	Formal Verification of Blockchain Smart Contracts via ATL Model Checking		2022
114	BLC-22-0114	Investigation and Application of Differential Privacy in Bitcoin		2022
115	BLC-22-0115	Fusing Blockchain and AI With Metaverse A Survey		2022
116	BLC-22-0116	Prioritizing Energy Blockchain Use Cases Using Type2 Neutrosophic NumberBased EDAS		2022

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118	BLC-22-0118	IPFS and Blockchain Based Reliability and Availability Improvement for Integrated Rivers Streamflow Data		2022
119	BLC-22-0119	Technological Foundations of Ontological Ecosystems on the 3rd Generation Blockchains		2022
120	BLC-22-0120	PrivacyPreserving BlockchainBased Healthcare System for IoT Devices Using zkSNARK		2022
121	BLC-22-0121	DoltYourself Recommender System Reusing and Recycling With Blockchain and Deep Learning		2022
122	BLC-22-0122	Research on Payment Settlement Mode in CrossBorder Business Trade Based on Blockchain Technology		2022
123	BLC-22-0123	Stochastic Analysis of Double Blockchain Architecture in IoT Communication Networks *		2022
124	BLC-22-0124	Automatic Generation of EthereumBased Smart Contracts for AgriFood Traceability System		2022
125	BLC-22-0125	A Secure Blockchain Platform for Supporting AIEnabled IoT Applications at the Edge Layer		2022
126	BLC-22-0126	RBaaS A Robust Blockchain as a Service Paradigm in CloudEdge Collaborative Environment		2022
127	BLC-22-0127	Blockchain Enabled Digital Transformation A Systematic Literature Review		2022
128	BLC-22-0128	BlockchainBased Autonomous Notarization System Using National eID Card		2022
129	BLC-22-0129	BEAT BlockchainEnabled Accountable and Transparent Infrastructure Sharing in 6G and Beyond		2022
130	BLC-22-0130	Blockchain and Machine Learning for Fraud Detection A PrivacyPreserving and Adaptive Incentive Based Approach		2022

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131	BLC-22-0131	Fog Computing and BlockchainBased Security Service Architecture for 5G Industrial IoTEnabled Cloud Manufacturing *		2022
132	BLC-22-0132	LBSV Lightweight Blockchain Security Protocol for Secure Storage and Communication in SDNEnabled IoV *		2022
133	BLC-22-0133	A Framework to Make Voting System Transparent Using Blockchain Technology		2022
134	BLC-22-0134	GameTheoretic Analysis of an Exclusively TransactionFee Reward Blockchain System		2022
135	BLC-22-0135	Performance Evaluation of Data Transactions in Blockchain *		2022
136	BLC-22-0136	Embedding TamperResistant Publicly Verifiable Random Number Seeds in Permissionless Blockchain Systems		2022
137	BLC-22-0137	BlockchainBased Management for Organ Donation and Transplantation		2022
138	BLC-22-0138	Blockchain Enabled Credibility Applications Extant Issues Frameworks and Cases		2022
139	BLC-22-0139	A BlockchainBased Trusted Upload Scheme for the Internet of Things Nodes		2022
140	BLC-22-0140	BlockchainEnabled Intrusion Detection and Prevention System of APTs Within Zero Trust Architecture		2022
141	BLC-22-0141	Smart Contract Application for Managing Land Administration System Transactions		2022
142	BLC-22-0142	VigilRx A Scalable and Interoperable Prescription Management System Using Blockchain		2022
143	BLC-22-0143	A Systematic Review of Blockchain Applications		2022
144	BLC-22-0144	An Updated Survey on the Convergence of Distributed Ledger Technology and Artificial Intelligence Current State Major Challenges and Future Direction		2022
145	BLC-22-0145	An Intelligent Distributed Ledger Construction Algorithm for IoT		2022

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## IEEE Blockchain Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
146	BLC-22-0146	Improving Uncertainty in Chain of Custody for Image Forensics Investigation Applications		2022
147	BLC-22-0147	A Secure ECoupon Service Based on Blockchain Systems		2022
148	BLC-22-0148	A Comprehensive Survey on the Applications of Blockchain for Securing Vehicular Networks *		2022
149	BLC-22-0149	On Increasing Scalability and Liquidation of Lightning Networks for Blockchains *		2022
150	BLC-22-0150	A Blockchain Based System for Healthcare Digital Twin		2022
151	BLC-22-0151	Elastic Resource Allocation Against Imbalanced Transaction Assignments in ShardingBased Permissioned Blockchains *		2022
152	BLC-22-0152	Accelerating Decentralized and PartialPrivacy Data Access for VANET via OnlineOffline Functional Encryption *		2022
153	BLC-22-0153	Towards BlockchainBased Secure Storage and Trusted Data Sharing Scheme for IoT Environment		2022
154	BLC-22-0154	FAGNN Filter and Augment Graph Neural Networks for Account Classification in Ethereum *		2022
155	BLC-22-0155	A Systematic Literature Review Toward a Blockchain Benchmarking Framework		2022
156	BLC-22-0156	To Incentivize or Not Impact of BlockchainBased Cryptoeconomic Tokens on Human Information Sharing Behavior		2022
157	BLC-22-0157	Edge Server Deployment Scheme of Blockchain in IoVs *		2022
158	BLC-22-0158	UltraLightweight and Secure BlockchainAssisted Charging Scheduling Scheme for Vehicular Edge Networks by Utilization of NanoPi NEO *		2022
159	BLC-22-0159	BlockchainBased Dashcam Video Management Method for Data Sharing and Integrity in V2V Network		2022

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## IEEE Cloud & Information Security Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
1	CIS-22-0001	DsDTW Local Representation Learning With Deep softDTW for Dynamic Signature Verification *		2022
2	CIS-22-0002	PRMS Design and Development of Patients EHealthcare Records Management System for Privacy Preservation in Third Party Cloud Platforms		2022
3	CIS-22-0003	On Sustained Zero Trust Conceptualization Security for Mobile Core Networks in 5G and Beyond *		2022
4	CIS-22-0004	Towards Lightweight Provable Data Possession for Cloud Storage Using Indistinguishability Obfuscation		2022
5	CIS-22-0005	Enhanced Obfuscation for Software Protection in Autonomous Vehicular Cloud Computing Platforms		2022
6	CIS-22-0006	PrivacyPreserving Color Image Feature Extraction by Quaternion Discrete Orthogonal Moments *		2022
7	CIS-22-0007	DSAS A Secure Data Sharing and Authorized Searchable Framework for eHealthcare System		2022
8	CIS-22-0008	SDMTA Attack Detection and Mitigation Mechanism for DDoS Vulnerabilities in Hybrid Cloud Environment *		2022
9	CIS-22-0009	Fortifying Smart Transportation Security Through Public Blockchain *		2022
10	CIS-22-0010	Electronic Health Records Sharing Model Based on Blockchain With Checkable State PBFT Consensus Algorithm		2022
11	CIS-22-0011	Toward Automated Security Analysis and Enforcement for Cloud Computing Using Graphical Models for Security		2022
12	CIS-22-0012	PrivacyPreserving AggregationAuthentication Scheme for Safety Warning System in FogCloud Based VANET *		2022
13	CIS-22-0013	YinYangNet Complementing Face and Body Information for Wild Gender Recognition		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
14	CIS-22-0014	Cryptoanalysis on a CloudCentric InternetofMedicalThingsEnabled Smart Healthcare System		2022
15	CIS-22-0015	ROSE Robust Searchable Encryption With Forward and Backward Security *		2022
16	CIS-22-0016	A Resource Recommendation Model for Heterogeneous Workloads in FogBased Smart Factory Environment *		2022
17	CIS-22-0017	Efficient MultiClient Functional Encryption for Conjunctive Equality and Range Queries		2022
18	CIS-22-0018	NASCENT A NonInvasive Solution for Detecting Utilization of Servers in BareMetal Cloud		2022
19	CIS-22-0019	Towards PrivacyPreserving Spatial Distribution Crowdsensing A Game Theoretic Approach *		2022
20	CIS-22-0020	Secure EMR Classification and Deduplication Using MapReduce		2022
21	CIS-22-0021	Efficient and Secure Deep Learning Inference in Trusted Processor Enabled Edge Clouds *		2022
22	CIS-22-0022	Securing RealTime Video Surveillance Data in Vehicular Cloud Computing A Survey		2022
23	CIS-22-0023	Secure Storage Model for Digital Forensic Readiness		2022
24	CIS-22-0024	Cybersecurity Attacks on Software Logic and Error Handling Within AIS Implementations A Systematic Testing of Resilience		2022
25	CIS-22-0025	PrivacyPreserving MultiClass Support Vector Machine Model on Medical Diagnosis *		2022
26	CIS-22-0026	Insurance Plan for Service Assurance in Cloud Computing Market with Incomplete Information *		2022
27	CIS-22-0027	Efficient and PrivacyPreserving Similarity Query With Access Control in eHealthcare *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
28	CIS-22-0028	Federated Anomaly Detection on System Logs for the Internet of Things A Customizable and CommunicationEfficient Approach *		2022
29	CIS-22-0029	Causal Adversarial Channels With Feedback Snooping *		2022
30	CIS-22-0030	Guest Editorial Security and Privacy for CloudAssisted Internet of Things IoT and Smart Grid *		2022
31	CIS-22-0031	Efficient Implementation of Lightweight Hash Functions on GPU and Quantum Computers for IoT Applications		2022
32	CIS-22-0032	OwnerEnabled Secure Authorized Keyword Search Over Encrypted Data With Flexible Metadata *		2022
33	CIS-22-0033	AttributeBased Hierarchical Access Control With Extendable Policy *		2022
34	CIS-22-0034	Characterizing Deep Neural Networks on Edge Computing Systems for Object Classification in 3D Point Clouds		2022
35	CIS-22-0035	On the InSecurity of 1090ES and UAT978 Mobile Cockpit Information SystemsAn Attacker Perspective on the Availability of ADSB Safety and MissionCritical Systems		2022
36	CIS-22-0036	A Survey on AttributeBased Encryption Schemes Suitable for the Internet of Things		2022
37	CIS-22-0037	PSEBVC Provably Secure ECC and Biometric Based Authentication Framework Using Smartphone for Vehicular Cloud Environment		2022
38	CIS-22-0038	Toward Secure and PrivacyPreserving Cloud Data Sharing OnlineOffline Multiauthority CPABE With Hidden Policy *		2022
39	CIS-22-0039	Dynamic Virtual Machine Consolidation Algorithm Based on Balancing Energy Consumption and Quality of Service		2022
40	CIS-22-0040	A Global Secure Ranked Multikeyword Search Based on the Multiowner Model for CloudBased Systems *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
41	CIS-22-0041	Preemptive Scheduling for Distributed Machine Learning Jobs in EdgeCloud Networks *		2022
42	CIS-22-0042	Performance Evaluation of OpenSource Endpoint Detection and Response Combining Google Rapid Response and Osquery for Threat Detection		2022
43	CIS-22-0043	MTRFN Multiscale Temporal Receptive Field Network for Compressed Video Action Recognition at Edge Servers *		2022
44	CIS-22-0044	Retrofitting LBR Profiling to Enhance Virtual Machine Introspection *		2022
45	CIS-22-0045	Advancing Static Code Analysis With LanguageAgnostic Component Identification		2022
46	CIS-22-0046	A Novel Blockchain Based Secured and QoS Aware IoT Vehicular Network in Edge Cloud Computing		2022
47	CIS-22-0047	Ranking Security of IoTBased Smart Home Consumer Devices		2022
48	CIS-22-0048	The Assessment of Cloud Service Trustworthiness State Based on DS Theory and Markov Chain		2022
49	CIS-22-0049	SubversionResistant and Consistent AttributeBased Keyword Search for Secure Cloud Storage *		2022
50	CIS-22-0050	Optimal Embedding of Aggregated Service Function Tree *		2022
51	CIS-22-0051	A Survey of VANETV2X Routing From the Perspective of NonLearning and LearningBased Approaches		2022
52	CIS-22-0052	A Survey of Deep Learning on Mobile Devices Applications Optimizations Challenges and Research Opportunities *		2022
53	CIS-22-0053	PrivacyPreserving ThresholdBased Image Retrieval in CloudAssisted Internet of Things *		2022
54	CIS-22-0054	A Multiscale Deep Feature for the Instance Segmentation of Water Leakages in Tunnel Using MLS Point Cloud Intensity Images *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
55	CIS-22-0055	PhysicalLayer Security for CacheEnabled CRANs via Rate Splitting *		2022
56	CIS-22-0056	StegFog Distributed Steganography Applied to Cyber Resiliency in Multi Node Environments		2022
57	CIS-22-0057	Data Integrity Audit Scheme Based on Blockchain Expansion Technology		2022
58	CIS-22-0058	On the Design of a PrivacyPreserving Communication Scheme for CloudBased Digital Twin Environments Using Blockchain		2022
59	CIS-22-0059	LatticeBased Conditional PrivacyPreserving Authentication Protocol for the Vehicular Ad Hoc Network *		2022
60	CIS-22-0060	Rphx Result Pattern Hiding Conjunctive Query Over Private Compressed Index Using Intel SGX *		2022
61	CIS-22-0061	CBiLSTM A Hybrid Deep Learning Model for Efficient Reputation Assessment of Cloud Services		2022
62	CIS-22-0062	ASCPloMT AIEnabled Lightweight Secure Communication Protocol for Internet of Medical Things		2022
63	CIS-22-0063	Smart App Attack Hacking Deep Learning Models in Android Apps *		2022
64	CIS-22-0064	Practical Adoption of Cloud Computing in Power SystemsDrivers Challenges Guidance and RealWorld Use Cases *		2022
65	CIS-22-0065	BlockchainEnabled Efficient Dynamic CrossDomain Deduplication in Edge Computing *		2022
66	CIS-22-0066	PrivacyPreserving Image Watermark Embedding Method Based on Edge Computing		2022
67	CIS-22-0067	Model Inversion Attack by Integration of Deep Generative Models PrivacySensitive Face Generation From a Face Recognition System *		2022
68	CIS-22-0068	Enabling Trust and PrivacyPreserving eKYC System Using Blockchain		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
69	CIS-22-0069	Container Technologies for ARM Architecture A Comprehensive Survey of the StateoftheArt		2022
70	CIS-22-0070	RLDRL Meets Vehicular Task Offloading Using Edge and Vehicular Cloudlet A Survey *		2022
71	CIS-22-0071	Security Analysis of SMAKA Secure ManytoMany Authentication and Key Agreement Scheme for Vehicular Networks *		2022
72	CIS-22-0072	LearningBased Rate Control for VideoBased Point Cloud Compression *		2022
73	CIS-22-0073	BlockchainBased Identity Management Systems in Health IoT A Systematic Review		2022
74	CIS-22-0074	Authors Reply *		2022
75	CIS-22-0075	Cloud Dynamic Load Balancing and Reactive Fault Tolerance Techniques A Systematic Literature Review SLR		2022
76	CIS-22-0076	An Architecture Combining Blockchain Docker and Cloud Storage for Improving Digital Processes in Cloud Manufacturing		2022
77	CIS-22-0077	PrivacyPreserving Deduplication of Sensor Compressed Data in Distributed Fog Computing *		2022
78	CIS-22-0078	Anonymous and Efficient Authentication Scheme for PrivacyPreserving Distributed Learning *		2022
79	CIS-22-0079	A Comprehensive Survey on Computer Forensics StateoftheArt Tools Techniques Challenges and Future Directions		2022
80	CIS-22-0080	Data Integrity Audit Based on Data Blinding for Cloud and Fog Environment		2022
81	CIS-22-0081	Integration of ICN and MEC in 5G and Beyond Networks Mutual Benefits Use Cases Challenges Standardization and Future Research		2022
82	CIS-22-0082	PrivacyEnhanced and Verifiable Compressed Sensing Reconstruction for Medical Image Processing on the Cloud		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
83	CIS-22-0083	Report When Malicious Deniable and Accountable Searchable MessageModeration System *		2022
84	CIS-22-0084	MCDM and Various Prioritization Methods in AHP for CSS A Comprehensive Review		2022
85	CIS-22-0085	A Method for Endpoint Aware Inspection in a Network Security Solution		2022
86	CIS-22-0086	A Weakly Supervised Graph Deep Learning Framework for Point Cloud Registration *		2022
87	CIS-22-0087	Certificateless Aggregated Signcryption Scheme CLASS for CloudFog Centric Industry 40 *		2022
88	CIS-22-0088	Secure Data Storage and Sharing Techniques for Data Protection in Cloud Environments A Systematic Review Analysis and Future Directions		2022
89	CIS-22-0089	CTMF ContextAware Trust Management Framework for Internet of Vehicles		2022
90	CIS-22-0090	An Efficient PrivacyPreserving Public Auditing Protocol for CloudBased Medical Storage System *		2022
91	CIS-22-0091	A Novel Moving Target Defense Scheme With Physical Unclonable FunctionsBased Authentication		2022
92	CIS-22-0092	GDL90fuzz Fuzzing GDL90 Data Interface Specification Within Aviation Software and Avionics DevicesA Cybersecurity Pentesting Perspective		2022
93	CIS-22-0093	An Efficient IdentityBased Provable Data Possession Protocol With Compressed Cloud Storage *		2022
94	CIS-22-0094	New Hierarchical FingerVein Feature Extraction Method for iVehicles *		2022
95	CIS-22-0095	DelayOptimal Task Offloading for UAVEEnabled EdgeCloud Computing Systems		2022
96	CIS-22-0096	DEHM An Improved Differential Evolution Algorithm Using Hierarchical Multistrategy in a Cybertwin 6G Network *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
97	CIS-22-0097	Dynamic Bayesian Network Based Security Analysis for Physical Layer Key Extraction		2022
98	CIS-22-0098	OrderHiding Range Query Over Encrypted Cloud Data		2022
99	CIS-22-0099	Lightweight PrivacyPreserving GAN Framework for Model Training and Image Synthesis *		2022
100	CIS-22-0100	Redactable SignatureBased Public Auditing Scheme With Sensitive Data Sharing for Cloud Storage *		2022
101	CIS-22-0101	IdentityBased Privacy Preserving Remote Data Integrity Checking With a Designated Verifier		2022
102	CIS-22-0102	On the Impact of Pollution Attacks on CodingBased Distributed Storage Systems *		2022
103	CIS-22-0103	An Efficient Search Method Using Features to Match Joint Keywords on Encrypted Cloud Data		2022
104	CIS-22-0104	CKMIB Construction of Key Agreement Protocol for Cloud Medical Infrastructure Using Blockchain		2022
105	CIS-22-0105	Enhancing Leakage Prevention for MapReduce *		2022
106	CIS-22-0106	FLSIR Secure Image Retrieval Based on Federated Learning and Additive Secret Sharing		2022

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## IEEE Cloud Computing Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
1	CLC-22-0001	TrafficAware Horizontal Pod Autoscaler in KubernetesBased Edge Computing Infrastructure		2022
2	CLC-22-0002	Power Allocation and Energy Cost Minimization in Cloud Data Centers Microgrids A TwoStage Optimization Approach		2022
3	CLC-22-0003	Dynamical Orchestration and Configuration Services in Industrial IoT Systems An Autonomic Approach		2022
4	CLC-22-0004	On the Sustainability of Virtual Platforms A Behavioral Intervention		2022
5	CLC-22-0005	Adaptive Partition of ECG Diagnosis Between Cloud and Wearable Sensor Net Using OpenLoop and ClosedLoop Switch Mode		2022
6	CLC-22-0006	An Adaptive Offloading Mechanism for Mobile Cloud Computing A Niching Genetic Algorithm Perspective		2022
7	CLC-22-0007	Fault Tolerant and Data Oriented Scientific Workflows Management and Scheduling System in Cloud Computing		2022
8	CLC-22-0008	SDNBased Resource Allocation in Edge and Cloud Computing Systems An Evolutionary Stackelberg Differential Game Approach *		2022
9	CLC-22-0009	Deadline and Reliability Aware Multiserver Configuration Optimization for Maximizing Profit *		2022
10	CLC-22-0010	FIWAREBased Telemedicine Apps Modeling for Patients Data Management *		2022
11	CLC-22-0011	Joint Wireless and Edge Computing Resource Management With Dynamic Network Slice Selection		2022
12	CLC-22-0012	SLAAware and EnergyEfficient Virtual Machine Placement and Consolidation in Heterogeneous DVFS Enabled Cloud Datacenter		2022
13	CLC-22-0013	Reinforcement LearningEmpowered Mobile Edge Computing for 6G Edge Intelligence		2022

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## IEEE Cloud Computing Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
14	CLC-22-0014	MultiObjective Task Scheduling Optimization for Load Balancing in Cloud Computing Environment Using Hybrid Artificial Bee Colony Algorithm With Reinforcement Learning		2022
15	CLC-22-0015	Dynamic Service Placement in MultiAccess Edge Computing A Systematic Literature Review		2022
16	CLC-22-0016	MESON A Platform for Optimized CrossSlice Communication on Edge Computing Infrastructures		2022
17	CLC-22-0017	A Software Defined Networking Architecture for DDoSAttack in the Storage of Multimicrogrids		2022
18	CLC-22-0018	VPU A VideoBased Point Cloud Upsampling Framework *		2022
19	CLC-22-0019	NetworkAware 5G Edge Computing for Object Detection Augmenting Wearables to See More Farther and Faster		2022
20	CLC-22-0020	Distributed Reinforcement Learning for PrivacyPreserving Dynamic Edge Caching *		2022
21	CLC-22-0021	DataDriven Capacity Planning for Vehicular Fog Computing		2022
22	CLC-22-0022	Efficient FlowBased Scheduling for GeoDistributed Simulation Tasks in Collaborative Edge and Cloud Environments *		2022
23	CLC-22-0023	Incentive Mechanism and Resource Allocation for EdgeFog Networks Driven by MultiDimensional Contract and Game Theories		2022
24	CLC-22-0024	Secure UAVAided Mobile Edge Computing for IoT A Review		2022
25	CLC-22-0025	An Improved Ant Colony Algorithm for Solving a Virtual Machine Placement Problem in a Cloud Computing Environment		2022
26	CLC-22-0026	Autonomous Path IdentityBased Broadcast Proxy ReEncryption for Data Sharing in Clouds		2022
27	CLC-22-0027	Global and Regional Evaluation of the CERES Edition4A Surface Solar Radiation and Its Uncertainty Quantification		2022

## IEEE Cloud Computing Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
28	CLC-22-0028	Bridging the Gap Between Point Cloud Registration and Connected Vehicles		2022
29	CLC-22-0029	Voting and AttentionBased Pose Relation Learning for Object Pose Estimation From 3D Point Clouds		2022
30	CLC-22-0030	Multiobjective Task Scheduling in Cloud Environment Using Decision Tree Algorithm		2022
31	CLC-22-0031	Joint Online Optimization of Data Sampling Rate and Preprocessing Mode for EdgeCloud CollaborationEnabled Industrial IoT *		2022
32	CLC-22-0032	An Edge Based Attack Detection Model EBAD for Increasing the Trustworthiness in IoT Enabled Smart City Environment		2022
33	CLC-22-0033	Lossless Compression of Point Cloud Sequences Using Sequence Optimized CNN Models		2022
34	CLC-22-0034	FETCH A Deep LearningBased Fog Computing and IoT Integrated Environment for Healthcare Monitoring and Diagnosis		2022
35	CLC-22-0035	Edge ComputingAided Coded Vertical Federated Linear Regression *		2022
36	CLC-22-0036	NetSync A Network Adaptive and DeduplicationInspired Delta Synchronization Approach for Cloud Storage Services *		2022
37	CLC-22-0037	Scalable Management of Heterogeneous Cloud Resources Based on Evolution Strategies Algorithm		2022
38	CLC-22-0038	Adaptive Federated Learning for NonConvex Optimization Problems in Edge Computing Environment *		2022
39	CLC-22-0039	Thick Cloud Removal in Optical Remote Sensing Images Using a Texture Complexity Guided SelfPaced Learning Method *		2022
40	CLC-22-0040	StackelbergGameBased Computation Offloading Method in CloudEdge Computing Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
41	CLC-22-0041	ServiceOriented Reliability Modeling and Autonomous Optimization of Reliability for Public Cloud Computing Systems *		2022
42	CLC-22-0042	Efficient Offloading for Minimizing Task Computation Delay of NOMABased Multiaccess Edge Computing *		2022
43	CLC-22-0043	ChaoticNondominatedSorting Owl Search Algorithm for EnergyAware MultiWorkflow Scheduling in Hybrid Clouds *		2022
44	CLC-22-0044	A Parallel Secure Flow Control Framework for Private Data Sharing in Mobile Edge Cloud *		2022
45	CLC-22-0045	LCDNet LightWeighted Cloud Detection Network for HighResolution Remote Sensing Images		2022
46	CLC-22-0046	Efficiency and Fairness Oriented Dynamic Task Offloading in Internet of Vehicles *		2022
47	CLC-22-0047	Performance Analysis and Optimization for IoT Mobile Edge Computing Networks With RF Energy Harvesting and UAV Relaying		2022
48	CLC-22-0048	SeqPolar Sequence Matching of Polarized LiDAR Map With HMM for Intelligent Vehicle Localization *		2022
49	CLC-22-0049	LISPBased Control Plane for Service Connectivity in MultiCluster Cloud Systems		2022
50	CLC-22-0050	A MultiIntersection Vehicular Cooperative Control Based on EndEdgeCloud Computing *		2022
51	CLC-22-0051	Bargaining Game Based Offloading Service Algorithm for EdgeAssisted Distributed Computing Model		2022
52	CLC-22-0052	SciSpot Scientific Computing On Temporally Constrained Cloud Preemptible VMs *		2022
53	CLC-22-0053	FineGrained IO Traffic Control Middleware for IO Fairness in Virtualized System		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
54	CLC-22-0054	MultiArmed Bandits Learning for Task Offloading in Maritime Edge Intelligence Networks *		2022
55	CLC-22-0055	Joint Communication and Computation Resource Allocation in FogBased Vehicular Networks *		2022
56	CLC-22-0056	Implementation of a ClusterBased Heterogeneous Edge Computing System for Resource Monitoring and Performance Evaluation		2022
57	CLC-22-0057	A Service Oriented Architecture for the Digitalization and Automation of Distribution Grids		2022
58	CLC-22-0058	EnergyEfficient Artificial Intelligence of Things With Intelligent Edge *		2022
59	CLC-22-0059	Learning Discriminative Features by Covering Local Geometric Space for Point Cloud Analysis *		2022
60	CLC-22-0060	Workflow Makespan Minimization for Partially Connected Edge Network A Deep Reinforcement LearningBased Approach		2022
61	CLC-22-0061	Adaptive Scheduling Algorithm Based Task Loading in Cloud Data Centers		2022
62	CLC-22-0062	Utility Optimization for MultiUser Task Offloading in Mobile Ad Hoc Cloud A Stochastic Game Approach *		2022
63	CLC-22-0063	EnergyEfficient Design for IRSAssisted NOMABased Mobile Edge Computing *		2022
64	CLC-22-0064	Compensation of Aerodynamic Sampling Effects of a Cloud Droplet Instrument		2022
65	CLC-22-0065	SFC Provisioning With Load Balancing Method in MultiTier Fog Networks *		2022
66	CLC-22-0066	Joint Differential Evolution and Successive Convex Approximation in UAVEnabled Mobile Edge Computing		2022
67	CLC-22-0067	Coordinating Fast Concurrency Adapting With Autoscaling for SLOOriented Web Applications *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
68	CLC-22-0068	Characterizing the Availability and Latency in AWS Network From the Perspective of Tenants *		2022
69	CLC-22-0069	LocationAware Maintenance Strategies for Edge Computing Infrastructures *		2022
70	CLC-22-0070	FaultTolerance in the Scope of Cloud Computing		2022
71	CLC-22-0071	Hierarchical Coding for Cloud Storage TopologyAdaptivity Scalability and Flexibility *		2022
72	CLC-22-0072	Optimal Container MigrationReInstantiation in Hybrid Computing Environments		2022
73	CLC-22-0073	TimeSegmented MultiLevel Reconfiguration in Distribution Network A Novel CloudEdge Collaboration Framework *		2022
74	CLC-22-0074	A Survey on Mobile Edge Computing Infrastructure Design Resource Management and Optimization Approaches		2022
75	CLC-22-0075	Automated Concept Drift Handling for Fault Prediction in Edge Clouds Using Reinforcement Learning *		2022
76	CLC-22-0076	EnergyEfficient Service Placement for LatencySensitive Applications in Edge Computing		2022
77	CLC-22-0077	CANFIS A Chaos Adaptive Neural Fuzzy Inference System for Workload Prediction in the Cloud		2022
78	CLC-22-0078	Lagrangian Cooperation LC A Fog Node Cooperation Algorithm for Smart Cities *		2022
79	CLC-22-0079	Intelligent Machinery Product Service Blueprint Development and Verification An Empirical Study of Machine Tool Industry		2022
80	CLC-22-0080	Latency Minimization of Reverse Offloading in Vehicular Edge Computing *		2022
81	CLC-22-0081	EventDriven Computation Offloading in IoT With Edge Computing *		2022
82	CLC-22-0082	A Lightweight Optimal Scheduling Algorithm for EnergyEfficient and RealTime Cloud Services		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
83	CLC-22-0083	EnergyDelay Minimization of Task Migration Based on Game Theory in MECAssisted Vehicular Networks *		2022
84	CLC-22-0084	Robust Thick Cloud Removal for Multitemporal Remote Sensing Images Using Coupled Tensor Factorization *		2022
85	CLC-22-0085	HighPerformance Computing Architecture for Sample Value Processing in the Smart Grid		2022
86	CLC-22-0086	Deep Reinforcement LearningBased CloudEdge Collaborative Mobile Computation Offloading in Industrial Networks *		2022
87	CLC-22-0087	DisCOV Distributed COVID19 Detection on XRay Images With EdgeCloud Collaboration *		2022
88	CLC-22-0088	An EdgeFog ComputingEnabled Lossless EEG Data Compression With Epileptic Seizure Detection in IoMT Networks *		2022
89	CLC-22-0089	TenantGrained Request Scheduling in SoftwareDefined Cloud Computing *		2022
90	CLC-22-0090	DFAN DualBranch Feature Alignment Network for Domain Adaptation on Point Clouds *		2022
91	CLC-22-0091	GSSVF A GameTheoretic Approach for Service Discovery in Fog Network of Vehicles *		2022
92	CLC-22-0092	Dynamic Resource Allocation for Virtual Network Function Placement in Satellite Edge Clouds *		2022
93	CLC-22-0093	Joint CoverageReliability for Budgeted Edge Application Deployment in Mobile Edge Computing Environment *		2022
94	CLC-22-0094	ReliabilityAware Computation Offloading for DelaySensitive Applications in MECEnabled Aerial Computing *		2022
95	CLC-22-0095	Proactive and Power Efficient Hybrid Virtual Network Embedding An AWS Cloud Case Study		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
96	CLC-22-0096	A Brief Survey on Recent Advances in Cloud Control Systems *		2022
97	CLC-22-0097	ReducedPrecision Acceleration of RadioAstronomical Imaging on Reconfigurable Hardware		2022
98	CLC-22-0098	Temporal Computing Resource Allocation Scheme With End Device Assistance *		2022
99	CLC-22-0099	A Survey of Stateoftheart on Edge Computing Theoretical Models Technologies Directions and Development Paths		2022
100	CLC-22-0100	Performance Analysis of Task Offloading With Opportunistic Fog Nodes		2022
101	CLC-22-0101	Decentralized Application Placement in Fog Computing *		2022
102	CLC-22-0102	Distributed Offloading in Overlapping Areas of MobileEdge Computing for Internet of Things *		2022
103	CLC-22-0103	QAVA QoEAware Adaptive Video Bitrate Aggregation for HTTP Live Streaming Based on Smart Edge Computing		2022
104	CLC-22-0104	Deep Reinforcement Learning for Robot Collision Avoidance With SelfStateAttention and Sensor Fusion *		2022
105	CLC-22-0105	CIDS An Efficient Algorithm for Processing Skyline Queries for Partially Complete Data in Cloud Environment		2022
106	CLC-22-0106	Virtual Network Function Placement in Satellite Edge Computing With a Potential Game Approach *		2022
107	CLC-22-0107	ScaleTrain A Scalable DNN Training Framework for a Heterogeneous GPU Cloud		2022
108	CLC-22-0108	A RealTime Underwater Acoustic Telemetry Receiver With Edge Computing for Studying Fish Behavior and Environmental Sensing		2022
109	CLC-22-0109	Encrypted CloudBased SetTheoretic Model Predictive Control *		2022
110	CLC-22-0110	Resilience Enhancement at Edge Cloud Systems		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
111	CLC-22-0111	Joint MIMO Precoding and Computation Resource Allocation for DualFunction Radar and Communication Systems With Mobile Edge Computing *		2022
112	CLC-22-0112	Deep Graph Matching Based Dense Correspondence Learning Between NonRigid Point Clouds *		2022
113	CLC-22-0113	Pushing Collaborative Data Deduplication to the Network Edge An Optimization Framework and System Design *		2022
114	CLC-22-0114	Multiple AdaptiveResourceAllocation RealTime Supervisor MARS for Elastic IIoT Hybrid Cloud Services		2022
115	CLC-22-0115	A Cybertwin Based Multimodal Network for ECG Patterns Monitoring Using Deep Learning *		2022
116	CLC-22-0116	Unsupervised Point Cloud Registration by Learning Unified Gaussian Mixture Models *		2022
117	CLC-22-0117	Cloud Affected Solar UV Prediction With ThreePhase Wavelet Hybrid Convolutional Long ShortTerm Memory Network MultiStep Forecast System		2022
118	CLC-22-0118	A Review on Cybersecurity of Cloud Computing for Supporting Connected Vehicle Applications *		2022
119	CLC-22-0119	Evaluating and Ranking Cloud IaaS PaaS and SaaS Models Based on Functional and NonFunctional Key Performance Indicators		2022
120	CLC-22-0120	A Cost and Energy Efficient Task Scheduling Technique to Offload Microservices Based Applications in Mobile Cloud Computing		2022
121	CLC-22-0121	CroApp A CNNBased Resource Optimization Approach in Edge Computing Environment *		2022
122	CLC-22-0122	A Fuzzy Logic Recommendation System to Support the Design of CloudEdge Data Analysis in CyberPhysical Systems		2022
123	CLC-22-0123	EdgeBased Collaborative Training System for Artificial IntelligenceofThings *		2022

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124	CLC-22-0124	LWCDnet A Lightweight Network for Efficient Cloud Detection in Remote Sensing Images *		2022
125	CLC-22-0125	Joint Emergency Data and Service Evacuation in Cloud Data Centers Against Early Warning Disasters *		2022
126	CLC-22-0126	A Unified Mechanism for Cloud Scheduling of Scientific Workflows		2022
127	CLC-22-0127	Online Orchestration of Collaborative Caching for MultiBitrate Videos in Edge Computing *		2022
128	CLC-22-0128	Learning Digital Terrain Models From Point Clouds ALS2DTM Dataset and RasterizationBased GAN		2022
129	CLC-22-0129	Introducing CloudAssisted MicroServiceBased Software Development Framework for Healthcare Systems		2022
130	CLC-22-0130	CALM QoSaware Vehicular SensorasaService Provisioning in CacheEnabled MultiSensor Cloud *		2022
131	CLC-22-0131	Intelligent DecisionMaking of Load Balancing Using Deep Reinforcement Learning and Parallel PSO in Cloud Environment		2022
132	CLC-22-0132	Media Production Using Cloud and Edge Computing Recent Progress and NBMPBased Implementation *		2022
133	CLC-22-0133	ThreeWay Ensemble Prediction for Workload in the Data Center		2022
134	CLC-22-0134	Proactive Resilient DayAhead Unit Commitment With Cloud Computing Data Centers *		2022
135	CLC-22-0135	Learning Based Energy Efficient Task Offloading for Vehicular Collaborative Edge Computing *		2022
136	CLC-22-0136	An Efficient Hybrid Ranking Method for Cloud Computing Services Based on User Requirements		2022
137	CLC-22-0137	Attribute Artifacts Removal for GeometryBased Point Cloud Compression *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
138	CLC-22-0138	On the Performance of CloudBased mHealth Applications A Methodology on Measuring Service Response Time and a Case Study		2022
139	CLC-22-0139	Practical PrivacyPreserving Federated Learning in Vehicular Fog Computing *		2022
140	CLC-22-0140	Nonlinear Traffic Data Reconstruction in LargeScale Internet of Vehicle Systems A Neural Network Approach		2022
141	CLC-22-0141	Toward a Live BBU Container Migration in Wireless Networks		2022
142	CLC-22-0142	RiceBioS Identification of Biotic Stress in Rice Crops Using EdgeasaService *		2022
143	CLC-22-0143	Federated 3GPP Mobile Edge Computing Systems A Transparent Proxy for Third Party Authentication With Application Mobility Support		2022
144	CLC-22-0144	ERender Enabling UHDQuality Cloud Gaming Through Edge Rendering		2022
145	CLC-22-0145	EdgeCloud Collaboration Detection Approach for SmallSample Imbalanced Faults in Power Lines *		2022
146	CLC-22-0146	MultiPair Computation for TwoWay Intra Cloud RadioAccess Network Communications *		2022
147	CLC-22-0147	Joint SocialAware and MobilityAware Computation Offloading in Heterogeneous Mobile Edge Computing		2022
148	CLC-22-0148	Intelligent Farm Meets Edge Computing EnergyEfficient Solar Insecticidal Lamp Management *		2022
149	CLC-22-0149	TEMPOS QoS Management Middleware for Edge Cloud Computing FaaS in the Internet of Things		2022
150	CLC-22-0150	Power and QoS Aware Job Assignment With Dynamic Speed Scaling for Cloud Data Center Computing		2022
151	CLC-22-0151	Adaptive DRLBased Virtual Machine Consolidation in EnergyEfficient Cloud Data Center *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
152	CLC-22-0152	Cloud CommunicationBased Sensing Performance Evaluation of a Vascular Interventional Robot System *		2022
153	CLC-22-0153	RealTime SceneAware LiDAR Point Cloud Compression Using Semantic Prior Representation *		2022
154	CLC-22-0154	State Space Model and Queuing Network Based Cloud Resource Provisioning for Meshed Web Systems *		2022
155	CLC-22-0155	TTGN TwoTier Geographical Networking for Industrial Internet of Things With EdgeBased Cognitive Computing		2022
156	CLC-22-0156	GELAB The Cutting Edge of Grammatical Evolution		2022
157	CLC-22-0157	Joint Application Placement and Request Routing Optimization for Dynamic Edge Computing Service Management *		2022
158	CLC-22-0158	Edge Robotics EdgeComputingAccelerated Multirobot Simultaneous Localization and Mapping *		2022
159	CLC-22-0159	Learning to Optimize Resource Assignment for Task Offloading in Mobile Edge Computing *		2022
160	CLC-22-0160	Edge ComputingAssisted DNN Image Recognition System With Progressive Image Retransmission		2022
161	CLC-22-0161	A Fair Dynamic Load Balanced Task Distribution Strategy for Heterogeneous Cloud Platforms Based on Markov Process Modeling		2022
162	CLC-22-0162	An Intelligent Traffic Entropy LearningBased Load Management Model for Cloud Networks *		2022
163	CLC-22-0163	eyeSay Brain Visual Dynamics Decoding With Deep Learning Edge Computing		2022
164	CLC-22-0164	PrivacyPreserving Public Auditing for Shared Cloud Data With Secure Group Management		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
165	CLC-22-0165	Traffic PredictionEnabled EnergyEfficient Dynamic Computing Resource Allocation in CRAN Based on Deep Learning		2022
166	CLC-22-0166	EnergyEfficient Online Scheduling of Transformer Inference Services on GPU Servers *		2022
167	CLC-22-0167	EFGHNet A Versatile ImagetoPoint Cloud Registration Network for Extreme Outdoor Environment *		2022
168	CLC-22-0168	A Task Offloading Algorithm With Cloud Edge Jointly Load Balance Optimization Based on Deep Reinforcement Learning for Unmanned Surface Vehicles		2022
169	CLC-22-0169	Edge Computing Technology Enablers A Systematic Lecture Study		2022
170	CLC-22-0170	Applications of Auction and Mechanism Design in Edge Computing A Survey *		2022
171	CLC-22-0171	A Study on the Impact of Memory DoS Attacks on Cloud Applications and Exploring RealTime Detection Schemes *		2022
172	CLC-22-0172	A Fast and Accurate Method of Power Line Intelligent Inspection Based on Edge Computing *		2022
173	CLC-22-0173	A Survey on the Convergence of Edge Computing and AI for UAVs Opportunities and Challenges		2022
174	CLC-22-0174	EnergyOptimal EndtoEnd Network Slicing in CloudBased Architecture		2022
175	CLC-22-0175	A Novel ModelBased Defogging Method for Particle Images With Different Fog Distributions *		2022
176	CLC-22-0176	An Effective Network Integrating Residual Learning and Channel Attention Mechanism for Thin Cloud Removal *		2022
177	CLC-22-0177	Bargaining GameBased Resource Management for Pervasive Edge Computing Infrastructure		2022
178	CLC-22-0178	The Roles of CloudBased Systems on the CancerRelated Studies A Systematic Literature Review		2022

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179	CLC-22-0179	A Review of Intelligent Computation Offloading in Multiaccess Edge Computing		2022
180	CLC-22-0180	Live FreeViewpoint Video in Immersive Media Production Over 5G Networks		2022
181	CLC-22-0181	Distributed LocationAware Task Offloading in MultiUAVs Enabled Edge Computing		2022
182	CLC-22-0182	Semantic Segmentation of Coastal Zone on Airborne Lidar Bathymetry Point Clouds *		2022
183	CLC-22-0183	Coded Distributed Computing With Predictive Heterogeneous User Demands A Learning Auction Approach *		2022
184	CLC-22-0184	EnergyEfficient Collaborative Offloading in NOMAEnabled Fog Computing for Internet of Things *		2022
185	CLC-22-0185	TppFaaS Modeling Serverless Functions Invocations via Temporal Point Processes		2022
186	CLC-22-0186	Cloud Removal in Optical Remote Sensing Imagery Using Multiscale DistortionAware Networks *		2022
187	CLC-22-0187	Privacy Assured Recovery of Compressively Sensed ECG Signals		2022
188	CLC-22-0188	Dynamic Task Allocation and Service Migration in EdgeCloud IoT System Based on Deep Reinforcement Learning *		2022
189	CLC-22-0189	Rebate Auction Mechanisms for Bidirectional Grid Balancing Using Cloud Workload Migrations		2022
190	CLC-22-0190	Optimized Processing Placement Over a Vehicular Cloud		2022
191	CLC-22-0191	Disaggregation for Energy Efficient Fog in Future 6G Networks		2022
192	CLC-22-0192	A ResourceEfficient Predictive Resource Provisioning System in Cloud Systems *		2022
193	CLC-22-0193	BandArea Resource Management Platform and Accelerated Particle Swarm Optimization Algorithm for Container Deployment in InternetofThings Cloud		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
194	CLC-22-0194	UAVAssisted Edge Computing and Streaming for Wireless Virtual Reality Analysis Algorithm Design and Performance Guarantees *		2022
195	CLC-22-0195	Aerial Computing A New Computing Paradigm Applications and Challenges *		2022
196	CLC-22-0196	Parked Vehicles Task Offloading in Edge Computing		2022
197	CLC-22-0197	A CloudBased Platform for Service Restoration in Active Distribution Grids		2022
198	CLC-22-0198	DPRL Task Offloading Strategy Based on Differential Privacy and Reinforcement Learning in Edge Computing		2022
199	CLC-22-0199	Task Partitioning and Orchestration on Heterogeneous Edge Platforms The Case of Vision Applications *		2022
200	CLC-22-0200	A Novel Implementation Framework of Digital Twins for Intelligent Manufacturing Based on Container Technology and Cloud Manufacturing Services *		2022
201	CLC-22-0201	Utilizing Microservices Architecture for Enhanced Service Sharing in IoT Edge Environments		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
1	CYS-22-0001	Empirical Studies of TESLA Protocol Properties Implementations and Replacement of Public Cryptography Using Biometric Authentication		2022
2	CYS-22-0002	InMemory Associative Processors Tutorial Potential and Challenges *		2022
3	CYS-22-0003	Evaluation of Critical Node Groups in CyberPhysical Power Systems Based on Pinning Control Theory		2022
4	CYS-22-0004	Sparse and Balanced MDS Codes Over Small Fields *		2022
5	CYS-22-0005	CyberPhysical Attack Conduction and Detection in Decentralized Power Systems		2022
6	CYS-22-0006	A LargeScale Benchmark Dataset for Anomaly Detection and Rare Event Classification for Audio Forensics		2022
7	CYS-22-0007	Exploring Targeted and Stealthy False Data Injection Attacks via Adversarial Machine Learning *		2022
8	CYS-22-0008	DivergenceBased Transferability Analysis for SelfAdaptive Smart Grid Intrusion Detection With Transfer Learning		2022
9	CYS-22-0009	Emerging Technologies for Next Generation Remote Health Care and Assisted Living		2022
10	CYS-22-0010	Optimal Myopic Policy for Restless Bandit A Perspective of Eigendecomposition *		2022
11	CYS-22-0011	Compact Multiple AttributeBased Signatures With Key Aggregation and Its Application *		2022
12	CYS-22-0012	EXTTAURUM P2T An Extended Secure CANFD Architecture for Road Vehicles *		2022
13	CYS-22-0013	MultiClass Intrusion Detection Using TwoChannel Color Mapping in IEEE 80211 Wireless Network		2022
14	CYS-22-0014	Networked Security ObserverBased Reference Tracking Control of Stochastic Quadrotor UAV System Under CyberAttackTS Fuzzy Approach		2022
15	CYS-22-0015	Lightweight Tensor Deep Computation Model With Its Application in Intelligent Transportation Systems *		2022

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16	CYS-22-0016	SOC Critical Path A Defensive Kill Chain Model		2022
17	CYS-22-0017	Preventing Outages Under Coordinated CyberPhysical Attack With Secured PMUs *		2022
18	CYS-22-0018	Secure Encoded Instruction Graphs for EndtoEnd Data Validation in Autonomous Robots		2022
19	CYS-22-0019	Automatically Seed Corpus and Fuzzing Executables Generation Using Test Framework		2022
20	CYS-22-0020	Blind CamcordingResistant Video Watermarking in the DTCWT and SVD Domain		2022
21	CYS-22-0021	Differentially Private ByzantineRobust Federated Learning *		2022
22	CYS-22-0022	Influence Maximization Based on Network Motifs in Mobile Social Networks *		2022
23	CYS-22-0023	Optimizing Implementations of NonProfiled Deep LearningBased SideChannel Attacks		2022
24	CYS-22-0024	A Reinforcement Learning Approach for Defending Against Multiscenario Load Redistribution Attacks *		2022
25	CYS-22-0025	Hierarchical Blockchain Design for Distributed Control and Energy Trading Within Microgrids *		2022
26	CYS-22-0026	Efficient MemoryBounded Optimal Detection for GSMIMMO Systems *		2022
27	CYS-22-0027	False Data Detection in a Clustered Smart Grid Using Unscented Kalman Filter		2022
28	CYS-22-0028	Cyber Attack Detection and Isolation for a Quadrotor UAV With Modified Sliding Innovation Sequences *		2022
29	CYS-22-0029	PostAccident Cyberattack Event Analysis for Connected and Automated Vehicles		2022
30	CYS-22-0030	Edge Aware Domain Transformation for Face Sketch Synthesis *		2022

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31	CYS-22-0031	Adaptive Hierarchical Cyber Attack Detection and Localization in Active Distribution Systems *		2022
32	CYS-22-0032	ICSTASY An Integrated Cybersecurity Training System for Military Personnel		2022
33	CYS-22-0033	A GANBased Data Injection Attack Method on DataDriven Strategies in Power Systems *		2022
34	CYS-22-0034	SpearPhishing Susceptibility Stemming From Personality Traits		2022
35	CYS-22-0035	DARP An Efficient Scheme to Detect and Prevent ARP Spoofing		2022
36	CYS-22-0036	A Survey on Deep Learning Role in Distribution Automation System A New Collaborative LearningtoLearning L2L Concept		2022
37	CYS-22-0037	Machine Learning Based MultiAgent System for Detecting and Neutralizing Unseen CyberAttacks in AGC and HVDC Systems *		2022
38	CYS-22-0038	Systematic Literature Review on Cyber Situational Awareness Visualizations		2022
39	CYS-22-0039	A Redactable Blockchain Framework for Secure Federated Learning in Industrial Internet of Things *		2022
40	CYS-22-0040	Use chains to block DNS attacks A trusty blockchainbased domain name system		2022
41	CYS-22-0041	Parkinsons Disease Management via Wearable Sensors A Systematic Review		2022
42	CYS-22-0042	Covert Communication With Uninformed Backscatters in Hybrid ActivePassive Wireless Networks Modeling and Performance Analysis *		2022
43	CYS-22-0043	A Lightweight and PrivacyPreserving Mutual Authentication and Key Agreement Protocol for Internet of Drones Environment *		2022
44	CYS-22-0044	A Polynomial Approach to Verifying the Existence of a Threatening Sensor Attacker *		2022
45	CYS-22-0045	Triplet Relationship Guided Sampling Consensus for Robust Model Estimation *		2022

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46	CYS-22-0046	Blockchain for Industry 50 Vision Opportunities Key Enablers and Future Directions		2022
47	CYS-22-0047	Poison Ink Robust and Invisible Backdoor Attack *		2022
48	CYS-22-0048	Resilient Constrained Optimization in MultiAgent Systems With Improved Guarantee on Approximation Bounds *		2022
49	CYS-22-0049	Cyber Intrusion Detection System Based on a Multiobjective Binary Bat Algorithm for Feature Selection and Enhanced Bat Algorithm for Parameter Optimization in Neural Networks		2022
50	CYS-22-0050	OPTOS A Strategy of Online PreFiltering Task Offloading System in Vehicular Ad Hoc Networks		2022
51	CYS-22-0051	Brain Tumor and Glioma Grade Classification Using Gaussian Convolutional Neural Network		2022
52	CYS-22-0052	Sentiment Analysis of Weibo Comments Based on Graph Neural Network		2022
53	CYS-22-0053	Robust Network Intrusion Detection Through Explainable Artificial Intelligence XAI		2022
54	CYS-22-0054	A False Data Injection Attack Detection Method for Cooperative Charging Systems *		2022
55	CYS-22-0055	PowerFDNet Deep LearningBased Stealthy False Data Injection Attack Detection for ACModel Transmission Systems		2022
56	CYS-22-0056	Quantifying Location Privacy for Navigation Services in Sustainable Vehicular Networks *		2022
57	CYS-22-0057	Hybrid QuantumClassical Neural Network for CloudSupported InVehicle Cyberattack Detection *		2022
58	CYS-22-0058	Adversarial Machine Learning in Text Processing A Literature Survey		2022
59	CYS-22-0059	Forecasts on Future Evolution of Artificial Intelligence and Intelligent Systems		2022
60	CYS-22-0060	A CrossDisciplinary Outlook of Directions and Challenges in Industrial Electronics		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
61	CYS-22-0061	APIVADS A Novel PrivacyPreserving Pivot Attack Detection Scheme Based on Statistical Pattern Recognition *		2022
62	CYS-22-0062	A Highly Discriminative Detector Against False Data Injection Attacks in AC State Estimation *		2022
63	CYS-22-0063	Modified Particle Filters for Detection of False Data Injection Attacks and State Estimation in Networked Nonlinear Systems		2022
64	CYS-22-0064	Synthesizing AttackAware Control and Active Sensing Strategies Under Reactive Sensor Attacks *		2022
65	CYS-22-0065	MultiObjective False Data Injection Attacks of CyberPhysical Power Systems *		2022
66	CYS-22-0066	ForgeryNIR Deep Face Forgery and Detection in NearInfrared Scenario *		2022
67	CYS-22-0067	Secure Formation Control via Edge Computing Enabled by Fully Homomorphic Encryption and Mixed UniformLogarithmic Quantization		2022
68	CYS-22-0068	SingleTrace Attack Using OneShot Learning With Siamese Network in NonProfiled Setting		2022
69	CYS-22-0069	UnderDisplay Camera Image Enhancement via Cascaded Curve Estimation *		2022
70	CYS-22-0070	CONGO Scalable Online Anomaly Detection and Localization in Power Electronics Networks *		2022
71	CYS-22-0071	Efficient Certificateless Conditional PrivacyPreserving Authentication for VANETs *		2022
72	CYS-22-0072	Combining LongTerm Recurrent Convolutional and Graph Convolutional Networks to Detect Phishing Sites Using URL and HTML		2022
73	CYS-22-0073	Unified ITOT Modeling for Cybersecurity Analysis of CyberPhysical Systems		2022
74	CYS-22-0074	RealTime Detection of False Readings in Smart Grid AMI Using Deep and Ensemble Learning		2022
75	CYS-22-0075	RTIDS A Robust TransformerBased Approach for Intrusion Detection System		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
76	CYS-22-0076	kUniform States in Heterogeneous Systems *		2022
77	CYS-22-0077	Reinforcing Communication on the Internet of Aerial Vehicles *		2022
78	CYS-22-0078	SingleLeaderMultipleFollowers Stackelberg Security Game With Hypergame Framework *		2022
79	CYS-22-0079	A Graph Signal Processing Framework for Detecting and Locating Cyber and Physical Stresses in Smart Grids *		2022
80	CYS-22-0080	CyberAttack on P2P Energy Transaction Between Connected Electric Vehicles A False Data Injection Detection Based Machine Learning Model		2022
81	CYS-22-0081	StateLabeled Safety Analysis of Modular Observers for Opacity Verification *		2022
82	CYS-22-0082	A Formal Model and Verification for HESTIA An Automated AdversaryAware Risk Assessment Process for Cyber Infrastructure		2022
83	CYS-22-0083	PrivacyEnhanced and Practical Truth Discovery in TwoServer Mobile Crowdsensing *		2022
84	CYS-22-0084	Detection Tolerant BlackBox Adversarial Attack Against Automatic Modulation Classification With Deep Learning *		2022
85	CYS-22-0085	ModelBased Dynamic EventTriggered Control for CyberPhysical Systems Subject to Dynamic Quantization and DoS Attacks *		2022
86	CYS-22-0086	ConcSpectre Be Aware of Forthcoming Malware Hidden in Concurrent Programs *		2022
87	CYS-22-0087	Wireless Radar Sensor Networks Epidemiological Modeling and Optimization *		2022
88	CYS-22-0088	AlParsing AnchorFree InstanceLevel Human Parsing *		2022
89	CYS-22-0089	SimCSE for Encrypted Traffic Detection and ZeroDay Attack Detection		2022
90	CYS-22-0090	On NonDetectability of NonComputability and the Degree of NonComputability of Solutions of Circuit and Wave Equations on Digital Computers *		2022

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91	CYS-22-0091	Cyberphysical Security of Grid Battery Energy Storage Systems		2022
92	CYS-22-0092	Combating Adversarial Covert Channels in WiFi Networks		2022
93	CYS-22-0093	Distributed Resilient DoubleGradientDescent Based Energy Management Strategy for MultiEnergy System Under DoS Attacks *		2022
94	CYS-22-0094	Turing Meets Shannon On the Algorithmic Construction of ChannelAware Codes *		2022
95	CYS-22-0095	A DoubleBenefit Moving Target Defense Against CyberPhysical Attacks in Smart Grid *		2022
96	CYS-22-0096	Design of False Data Injection Attack on Distributed Process Estimation *		2022
97	CYS-22-0097	A PrivacyPreserving Multidimensional Range Query Scheme for EdgeSupported Industrial IoT *		2022
98	CYS-22-0098	CyberAttacks in Modular Multilevel Converters *		2022
99	CYS-22-0099	Cheating and Detection Method in Massively Multiplayer Online RolePlaying Game Systematic Literature Review		2022
100	CYS-22-0100	A BiometricsBased Behavioral Trust Framework for Continuous Mobile Crowd Sensing Recruitment		2022
101	CYS-22-0101	Data Embedding Scheme for Efficient Program Behavior Modeling With Neural Networks		2022
102	CYS-22-0102	Asymptotically Guaranteed AntiJamming Spread Spectrum Random Access Without PreShared Secret *		2022
103	CYS-22-0103	Robust Botnet DGA Detection Blending XAI and OSINT for Cyber Threat Intelligence Sharing		2022
104	CYS-22-0104	A DNN Fingerprint for NonRepudiable Model Ownership Identification and Piracy Detection *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
105	CYS-22-0105	A Generalized Hold Based Countermeasure Against ZeroDynamics Attack With Application to DCDC Converter		2022
106	CYS-22-0106	Statistical Effective Fault Attacks The Other Side of the Coin *		2022
107	CYS-22-0107	TTIDS TransmissionResuming TimeBased Intrusion Detection System for Controller Area Network CAN		2022
108	CYS-22-0108	Incomplete Information Stochastic Game Theoretic Vulnerability Management for WideArea Damping Control Against Cyber Attacks *		2022
109	CYS-22-0109	Action Shuffling for Weakly Supervised Temporal Localization *		2022
110	CYS-22-0110	A Survey of Cyber Attacks on Cyber Physical Systems Recent Advances and Challenges *		2022
111	CYS-22-0111	Helper Data Masking for Physically Unclonable FunctionBased Key Generation Algorithms		2022
112	CYS-22-0112	An Intelligent TwoStage InVehicle DiagnosticBased Secured Framework		2022
113	CYS-22-0113	snWF Website Fingerprinting Attack by Ensembling the Snapshot of Deep Learning *		2022
114	CYS-22-0114	Genetic AlgorithmBased Cumulative Sum Method for Jamming Attack Detection of CyberPhysical Power Systems *		2022
115	CYS-22-0115	A Comprehensive Analysis of Todays Malware and Its Distribution Network Common Adversary Strategies and Implications		2022
116	CYS-22-0116	A Survey on Network Security for CyberPhysical Systems From Threats to Resilient Design *		2022
117	CYS-22-0117	Aggregation and Transformation of VectorValued Messages in the Shuffle Model of Differential Privacy		2022
118	CYS-22-0118	Prediction of Diabetes Empowered With Fused Machine Learning		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
119	CYS-22-0119	A Novel Multipurpose Watermarking Scheme Capable of Protecting and Authenticating Images With Tamper Detection and Localisation Abilities		2022
120	CYS-22-0120	Resilient Dynamic Average Consensus of Multiagent Systems		2022
121	CYS-22-0121	ContextAware Online Client Selection for Hierarchical Federated Learning *		2022
122	CYS-22-0122	CyberPhysical Systems Enabled Transport Networks in Smart Cities Challenges and Enabling Technologies of the New Mobility Era		2022
123	CYS-22-0123	LbSP LoadBalanced Secure and Private Autonomous Electric Vehicle Charging Framework With Online Price Optimization *		2022
124	CYS-22-0124	A Comprehensive Review of Cybersecurity in InverterBased Smart Power System Amid the Boom of Renewable Energy		2022
125	CYS-22-0125	Tensorial MultiView Clustering via LowRank Constrained HighOrder Graph Learning *		2022
126	CYS-22-0126	An UltraScalable Blockchain Platform for Universal Asset Tokenization Design and Implementation		2022
127	CYS-22-0127	Efficient ECU Analysis Technology Through StructureAware CAN Fuzzing		2022
128	CYS-22-0128	DynamicLineRatingBased Robust Corrective Dispatch Against Load Redistribution Attacks With Unknown Objectives *		2022
129	CYS-22-0129	DataDriven False Data Injection Attack A LowRank Approach *		2022
130	CYS-22-0130	Machine Learning and Deep Learning Approaches for CyberSecurity A Review		2022
131	CYS-22-0131	A Distributed Authentication Scheme Based on Smart Contract for Roaming Service in Mobile Vehicular Networks *		2022
132	CYS-22-0132	EventTriggering and Quantized Sliding Mode Control of UMV Systems Under DoS Attack *		2022
133	CYS-22-0133	AnomalyAdapters ParameterEfficient MultiAnomaly Task Detection		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
134	CYS-22-0134	A Fast Centroiding Algorithm for Digital Sun Sensors for Nanosatellite Applications *		2022
135	CYS-22-0135	Robust Natural Language Processing Recent Advances Challenges and Future Directions		2022
136	CYS-22-0136	Digital Twin A Comprehensive Survey of Security Threats *		2022
137	CYS-22-0137	A Differentially Private Framework for Deep Learning With Convexified Loss Functions *		2022
138	CYS-22-0138	Assistive Devices Analysis for Visually Impaired Persons A Review on Taxonomy		2022
139	CYS-22-0139	fASLR FunctionBased ASLR via TrustZoneM and MPU for ResourceConstrained IoT Systems *		2022
140	CYS-22-0140	Review of Blockchain Potential Applications in the Electricity Sector and Challenges for Large Scale Adoption		2022
141	CYS-22-0141	Modeling Cascading Failures in Coupled Smart Grid Networks		2022
142	CYS-22-0142	P2TIF A Blockchain and Deep Learning Framework for PrivacyPreserved Threat Intelligence in Industrial IoT *		2022
143	CYS-22-0143	Information Dissemination With ServiceOriented Incentive Mechanism in Industrial Internet of Things *		2022
144	CYS-22-0144	Identification of System Vulnerability Under a Smart Sensor Attack via Attack Model Reduction *		2022
145	CYS-22-0145	Selective Staining on NonVolatile Memory Cells for Data Retrieval *		2022
146	CYS-22-0146	Cyber LOPA An Integrated Approach for the Design of Dependable and Secure CyberPhysical Systems *		2022
147	CYS-22-0147	Containment Control of Multiagent Systems Subject to Denial of Service Attacks		2022
148	CYS-22-0148	Cybersecurity Enhancement for MultilInfeed HighVoltage DC Systems *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
149	CYS-22-0149	Secure SampledData ObserverBased Control for Wind Turbine Oscillation Under Cyber Attacks *		2022
150	CYS-22-0150	Toward Efficient Safety Helmet Detection Based on YoloV5 With Hierarchical Positive Sample Selection and Box Density Filtering *		2022
151	CYS-22-0151	Toward Optimally Efficient Search With Deep Learning for LargeScale MIMO Systems *		2022
152	CYS-22-0152	IEC 61850 Compatible OpenPLC for Cyber Attack Case Studies on Smart Substation Systems		2022
153	CYS-22-0153	Resilient Filtering of Nonlinear Complex Dynamical Networks Under Randomly Occurring Faults and Hybrid CyberAttacks *		2022
154	CYS-22-0154	Hierarchical FrequencyAssisted Interactive Networks for Face Manipulation Detection *		2022
155	CYS-22-0155	Enhanced InfTESLA Protocol A Continuous Connectivity and Low Overhead Authentication Protocol via IoT Devices		2022
156	CYS-22-0156	The Quantum MultipleAccess Channel With Cribbing Encoders *		2022
157	CYS-22-0157	Dynamic ReducedOrder ObserverBased Detection of False Data Injection Attacks With Application to Smart Grid Systems *		2022
158	CYS-22-0158	Trust but Verify Cryptographic Data Privacy for Mobility Management *		2022
159	CYS-22-0159	HOPCTP A Robust Channel Categorization Data Preservation Scheme for Industrial Healthcare Internet of Things *		2022
160	CYS-22-0160	New Genetic Operators for Developing SBoxes With Low Boomerang Uniformity		2022
161	CYS-22-0161	BlockchainAssisted Distributed and Lightweight Authentication Service for Industrial Unmanned Aerial Vehicles *		2022
162	CYS-22-0162	Combine Supervised Edge and Semantic Supplement for Instance Segmentation		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
163	CYS-22-0163	An Intrusion Detection System for WebBased Attacks Using IBM Watson *		2022
164	CYS-22-0164	Assessing the Robustness of CyberPhysical Power Systems by Considering WideArea Protection Functions *		2022
165	CYS-22-0165	Anomaly Detection for Insider Attacks From Untrusted Intelligent Electronic Devices in Substation Automation Systems		2022
166	CYS-22-0166	Cost Reassignment for Improving Security of Adaptive Steganography Using an Artificial Immune System *		2022
167	CYS-22-0167	A Novel DeepLearning Model for RDTS Signal Denoising Based on DownSampling and Convolutional Neural Network *		2022
168	CYS-22-0168	CoordinateOrderingFree Upper Bounds for Linear InsertionDeletion Codes *		2022
169	CYS-22-0169	Security Control for MultiTimeScale CPSs Under DoS Attacks An Improved Dynamic EventTriggered Mechanism *		2022
170	CYS-22-0170	Personal Voice Assistant Security and PrivacyA Survey		2022
171	CYS-22-0171	A New Injection Threat on S71500 PLCs Disrupting the Physical Process Offline		2022
172	CYS-22-0172	OutputFeedback Design of Longitudinal Platooning With Adaptive Disturbance Decoupling *		2022
173	CYS-22-0173	Novel Resistive Distance Descriptors on Complex Network		2022
174	CYS-22-0174	Efficient KPI Anomaly Detection Through Transfer Learning for LargeScale Web Services *		2022
175	CYS-22-0175	From computer vision to short text understanding Applying similar approaches into different disciplines		2022
176	CYS-22-0176	Design and Emulation of PhysicsCentric Cyberattacks on an Electrical Power Transformer		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
177	CYS-22-0177	SAKE A Symmetric Authenticated Key Exchange Protocol With Perfect Forward Secrecy for Industrial Internet of Things *		2022
178	CYS-22-0178	A Comprehensive Survey on Blockchain in Industrial Internet of Things Motivations Research Progresses and Future Challenges *		2022
179	CYS-22-0179	DVAEGMM Dual Variational Autoencoder With Gaussian Mixture Model for Anomaly Detection on Attributed Networks		2022
180	CYS-22-0180	AttackIsolationBased Resilient Control of LargeScale Systems Against Collusive Attacks *		2022
181	CYS-22-0181	Dual LocalityBased Flash Translation Layer for NAND FlashBased Consumer Electronics *		2022
182	CYS-22-0182	A Distributionally Robust Scheme for Critical Component Identification to Bolster CyberPhysical Resilience of Power Systems *		2022
183	CYS-22-0183	Recent Advances in Artificial Intelligence for Wireless Internet of Things and CyberPhysical Systems A Comprehensive Survey *		2022
184	CYS-22-0184	Digital Healthcare Cyberattacks in Asian Organizations An Analysis of Vulnerabilities Risks NIST Perspectives and Recommendations		2022
185	CYS-22-0185	Security of IoT Device Perspective ForensicAntiForensic Issues on Invalid Area of NAND Flash Memory		2022
186	CYS-22-0186	Super Learner Ensemble for Anomaly Detection and CyberRisk Quantification in Industrial Control Systems *		2022
187	CYS-22-0187	A Class of Nonlinear Kalman Filters Under a Generalized Measurement Model With False Data Injection Attacks *		2022
188	CYS-22-0188	Automatic Detection of DGAEnabled Malware Using SDN and Traffic Behavioral Modeling *		2022
189	CYS-22-0189	A Malware Detection Approach Using Autoencoder in Deep Learning		2022

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190	CYS-22-0190	False Data Injection Attacks Against State Estimation Without Knowledge of Estimators *		2022
191	CYS-22-0191	TEGRAS An Efficient Tegra Embedded GPUBased RSA Acceleration Server *		2022
192	CYS-22-0192	CyberAttack Identification of Synchrophasor Data Via VMD and Multifusion SVM *		2022
193	CYS-22-0193	VarianceConstrained Filtering Fusion for Nonlinear CyberPhysical Systems With the DenialofService Attacks and Stochastic Communication Protocol *		2022
194	CYS-22-0194	An Efficient IdentityBased Aggregate Signcryption Scheme With Blockchain for IoTEnabled Maritime Transportation System *		2022
195	CYS-22-0195	Consistent SubDecision Network for LowQuality Masked Face Recognition *		2022
196	CYS-22-0196	A Hybrid Approach Toward Efficient and Accurate Intrusion Detection for InVehicle Networks		2022
197	CYS-22-0197	Binary Exploitation in Industrial Control Systems Past Present and Future		2022
198	CYS-22-0198	Multimodal Classification of Onion Services for Proactive Cyber Threat Intelligence Using Explainable Deep Learning		2022
199	CYS-22-0199	NextGeneration Multiple Access Based on NOMA With Power Level Modulation *		2022
200	CYS-22-0200	Constructing Mobile Crowdsourced COVID19 Vulnerability Map With GeoIndistinguishability *		2022
201	CYS-22-0201	A Cognitive Deception Model for Generating Fake Documents to Curb Data Exfiltration in Networks During CyberAttacks		2022
202	CYS-22-0202	TEMNLnet A Deep Denoising Network for Transient Electromagnetic Signal With Noise Learning *		2022
203	CYS-22-0203	An Online EntropyBased DDoS Flooding Attack Detection System With Dynamic Threshold *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
1	DAM-22-0001	A Novel Iterative PAMRNet Multiple Noise Suppression and Weak Signals Recovery for Downhole DAS Data *		2022
2	DAM-22-0002	Educational Data Mining to Support Programming Learning Using ProblemSolving Data		2022
3	DAM-22-0003	Implementation of a Secure Storage Using Blockchain for PCAFRF Sensor Data of PlateLike Structures		2022
4	DAM-22-0004	S2QNet Mining the HighPass Filtered Phase Data in Susceptibility Weighted Imaging for Quantitative Susceptibility Mapping *		2022
5	DAM-22-0005	Expand Dimensional of Seismic Data and Random Noise Attenuation Using LowRank Estimation		2022
6	DAM-22-0006	Toward Automatic Interpretation of Narrative Feedback in CompetencyBased Portfolios *		2022
7	DAM-22-0007	DistributedSwarm A RealTime Pattern Detection Model Based on Density Clustering		2022
8	DAM-22-0008	Can We Predict Student Performance Based on Tabular and Textual Data		2022
9	DAM-22-0009	GraphFeatureEnhanced Selective Assignment Network for Hyperspectral and Multispectral Data Classification *		2022
10	DAM-22-0010	Dynamic Monitoring of Mining Destruction on Coal Seam Floor With Constrained TimeLapse Resistivity Imaging Inversion		2022
11	DAM-22-0011	Transfer Learning Model Knowledge Across MultiSensors Locations Over Body Sensor Network *		2022
12	DAM-22-0012	An Opinion Mining Approach to Handle Perspectivism and Ambiguity Moving Toward Neutrosophic Logic		2022
13	DAM-22-0013	Experimental Verification on HumanCentric NetworkBased Resource Allocation Approaches for ProcessAware Information Systems		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
14	DAM-22-0014	Analysis and Prediction of Students Academic Performance Based on Educational Data Mining		2022
15	DAM-22-0015	Extremely Randomized Trees With Privacy Preservation for Distributed Structured Health Data		2022
16	DAM-22-0016	Experimental Evaluation of eMMC Data Recovery *		2022
17	DAM-22-0017	A Toolkit for DataDriven Discovery of Governing Equations in HighNoise Regimes		2022
18	DAM-22-0018	Rolling Bearing Fault Severity Recognition via Data Mining Integrated With Convolutional Neural Network *		2022
19	DAM-22-0019	Toward Building a Linked Open Data Cloud to Predict and Regulate Social Relations in the Saudi Society		2022
20	DAM-22-0020	Screening Process Mining and Value Stream Techniques on Industrial Manufacturing Processes Process Modelling and Bottleneck Analysis		2022
21	DAM-22-0021	A Conditional Deep Framework for Automatic Layout Generation		2022
22	DAM-22-0022	Discriminative Feature Mining and Enhancement Network for LowResolution FineGrained Image Recognition *		2022
23	DAM-22-0023	A Novel Unsupervised DataDriven Method for Electricity Theft Detection in AMI Using Observer Meters *		2022
24	DAM-22-0024	SGMiner A Fast and Scalable GPUBased Frequent Pattern Miner on SSDs *		2022
25	DAM-22-0025	Geological Remote Sensing Interpretation Using Deep Learning Feature and an Adaptive Multisource Data Fusion Network *		2022
26	DAM-22-0026	SingleStream CNN With Learnable Architecture for Multisource Remote Sensing Data *		2022
27	DAM-22-0027	Generic Itemset Mining Based on Reinforcement Learning		2022

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28	DAM-22-0028	Unsupervised Outlier Detection for MixedValued Dataset Based on the Adaptive kNearest Neighbor Global Network		2022
29	DAM-22-0029	Data Augmentation Using Bitplane Information Recombination Model *		2022
30	DAM-22-0030	A Hybrid DataDriven Method for StateofCharge Estimation of LithiumIon Batteries *		2022
31	DAM-22-0031	Educational Data Mining A Bibliometric Analysis of an Emerging Field		2022
32	DAM-22-0032	Fault Diagnosis of Bearings With the CommonDomain Data		2022
33	DAM-22-0033	A Multisensor Data Fusion Model for Semantic Segmentation in Aerial Images *		2022
34	DAM-22-0034	On the Design of Student Assessment Model Based on Intelligence Quotient Using Machine Learning		2022
35	DAM-22-0035	Exploration and Visualization of Learning Behavior Patterns From the Perspective of Educational Process Mining		2022
36	DAM-22-0036	Deep Hierarchical Vision Transformer for Hyperspectral and LiDAR Data Classification *		2022
37	DAM-22-0037	Data Imputation for Multivariate Time Series Sensor Data With Large Gaps of Missing Data *		2022
38	DAM-22-0038	Do You Believe Your Social Media Data A Personal Story on Location Data Biases Errors and Plausibility as Well as Their Visualization *		2022
39	DAM-22-0039	Mining Common Syntactic Patterns used by Java Programmers *		2022
40	DAM-22-0040	Using 4D Seismic Data for Detecting Gob Areas of Coal Mines A Case Study From the Zhangji Coal Mine *		2022
41	DAM-22-0041	Discovering System Dynamics Simulation Models Using Process Mining		2022
42	DAM-22-0042	Manifold Discovery for HighDimensional Data Using Deep Method		2022
43	DAM-22-0043	OpenPit Mine Area Mapping With Gaofen2 Satellite Images Using UNet		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
44	DAM-22-0044	Deblending of SimultaneousSource Seismic Data Based on Deep Convolutional Neural Network *		2022
45	DAM-22-0045	Ratemaking Model of Usage Based Insurance Based on Driving Behaviors Classification		2022
46	DAM-22-0046	An Optimized Multisource Bilinear Convolutional Neural Network Model for Flame Image Identification of Coal Mine		2022
47	DAM-22-0047	Online PrivacyPreserving DataDriven Network Anomaly Detection *		2022
48	DAM-22-0048	Discover Customers Gender From Online Shopping Behavior		2022
49	DAM-22-0049	Diffraction Extraction Using a LowRank Matrix Approximation Method *		2022
50	DAM-22-0050	Variation Analysis of Spectral Characteristics of Reclamation Vegetation in a Rare Earth Mining Area Under Environmental Stress *		2022
51	DAM-22-0051	System Failure Detection Using Deep Learning Models Integrating Timestamps With Nonuniform Intervals		2022
52	DAM-22-0052	Practically Implementation of Information Loss Sensitivity Risk by Different Feature Selection Techniques		2022
53	DAM-22-0053	A Novel MeanShift Algorithm for Data Clustering		2022
54	DAM-22-0054	Deeply Trained RealTime Body Sensor Networks for Analyzing the Symptoms of Parkinsons Disease		2022
55	DAM-22-0055	Steganalysis of Compressed Speech Based on Global and Local Correlation Mining		2022
56	DAM-22-0056	Exploration of Mined Block Temporarily Holding and Enforce Fork Attacks by Selfish Mining Pool in ProofOfWork Blockchain Systems		2022
57	DAM-22-0057	A Hybrid GANBased Approach to Solve Imbalanced Data Problem in Recommendation Systems		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
58	DAM-22-0058	Student Retention Using Educational Data Mining and Predictive Analytics A Systematic Literature Review		2022
59	DAM-22-0059	Machine Learning Algorithms for COPD Patients Readmission Prediction A Data Analytics Approach		2022
60	DAM-22-0060	Research on an Online Monitoring System for Efficient and Accurate Monitoring of Mine Water		2022
61	DAM-22-0061	A Novel Deep Learning BiGRU Model for RealTime Human Activity Recognition Using Inertial Sensors *		2022
62	DAM-22-0062	Systematic Review of Using Machine Learning in Imputing Missing Values		2022
63	DAM-22-0063	Distributed Acoustic Sensing Vertical Seismic Profile Data Denoising Based on Multistage Denoising Network *		2022
64	DAM-22-0064	DataDriven Anomaly Detection and Event Log Profiling of SCADA Alarms		2022
65	DAM-22-0065	Efficient Sample and Feature Importance Mining in SemiSupervised EEG Emotion Recognition *		2022
66	DAM-22-0066	A Stronger Baseline for Seismic Facies Classification With Less Data *		2022
67	DAM-22-0067	Defining Reasonably Foreseeable Parameter Ranges Using RealWorld Traffic Data for ScenarioBased Safety Assessment of Automated Vehicles		2022
68	DAM-22-0068	Fusing User Preferences and Spatiotemporal Information for Sequential Recommendation		2022
69	DAM-22-0069	Improving Process Discovery Algorithms Using Event Concatenation		2022
70	DAM-22-0070	An Efficient Data Mining Technique for Assessing Satisfaction Level With Online Learning for Higher Education Students During the COVID19		2022
71	DAM-22-0071	Adopting DigitalOriented Work Practices That Facilitate Work Satisfaction		2022
72	DAM-22-0072	EnergyEfficient Resource Allocation for NOMABased Heterogeneous 5G Mine Internet of Things		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
73	DAM-22-0073	Introduction of an Assistance System to Support Domain Experts in Programming LowCode to Leverage Industry 50 *		2022
74	DAM-22-0074	Automatic Conversion of Event Data to Event Logs Using CNN and Event Density Embedding		2022
75	DAM-22-0075	An Interrelated DecisionMaking Model for an Intelligent Decision Support System in Healthcare		2022
76	DAM-22-0076	Leveraging the InnovationBased Learning Framework to Predict and Understand Student Success in Innovation		2022
77	DAM-22-0077	Research on Performance Evaluation of Urban Furniture Function Design Based on Internet of Things Digitization		2022
78	DAM-22-0078	Cell Based Raft Algorithm for Optimized Consensus Process on Blockchain in Smart Data Market		2022
79	DAM-22-0079	Exploratory Analysis of Topic Interests and Their Evolution in Bioinformatics Research Using Semantic Text Mining and Probabilistic Topic Modeling		2022
80	DAM-22-0080	IntelliDaM A Machine LearningBased Framework for Enhancing the Performance of DecisionMaking Processes A Case Study for Educational Data Mining		2022
81	DAM-22-0081	Mining Transactional Databases for Frequent and HighUtility Fuzzy Sequential Patterns With Time Intervals		2022
82	DAM-22-0082	Privacy Preserving Data Mining Framework for Negative Association Rules An Application to Healthcare Informatics		2022
83	DAM-22-0083	Learning Global Proliferation Expertise Evolution Using AIDriven Analytics and Public Information *		2022
84	DAM-22-0084	HFMNet Hierarchical Feature Mining Network for LowLight Image Enhancement *		2022
85	DAM-22-0085	A General Framework for Sorting Large Data Sets Using Independent Subarrays of Approximately Equal Length		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
86	DAM-22-0086	3iCubing An Interval Inverted Index Approach to Data Cubes		2022
87	DAM-22-0087	A Novel Framework for Unification of Association Rule Mining Online Analytical Processing and Statistical Reasoning		2022
88	DAM-22-0088	ContextMiner Mining Contextual Features for Conceptualizing Knowledge in Security Texts		2022
89	DAM-22-0089	A Visual Analytics Approach for Hardware System Monitoring with Streaming Functional Data Analysis *		2022
90	DAM-22-0090	Fast ExpansionBinsDetermination for Multiple Histograms Modification Based Reversible Data Hiding *		2022
91	DAM-22-0091	Fatality Prediction for Motor Vehicle Collisions Mining Big Data Using Deep Learning and Ensemble Methods		2022
92	DAM-22-0092	Inversion of Mine Transient Electromagnetic Data via the PSOGIS Algorithm From a Conical Source *		2022
93	DAM-22-0093	A Sequence MiningBased Novel Architecture for Detecting Fraudulent Transactions in Healthcare Systems		2022
94	DAM-22-0094	Construction and Evaluation of a HighQuality Corpus for Legal Intelligence Using Semiautomated Approaches *		2022
95	DAM-22-0095	Predictable Condition Analysis and Prediction Method of SBASInSAR Coal Mining Subsidence *		2022
96	DAM-22-0096	Private True Data Mining Differential Privacy Featuring Errors to Manage InternetofThings Data		2022
97	DAM-22-0097	TwoPath Aggregation Attention Network With QuadPatch Data Augmentation for FewShot Scene Classification *		2022
98	DAM-22-0098	Earth Observation Semantic Data Mining Latent Dirichlet AllocationBased Approach		2022

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99	DAM-22-0099	Identification of Mine Explosions Using Manifold Learning Techniques *		2022
100	DAM-22-0100	CrossDomain Slot Filling as Machine Reading Comprehension A New Perspective *		2022
101	DAM-22-0101	Development of an Embedding Framework for Clustering Scientific Papers		2022
102	DAM-22-0102	Enabling the Gap Between RPA and Process Mining User Interface Interactions Recorder		2022
103	DAM-22-0103	Multimodal Event Processing A NeuralSymbolic Paradigm for the Internet of Multimedia Things		2022
104	DAM-22-0104	Automated Triageing Medical Referral for Otorhinolaryngology Using Data Mining and Machine Learning Techniques		2022
105	DAM-22-0105	Endoscopic Ultrasound Image Recognition Based on Data Mining and Deep Learning		2022
106	DAM-22-0106	Monitoring Direct Current Resistivity During Coal Mining Process for Underground Water Detection An Experimental Case Study *		2022
107	DAM-22-0107	A Modelling Framework for EvidenceBased Public Health Policy Making *		2022
108	DAM-22-0108	Applicable Metamorphic Testing for ErasableItemset Mining		2022
109	DAM-22-0109	DataMined Continuous HipKnee Coordination Mapping With Motion Lag for LowerLimb Prosthesis Control		2022
110	DAM-22-0110	OnDemand Precise Tracking for EnergyConstrained UAVs in Underground Coal Mines *		2022
111	DAM-22-0111	Human Activity Recognition Based on Multichannel Convolutional Neural Network With Data Augmentation		2022

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1	DAL-22-0001	An EndtoEnd Deep Learning System for Hop Classification *		2022
2	DAL-22-0002	AIDriven Blind Signature Classification for IoT Connectivity A Deep Learning Approach *		2022
3	DAL-22-0003	An Improved AntiJamming Method Based on Deep Reinforcement Learning and Feature Engineering		2022
4	DAL-22-0004	SDFSLAM A Deep Learning Based Highly Accurate SLAM Using Monocular Camera Aiming at Indoor Map Reconstruction With Semantic and Depth Fusion		2022
5	DAL-22-0005	Seismic Volumetric Dip Estimation via Multichannel Deep Learning Model *		2022
6	DAL-22-0006	Dynamic Spectrum Access for InternetofThings Based on Federated Deep Reinforcement Learning *		2022
7	DAL-22-0007	Automatic Optimization of Volterra Equalizer With Deep Reinforcement Learning for IntensityModulated DirectDetection Optical Communications *		2022
8	DAL-22-0008	EndtoEnd Learning to Grasp via Sampling From Object Point Clouds *		2022
9	DAL-22-0009	Prolificacy Assessment of Spermatozoan via StateoftheArt Deep Learning Frameworks		2022
10	DAL-22-0010	The Negative BER Loss Function for Deep Learning Decoders *		2022
11	DAL-22-0011	A Survey on Deep Learning Based Channel Estimation in Doubly Dispersive Environments		2022
12	DAL-22-0012	A Deep LearningBased Framework for Parameters Calibration of Power Plant Models Using Event Playback Approach		2022
13	DAL-22-0013	Interference Suppression Using Deep Learning Current Approaches and Open Challenges		2022
14	DAL-22-0014	Robust Fovea Detection in Retinal OCT Imaging Using Deep Learning		2022
15	DAL-22-0015	Improved Semisupervised UNet Deep Learning Model for Forest Height Mapping With Satellite SAR and Optical Data		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
16	DAL-22-0016	Framework for Deep LearningBased Language Models Using MultiTask Learning in Natural Language Understanding A Systematic Literature Review and Future Directions		2022
17	DAL-22-0017	A Deep LearningBased Hyperspectral Keypoint Representation Method and Its Application for 3D Reconstruction		2022
18	DAL-22-0018	Deep LearningEnabled Inverse Design of 3094 GHz Psat3dB SiGe PA Supporting Concurrent Multiband Operation at MultiGbs *		2022
19	DAL-22-0019	DCTBased Deep Learning of Polarimetric Scattering From a Dielectric Cylinder *		2022
20	DAL-22-0020	Deep Learning for Object Detection and Segmentation in Videos Toward an Integration With Domain Knowledge		2022
21	DAL-22-0021	Parametric Circuit Fault Diagnosis Through OscillationBased Testing in Analogue Circuits Statistical and Deep Learning Approaches		2022
22	DAL-22-0022	Underwater Acoustic Communication Channel Modeling Using Reservoir Computing		2022
23	DAL-22-0023	Deep Reinforcement Learning Enabled SelfConfigurable NetworksonChip for HighPerformance and EnergyEfficient Computing Systems		2022
24	DAL-22-0024	Linear Regression vs Deep Learning for Signal Quality Monitoring in Coherent Optical Systems		2022
25	DAL-22-0025	Learning From Oracle DemonstrationsA New Approach to Develop Autonomous Intersection Management Control Algorithms Based on Multiagent Deep Reinforcement Learning		2022
26	DAL-22-0026	Deep Learning for Denoising An Attempt to Recover the Effective Magnetic Resonance Sounding Signal in the Presence of High Level Noise *		2022
27	DAL-22-0027	Factors in Emotion Recognition With Deep Learning Models Using Speech and Text on Multiple Corpora *		2022

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28	DAL-22-0028	Deep Reinforcement Learning Optimal Transmission Algorithm for Cognitive Internet of Things With RF Energy Harvesting *		2022
29	DAL-22-0029	MSARNet A Deep Learning Based Classification Approach for Learning the Maritime Environment *		2022
30	DAL-22-0030	Classifying Gas Data Measured Under Multiple Conditions Using Deep Learning		2022
31	DAL-22-0031	Sparse Hierarchical Table Ensemble A Deep Learning Alternative for Tabular Data		2022
32	DAL-22-0032	Convex Formulation of Overparameterized Deep Neural Networks		2022
33	DAL-22-0033	Deep LearningBased LongHorizon MPC Robust High Performing and Computationally Efficient Control for PMSM Drives *		2022
34	DAL-22-0034	DeepEnsemble and Multifaceted Behavioral Malware Variant Detection Model		2022
35	DAL-22-0035	Image Deep Learning Assisted Prediction of Mechanical and Corrosion Behavior for AlZnMg Alloys		2022
36	DAL-22-0036	Deep Learning Based Detection for Communications Systems With Radar Interference *		2022
37	DAL-22-0037	Deep Learning for Unsupervised Anomaly Localization in Industrial Images A Survey *		2022
38	DAL-22-0038	Deep Reinforcement Learning Based on LocationAware Imitation Environment for RIS Aided mmWave MIMO Systems *		2022
39	DAL-22-0039	Deep LearningBased Hybrid AnalogDigital Signal Processing in mmWave MassiveMIMO Systems		2022
40	DAL-22-0040	ResNetSE Channel AttentionBased Deep Residual Network for Complex Activity Recognition Using WristWorn Wearable Sensors		2022
41	DAL-22-0041	Face AntiSpoofing Using Transformers With RelationAware Mechanism *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
42	DAL-22-0042	A Deep Reinforcement Learning Framework for Fast Charging of Lilon Batteries *		2022
43	DAL-22-0043	Multigoal Visual Navigation With Collision Avoidance via Deep Reinforcement Learning *		2022
44	DAL-22-0044	Combining deep learning model compression techniques *		2022
45	DAL-22-0045	An Interpretable Deep Transfer LearningBased Remaining Useful Life Prediction Approach for Bearings With Selective Degradation Knowledge Fusion *		2022
46	DAL-22-0046	A Deep Learning Model to Predict Student Learning Outcomes in LMS Using CNN and LSTM		2022
47	DAL-22-0047	How to Accurately Monitor the Weld Penetration From Dynamic Weld Pool Serial Images Using CNNLSTM Deep Learning Model *		2022
48	DAL-22-0048	Improving Effectiveness of Different Deep Transfer LearningBased Models for Detecting Brain Tumors From MR Images		2022
49	DAL-22-0049	DeepGrading Deep Learning Grading of Corneal Nerve Tortuosity *		2022
50	DAL-22-0050	PDetector RealTime PWave Detection in a Seismic Waveform Recorded on a LowCost MEMS Accelerometer Using Deep Learning *		2022
51	DAL-22-0051	Learning MultiGranularity Temporal Characteristics for Face AntiSpoofing *		2022
52	DAL-22-0052	Transfer Learning and Deep Metric Learning for Automated Galaxy Morphology Representation		2022
53	DAL-22-0053	Assessing Schizophrenia Patients Through Linguistic and Acoustic Features Using Deep Learning Techniques		2022
54	DAL-22-0054	MsmcNet A Modular FewShot Learning Framework for Signal Modulation Classification *		2022
55	DAL-22-0055	MultiLeak DeepLearning SideChannel Analysis		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
56	DAL-22-0056	HARU Sleep A Deep LearningBased Sleep Scoring System With Wearable SheetType Frontal EEG Sensors		2022
57	DAL-22-0057	DSFAPINN Deep Spectral Feature Aggregation Physics Informed Neural Network		2022
58	DAL-22-0058	Deep Autoencoder for Hyperspectral Unmixing via GlobalLocal Smoothing *		2022
59	DAL-22-0059	Robotic VisualInertial Calibration via Deep Deterministic Policy Gradient Learning *		2022
60	DAL-22-0060	Robust Speech Emotion Recognition Using CNNLSTM Based on Stochastic Fractal Search Optimization Algorithm		2022
61	DAL-22-0061	CrossModality Contrastive Learning for Hyperspectral Image Classification *		2022
62	DAL-22-0062	A Robust Deep Learning Approach for the Quantitative Characterization and Clustering of Peach Tree Crowns Based on UAV Images *		2022
63	DAL-22-0063	Improving Automatic Control of UpperLimb Prosthesis Wrists Using GazeCentered Eye Tracking and Deep Learning		2022
64	DAL-22-0064	Robust H ObserverBased Reference Tracking Control Design of Nonlinear Stochastic Systems HJIEEmbedded Deep Learning Approach		2022
65	DAL-22-0065	A Deep LearningBased Approach for Inappropriate Content Detection and Classification of YouTube Videos		2022
66	DAL-22-0066	IPLF A Novel Image Pair Learning Fusion Network for Infrared and Visible Image *		2022
67	DAL-22-0067	A Deep Explainable Model for Fault Prediction Using IoT Sensors		2022
68	DAL-22-0068	Adaptive Call Center Workforce Management With Deep Neural Network and Reinforcement Learning		2022
69	DAL-22-0069	Age of InformationBased Scheduling for Wireless D2D Systems With a Deep Learning Approach *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
70	DAL-22-0070	On Coupling Classification and SuperResolution in Remote Urban Sensing An Integrated Deep Learning Approach		2022
71	DAL-22-0071	TargetOriented TimeLapse Elastic FullWaveform Inversion Constrained by Deep LearningBased Prior Model *		2022
72	DAL-22-0072	DeepCSA Deep Contrastive Learning for Dynamic Survival Analysis With Competing Risks *		2022
73	DAL-22-0073	Eliminating CSI Feedback Overhead via Deep LearningBased Data Hiding *		2022
74	DAL-22-0074	CrossDomain Contrastive Learning for Hyperspectral Image Classification *		2022
75	DAL-22-0075	SelfSupervised Deep Learning for Nonlinear Seismic Full Waveform Inversion *		2022
76	DAL-22-0076	Alternating Learning Approach for Variational Networks and Undersampling Pattern in Parallel MRI Applications *		2022
77	DAL-22-0077	Deep Learning of Transferable MIMO Channel Modes for 6G V2X Communications *		2022
78	DAL-22-0078	Open Set Recognition of Communication Signal Modulation Based on Deep Learning *		2022
79	DAL-22-0079	Unsupervised ComplexValued Sparse Feature Learning for PoSAR Image Classification *		2022
80	DAL-22-0080	Deep LearningBased Long Term Mortality Prediction in the National Lung Screening Trial		2022
81	DAL-22-0081	An Improved TwoStage Deep Reinforcement Learning Approach for Regulation Service Disaggregation in a Virtual Power Plant *		2022
82	DAL-22-0082	SpectralSpatial Classification of Few Shot Hyperspectral Image With Deep 3D Convolutional Random Fourier Features Network *		2022
83	DAL-22-0083	Lightweight Inception Networks for the Recognition and Detection of Rice Plant Diseases *		2022

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84	DAL-22-0084	DeepPrecognitive Diagnosis Preventing Future Pandemics by Novel Disease Detection With BiologicallyInspired ConvFuzzy Network		2022
85	DAL-22-0085	Hybrid Deep Learning Framework for Reduction of Mixed Noise via Low Rank Noise Estimation		2022
86	DAL-22-0086	A Review of the State of the Art and Future Challenges of Deep LearningBased Beamforming		2022
87	DAL-22-0087	A Review on Bayesian Deep Learning in Healthcare Applications and Challenges		2022
88	DAL-22-0088	Deep LearningBased Classification of Reduced Lung Ultrasound Data From COVID19 Patients *		2022
89	DAL-22-0089	Deep Learning Models to Predict Sea Surface Temperature in Tohoku Region		2022
90	DAL-22-0090	DeepFeat Robust LargeScale MultiFeatures Outdoor Localization in LTE Networks Using Deep Learning		2022
91	DAL-22-0091	Deep Transfer Learning for Wall Bulge Endpoints Regression for Autonomous Decoration Robots		2022
92	DAL-22-0092	DRFLVAT Deep Representative Feature Learning With Virtual Adversarial Training for Semisupervised Classification of Hyperspectral Image *		2022
93	DAL-22-0093	Indirect MultiEnergy Transactions of Energy Internet With Deep Reinforcement Learning Approach *		2022
94	DAL-22-0094	MetaLabelNet Learning to Generate SoftLabels From NoisyLabels *		2022
95	DAL-22-0095	A Survey of Deep Learning for Retinal Blood Vessel Segmentation Methods Taxonomy Trends Challenges and Future Directions		2022
96	DAL-22-0096	A New Multipredictor Ensemble Decision Framework Based on Deep Reinforcement Learning for Regional GDP Prediction		2022
97	DAL-22-0097	Unsupervised SpectralSpatial Semantic Feature Learning for Hyperspectral Image Classification *		2022

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98	DAL-22-0098	Deep LearningAided User Association and Power Control With Renewable Energy Sources *		2022
99	DAL-22-0099	Automated Dysarthria Severity Classification A Study on Acoustic Features and Deep Learning Techniques		2022
100	DAL-22-0100	UCDNet A Deep Learning Model for Urban Change Detection From BiTemporal Multispectral Sentinel2 Satellite Images *		2022
101	DAL-22-0101	Deep Koopman Operator With Control for Nonlinear Systems *		2022
102	DAL-22-0102	An EntropyWeighted Network for Polar Sea Ice Open Lead Detection From Sentinel1 SAR Images *		2022
103	DAL-22-0103	Damage Detection Method of Mining Conveyor Belt Based on Deep Learning *		2022
104	DAL-22-0104	Gated Broad Learning System Based on Deep Cascaded for Soft Sensor Modeling of Industrial Process *		2022
105	DAL-22-0105	Acoustic Source Localization in the Circular Harmonic Domain Using Deep Learning Architecture *		2022
106	DAL-22-0106	Home Energy Recommendation System HERS A Deep Reinforcement Learning Method Based on Residents Feedback and Activity *		2022
107	DAL-22-0107	Deep Neural NetworkBased Sorghum Adulteration Detection in Baijiu Brewing		2022
108	DAL-22-0108	Revealing Influence of Meteorological Conditions on Air Quality Prediction Using Explainable Deep Learning		2022
109	DAL-22-0109	A Deep LearningBased Fault Diagnosis of LeaderFollowing Systems		2022
110	DAL-22-0110	Deep Learning for Phishing Detection Taxonomy Current Challenges and Future Directions		2022
111	DAL-22-0111	Performance Analysis of Deep LearningBased Routing Protocol for an Efficient Data Transmission in 5G WSN Communication		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
112	DAL-22-0112	Dynamic Multitarget Assignment Based on Deep Reinforcement Learning		2022
113	DAL-22-0113	An Analysis on Ensemble Learning Optimized Medical Image Classification With Deep Convolutional Neural Networks		2022
114	DAL-22-0114	DeepPAD Detection of Peripheral Arterial Disease Using Deep Learning *		2022
115	DAL-22-0115	The Fusion of Physical Textural and Morphological Information in SAR Imagery for Hurricane Wind Speed Retrieval Based on Deep Learning *		2022
116	DAL-22-0116	Deep Neural Network An Alternative to Traditional Channel Estimators in Massive MIMO Systems *		2022
117	DAL-22-0117	Forecasting the Effects of RealTime Indoor PM25 on Peak Expiratory Flow Rates PEFR of Asthmatic Children in Korea A Deep Learning Approach		2022
118	DAL-22-0118	Intelligent Handover Algorithm for VehicletoNetwork Communications With DoubleDeep QLearning		2022
119	DAL-22-0119	A Comprehensive Review of Deep Learning Strategies in Retinal Disease Diagnosis Using Fundus Images		2022
120	DAL-22-0120	Deep Neural NetworkBased Surrogate Model for Optimal Component Sizing of Power Converters Using Deep Reinforcement Learning		2022
121	DAL-22-0121	PhysicsInformed Deep Learning for Traffic State Estimation Illustrations With LWR and CTM Models		2022
122	DAL-22-0122	Deep Spectrum Cartography Completing Radio Map Tensors Using Learned Neural Models *		2022
123	DAL-22-0123	Efficient Load Frequency Control of Renewable Integrated Power System A Twin Delayed DDPGBased Deep Reinforcement Learning Approach		2022
124	DAL-22-0124	Design and Application of Automatic Feedback Scaffolding in Forums to Promote Learning *		2022
125	DAL-22-0125	Automatic Modulation Classification Based on Decentralized Learning and Ensemble Learning *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
126	DAL-22-0126	An Interpretable Deep Learning Classifier for Epileptic Seizure Prediction Using EEG Data		2022
127	DAL-22-0127	Joint Pilot Design and Channel Estimation Using Deep Residual Learning for MultiCell Massive MIMO Under Hardware Impairments *		2022
128	DAL-22-0128	On the Deep Learning Models for EEGBased BrainComputer Interface Using Motor Imagery		2022
129	DAL-22-0129	DAC Stacking A Deep Learning Ensemble to Classify Anxiety Depression and Their Comorbidity From Reddit Texts *		2022
130	DAL-22-0130	Deep Feature Learning for Intrinsic Signature Based Camera Discrimination		2022
131	DAL-22-0131	Balancing Fairness and Energy Efficiency in SWIPTBased D2D Networks Deep Reinforcement Learning Based Approach		2022
132	DAL-22-0132	DSLBC Deep Subspace Learning With Boundary Consistency for Hyperspectral Image Classification *		2022
133	DAL-22-0133	Remote Sensing Image Scene Classification by Multiple Granularity Semantic Learning		2022
134	DAL-22-0134	An Analysis on Financial Statement Fraud Detection for Chinese Listed Companies Using Deep Learning		2022
135	DAL-22-0135	Optimizing Energy Efficiency in UAVAssisted Networks Using Deep Reinforcement Learning		2022
136	DAL-22-0136	SpectralSpatial Deep Support Vector Data Description for Hyperspectral Anomaly Detection *		2022
137	DAL-22-0137	BubbLEX An Explainable Deep Learning Framework for PointCloud Classification		2022
138	DAL-22-0138	A Framework for Deep Multitask Learning With Multiparametric Magnetic Resonance Imaging for the Joint Prediction of Histological Characteristics in Breast Cancer *		2022
139	DAL-22-0139	Absorption Attenuation Compensation Using an EndtoEnd Deep Neural Network *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
140	DAL-22-0140	Learning to Operate Distribution Networks With Safe Deep Reinforcement Learning *		2022
141	DAL-22-0141	Strong NoiseTolerance Deep Learning Network for Automatic Microseismic Events Classification *		2022
142	DAL-22-0142	Adapting Deep Learning for Content Caching Frameworks in DeviceToDevice Environments		2022
143	DAL-22-0143	Deep Learning for B5G Open Radio Access Network Evolution Survey Case Studies and Challenges		2022
144	DAL-22-0144	Solar Power Forecasting Using Deep Learning Techniques		2022
145	DAL-22-0145	UncertaintyAware Energy Management Strategy for Hybrid Electric Vehicle Using Hybrid Deep Learning Method		2022
146	DAL-22-0146	SelfSupervised Transfer Learning Based on Domain Adaptation for BenignMalignant Lung Nodule Classification on Thoracic CT *		2022
147	DAL-22-0147	SCRoadDeepNet A New Shape and ConnectivityPreserving Road Extraction Deep LearningBased Network From Remote Sensing Data *		2022
148	DAL-22-0148	Constrained Coding and Deep Learning Aided Threshold Detection for Resistive Memories *		2022
149	DAL-22-0149	ECGBased Drivers Stress Detection Using Deep Transfer Learning and Fuzzy Logic Approaches		2022
150	DAL-22-0150	Optimal Design of Flexible Job Shop Scheduling Under Resource Preemption Based on Deep Reinforcement Learning		2022
151	DAL-22-0151	Distributed Beamforming Techniques for CellFree Wireless Networks Using Deep Reinforcement Learning *		2022
152	DAL-22-0152	Pollen Grains Classification with a Deep Learning System GPUTrained *		2022
153	DAL-22-0153	RAILS A Robust Adversarial ImmunelInspired Learning System		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
154	DAL-22-0154	Multifeature Extraction and SemiSupervised Deep Learning Scheme for State Diagnosis of Converter Transformer *		2022
155	DAL-22-0155	Assessing Human Motion During Exercise Using Machine Learning A Literature Review		2022
156	DAL-22-0156	A Scratch Detection Method Based on Deep Learning and Image Segmentation *		2022
157	DAL-22-0157	Tactile Gym 20 SimtoReal Deep Reinforcement Learning for Comparing LowCost HighResolution Robot Touch *		2022
158	DAL-22-0158	The CNN Deep LearningBased Melting Process Prediction of Czochralski Monocrystalline Silicon		2022
159	DAL-22-0159	Design Guidelines for MammogramBased ComputerAided Systems Using Deep Learning Techniques		2022
160	DAL-22-0160	Noncoherent Massive Random Access for Inhomogeneous Networks From Message Passing to Deep Learning *		2022
161	DAL-22-0161	An Attack Detection Framework Based on BERT and Deep Learning		2022
162	DAL-22-0162	Domain Adapted DeepLearning for Improved Ultrasonic Crack Characterization Using Limited Experimental Data *		2022
163	DAL-22-0163	Deep LearningBased Disk Herniation Computer Aided Diagnosis System From MRI Axial Scans		2022
164	DAL-22-0164	ESDQNA Learning Method for Vehicle Intelligent Speed Control Strategy Under Uncertain CutIn Scenario *		2022
165	DAL-22-0165	Deep Learning Modeling of a WBANMIMO Channel in Underground Mine		2022
166	DAL-22-0166	A Review of NLIDB With Deep Learning Findings Challenges and Open Issues		2022
167	DAL-22-0167	Learning Sequential Descriptors for SequenceBased Visual Place Recognition *		2022
168	DAL-22-0168	A Deep LearningBased Intrusion Detection and Prevention System for Detecting and Preventing DenialofService Attacks		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
169	DAL-22-0169	Unsupervised Deep Learning to Detect Agitation From Videos in People With Dementia		2022
170	DAL-22-0170	Adaptive DeepLearningBased SteadyState Modeling and Fast Control Strategy for CLLC DCDC Converter in Highly Renewable Penetrated System *		2022
171	DAL-22-0171	NonTechnical Loss Detection Using Deep Reinforcement Learning for Feature Cost Efficiency and Imbalanced Dataset		2022
172	DAL-22-0172	SelfDispatch of WindStorage Integrated System A Deep Reinforcement Learning Approach *		2022
173	DAL-22-0173	Deep Unfolding With Normalizing Flow Priors for Inverse Problems *		2022
174	DAL-22-0174	Pruning vs XNORNet A Comprehensive Study of Deep Learning for Audio Classification on EdgeDevices		2022
175	DAL-22-0175	Uncertainty AssessmentBased Active Learning for Reliable Fire Detection Systems		2022
176	DAL-22-0176	OffPolicy MetaReinforcement Learning With BeliefBased Task Inference		2022
177	DAL-22-0177	Unsupervised Meta Learning With Multiview Constraints for Hyperspectral Image Small Sample set Classification		2022
178	DAL-22-0178	Brass Material Analysis With DeepLearningBased CdTe Semiconductor XRay Fluorescence System *		2022
179	DAL-22-0179	Cyberbullying and Cyberviolence Detection A Triangular UserActivityContent View *		2022
180	DAL-22-0180	Improved Prioritization of Software Development Demands in Turkish With Deep LearningBased NLP		2022
181	DAL-22-0181	Brachial Plexus Nerve Trunk Recognition From Ultrasound Images A Comparative Study of Deep Learning Models		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
182	DAL-22-0182	Assessing the Reidentification Risks Posed by Deep Learning Algorithms Applied to ECG Data		2022
183	DAL-22-0183	Hybrid Beamforming Based on an Unsupervised Deep Learning Network for Downlink Channels With Imperfect CSI *		2022
184	DAL-22-0184	Deep Learning Gated Recurrent Neural NetworkBased Channel State Estimator for OFDM Wireless Communication Systems		2022
185	DAL-22-0185	Revisiting Bayesian Autoencoders With MCMC		2022
186	DAL-22-0186	Deep LearningBased Fault Prediction in Wireless Sensor Network Embedded CyberPhysical Systems for Industrial Processes		2022
187	DAL-22-0187	TouchNAS Efficient Touch Detection Model Design Methodology for ResourceConstrained Devices *		2022
188	DAL-22-0188	Recursive Training Strategy for a Deep Learning Network for Segmentation of Pathology Nuclei With Incomplete Annotation		2022
189	DAL-22-0189	ShapeRobust SAR Ship Detection via ContextPreserving Augmentation and Deep Contrastive RoI Learning *		2022
190	DAL-22-0190	BlackBox Reward Attacks Against Deep Reinforcement Learning Based on Successor Representation		2022
191	DAL-22-0191	DeepLearningBased Detection of Segregations for Ultrasonic Testing *		2022
192	DAL-22-0192	Deep Batch Active Learning and Knowledge Distillation for Person Reidentification *		2022
193	DAL-22-0193	The Masking Impact of IntraArtifacts in EEG on Deep LearningBased Sleep Staging Systems A Comparative Study		2022
194	DAL-22-0194	A Mobile App for Wound Localization Using Deep Learning		2022
195	DAL-22-0195	Autonomous SingleImage Drone Exploration With Deep Reinforcement Learning and Mixed Reality *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
196	DAL-22-0196	EndtoEnd Deep Learning Model for Corn Leaf Disease Classification		2022
197	DAL-22-0197	EEGSym Overcoming InterSubject Variability in Motor Imagery Based BCIs With Deep Learning		2022
198	DAL-22-0198	Automating Reinforcement Learning With ExampleBased Resets *		2022
199	DAL-22-0199	Deep Learning Agricultural Information Classification Combined With Internet of Things Technology in Agricultural Production and Economic Management		2022
200	DAL-22-0200	A Sentinel2 Multiyear Multicountry Benchmark Dataset for Crop Classification and Segmentation With Deep Learning		2022
201	DAL-22-0201	Multiagent Reinforcement Learning for Strategic Decision Making and Control in Robotic Soccer Through SelfPlay		2022
202	DAL-22-0202	Mood Prediction Based on Calendar Events Using Multitask Learning		2022
203	DAL-22-0203	A Novel Transfer Learning Approach in Remaining Useful Life Prediction for Incomplete Dataset *		2022
204	DAL-22-0204	Joint Optimization of Sensing DecisionMaking and MotionControlling for Autonomous Vehicles A Deep Reinforcement Learning Approach *		2022
205	DAL-22-0205	A Generative Deep Learning Framework Across Time Series to Optimize the Energy Consumption of Air Conditioning Systems		2022
206	DAL-22-0206	Meta Structural Learning Algorithm With Interpretable Convolutional Neural Networks for Arrhythmia Detection of Multisession ECG		2022
207	DAL-22-0207	Summarization of Text and Image Captioning in Information Retrieval Using Deep Learning Techniques		2022
208	DAL-22-0208	ResourceEfficient MultiTask Deep Learning Using a MultiPath Network		2022
209	DAL-22-0209	Automatic Fault Delineation in 3D Seismic Images With Deep Learning Data Augmentation or Ensemble Learning *		2022

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210	DAL-22-0210	HighPerformance Polarization Remote Sensing With the Modified UNet Based DeepLearning Network *		2022
211	DAL-22-0211	Online Updating Energy Management Strategy Based on Deep Reinforcement Learning With Accelerated Training for Hybrid Electric Tracked Vehicles *		2022
212	DAL-22-0212	A Deep GenerativeDiscriminative Learning for Multimodal Representation in Imaging Genetics *		2022
213	DAL-22-0213	SelfSupervised Feature Learning for Multimodal Remote Sensing Image Land Cover Classification *		2022
214	DAL-22-0214	DeepLearningBased SideChannel Analysis of Block Cipher PIPO With Bitslice Implementation		2022
215	DAL-22-0215	Detecting Pine Trees Damaged by Wilt Disease Using Deep Learning Techniques Applied to MultiSpectral Images		2022
216	DAL-22-0216	Arabic Aspect Extraction Based on Stacked Contextualized Embedding With Deep Learning		2022
217	DAL-22-0217	SelfSupervised Deep Learning to Reconstruct Seismic Data With Consecutively Missing Traces *		2022
218	DAL-22-0218	Deep Unrolling for Light Field Compressed Acquisition Using Coded Masks		2022
219	DAL-22-0219	ABDLM An Improved Deep Learning Model Based on Attention Mechanism and BiFPN for Driver Distraction Behavior Detection		2022
220	DAL-22-0220	Fine Object Change Detection Based on Vector Boundary and Deep Learning With HighResolution Remote Sensing Images		2022
221	DAL-22-0221	A Deep Learning Based Multiobjective Optimization for the Planning of Resilience Oriented Microgrids in Active Distribution System		2022
222	DAL-22-0222	Aerial Photograph Categorization by CrossResolution Deep Human Gaze Behavior Learning		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
223	DAL-22-0223	Multimodal Estimation of Endpoint Force During QuasiDynamic and Dynamic Muscle Contractions Using Deep Learning *		2022
224	DAL-22-0224	DigitalTwinEnabled CityModelAware Deep Learning for Dynamic Channel Estimation in Urban Vehicular Environments *		2022
225	DAL-22-0225	APERDDQN UAV Precise Airdrop Method Based on Deep Reinforcement Learning		2022
226	DAL-22-0226	Spray Drift Segmentation for Intelligent Spraying System Using 3D Point Cloud Deep Learning Framework		2022
227	DAL-22-0227	3D UAV Trajectory and Data Collection Optimisation Via Deep Reinforcement Learning *		2022
228	DAL-22-0228	Downlink Power Control for CellFree Massive MIMO With Deep Reinforcement Learning *		2022
229	DAL-22-0229	Anomaly Prediction With Hybrid SupervisedUnsupervised Deep Learning for Elastic Optical Networks A MultiIndex Correlative Approach *		2022
230	DAL-22-0230	RFID Tag Classification for FalsePositive Reads Identification via Deep Learning With Multidimensional Signal Fusion *		2022
231	DAL-22-0231	MultiAgent Deep Reinforcement Learning to Manage Connected Autonomous Vehicles at Tomorrows Intersections		2022
232	DAL-22-0232	Improving the Accuracy of Progress Indication for Constructing Deep Learning Models		2022
233	DAL-22-0233	Resource Scheduling Based on Deep Reinforcement Learning in UAV Assisted Emergency Communication Networks *		2022
234	DAL-22-0234	Uncertainty Quantification for Deep Learning in Ultrasonic Crack Characterization *		2022
235	DAL-22-0235	Deep Mode Decomposition RealTime Mode Decomposition of Multimode Fibers Based on Unsupervised Learning *		2022

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236	DAL-22-0236	Fuzzy CMeans Clustering Based Deep Patch Learning With Improved Interpretability for Classification Problems		2022
237	DAL-22-0237	Wafer Defect Localization and Classification Using Deep Learning Techniques		2022
238	DAL-22-0238	Deep Reinforcement Learning for RISAssisted FD Systems Single or Distributed RIS *		2022
239	DAL-22-0239	Measurement Invariance Investigation for Performance of Deep Learning Architectures		2022
240	DAL-22-0240	Deep Learning for 3D Human Motion Prediction StateoftheArt and Future Trends		2022
241	DAL-22-0241	Deep Learning Based Classification of Military Cartridge Cases and Defect Segmentation		2022
242	DAL-22-0242	Trust Recommendation Based on Deep Deterministic Strategy Gradient Algorithm		2022
243	DAL-22-0243	Deep Learning for Estimating LowRange Concrete SubSurface Boundary Depths Using Ground Penetrating Radar Signals *		2022
244	DAL-22-0244	DeepLearningAssisted PhysicsDriven MOSFET CurrentVoltage Modeling *		2022
245	DAL-22-0245	A Deep Learning Based Super Resolution DoA Estimator With Single Snapshot MIMO Radar Data *		2022
246	DAL-22-0246	Regression of LargeScale Path Loss Parameters Using Deep Neural Networks *		2022
247	DAL-22-0247	A Hybrid Deep LearningBased HYDRA Framework for Multifault Diagnosis Using Sparse MDT Reports		2022
248	DAL-22-0248	Admission Control and Virtual Network Embedding in 5G Networks A Deep ReinforcementLearning Approach		2022
249	DAL-22-0249	A LayerWise Theoretical Framework for Deep Learning of Convolutional Neural Networks		2022
250	DAL-22-0250	Homogeneous Learning SelfAttention Decentralized Deep Learning		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
251	DAL-22-0251	Object Detection Based on Deep Learning and BSpline Level Set in Color Images		2022
252	DAL-22-0252	Product Classification With the Motivation of Target Consumers by Deep Learning		2022
253	DAL-22-0253	BioInspired Collision Avoidance in Swarm Systems via Deep Reinforcement Learning *		2022
254	DAL-22-0254	DayAhead Optimal Dispatch Strategy for Active Distribution Network Based on Improved Deep Reinforcement Learning		2022
255	DAL-22-0255	Transferable Deep Reinforcement Learning Framework for Autonomous Vehicles With Joint RadarData Communications *		2022
256	DAL-22-0256	Separation and Classification of Corona Discharges Under Low Pressures Based on Deep Learning Method *		2022
257	DAL-22-0257	A SecureTransmission Maximization Scheme for SWIPT Systems Assisted by an Intelligent Reflecting Surface and Deep Learning		2022
258	DAL-22-0258	RealTime 3D MIMO Antenna Tuning With Deep Reinforcement Learning *		2022
259	DAL-22-0259	HighFidelity Shape Reconstruction for Electrical Impedance Tomography of MultiPhase Conductivity via Deep Discrete Representation *		2022
260	DAL-22-0260	Fast Inversion of Subsurface Target Electromagnetic Induction Response With Deep Learning *		2022
261	DAL-22-0261	Blood Glucose Level Prediction Advanced DeepEnsemble Learning Approach *		2022
262	DAL-22-0262	Deep LearningBased Microbubble Localization for Ultrasound Localization Microscopy		2022
263	DAL-22-0263	A MultiCriteria Collaborative Filtering Approach Using Deep Learning and DempsterShafer Theory for Hotel Recommendations		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
264	DAL-22-0264	The SpatioTemporal Reconstruction of Lake Water Levels Using Deep Learning Models A Case Study on Altai Mountains		2022
265	DAL-22-0265	DeepQGHO Quantized Greedy Hyperparameter Optimization in Deep Neural Networks for ontheFly Learning		2022
266	DAL-22-0266	A Computer VisionBased Intelligent Fish Feeding System Using Deep Learning Techniques for Aquaculture *		2022
267	DAL-22-0267	Analysis of Deep Learning Techniques for Maasai Boma Mapping in Tanzania		2022
268	DAL-22-0268	SingleImage Reflection Removal Using Deep Learning A Systematic Review		2022
269	DAL-22-0269	On Deep Reinforcement Learning for Static Routing and Wavelength Assignment *		2022
270	DAL-22-0270	Comparison of Deep Learning Techniques for Classification of the Insects in Order Level With Mobile Software Application		2022
271	DAL-22-0271	Deep Discrete Hashing for Label Distribution Learning *		2022
272	DAL-22-0272	HMKRAutoEncoder An Interpretable Deep Learning Framework for Time Series Analysis *		2022
273	DAL-22-0273	WHMAVS A Novel Dataset and Deep Learning Benchmark for Multiple Land Use and Land Cover Applications		2022
274	DAL-22-0274	iCVM An Interpretable Deep Learning Model for CVM Assessment Under Label Uncertainty *		2022
275	DAL-22-0275	Active Sensing for Communications by Learning *		2022
276	DAL-22-0276	AIBased Channel Prediction in D2D Links An Empirical Validation		2022
277	DAL-22-0277	A PerformanceOptimized Deep LearningBased Plant Disease Detection Approach for Horticultural Crops of New Zealand		2022
278	DAL-22-0278	Response Prediction Based on Temporal and Spatial Deep Learning Model for Intelligent Structural Health Monitoring *		2022

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279	DAL-22-0279	ForestFire Response System Using DeepLearningBased Approaches With CCTV Images and Weather Data		2022
280	DAL-22-0280	Stacked Deep Dense Neural Network Model to Predict Alzheimers Dementia Using Audio Transcript Data		2022
281	DAL-22-0281	Deep Reinforcement Learning in a Racket Sport for Player Evaluation With Technical and Tactical Contexts		2022
282	DAL-22-0282	IRSAssisted Proactive Eavesdropping Over Fading Channels Based on Deep Reinforcement Learning *		2022
283	DAL-22-0283	Human Motion Recognition Using Doppler Radar Based on SemiSupervised Learning *		2022
284	DAL-22-0284	Fully Complex Deep Learning Classifiers for Signal Modulation Recognition in NonCooperative Environment		2022
285	DAL-22-0285	Beyond Supervised Power Control in Massive MIMO Network Simple Deep Neural Network Solutions *		2022
286	DAL-22-0286	iVAEGAN Identifiable VAEGAN Models for Latent Representation Learning		2022
287	DAL-22-0287	CSIBased Physical Layer Authentication via Deep Learning *		2022
288	DAL-22-0288	Deep Learning in Barcode Recognition A Systematic Literature Review		2022
289	DAL-22-0289	Intelligent Traffic Light Control by Exploring Strategies in an Optimised Space of Deep QLearning *		2022
290	DAL-22-0290	Transfer Learning Style Control and Speaker Reconstruction Loss for ZeroShot Multilingual MultiSpeaker TexttoSpeech on LowResource Languages		2022
291	DAL-22-0291	EventLSTM An Unsupervised and Asynchronous LearningBased Representation for EventBased Data *		2022
292	DAL-22-0292	Prediction of 12 Photonic Crystal Fiber Optical Properties Using MLP in Deep Learning *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
293	DAL-22-0293	Intelligent Process Monitoring of LaserInduced Graphene Production With Deep Transfer Learning *		2022
294	DAL-22-0294	Accelerating Hydraulic Fracture Imaging by Deep Transfer Learning *		2022
295	DAL-22-0295	VariablePrecision Approximate FloatingPoint Multiplier for Efficient Deep Learning Computation *		2022
296	DAL-22-0296	OFDMGuided Deep Joint Source Channel Coding for Wireless Multipath Fading Channels *		2022
297	DAL-22-0297	Automated Detection of Subsurface Defects Using Active Thermography and Deep Learning Object Detectors *		2022
298	DAL-22-0298	Achieving Multisite Generalization for CNNBased Disease Diagnosis Models by Mitigating Shortcut Learning		2022
299	DAL-22-0299	Improving BagofDeepVisualWords Model via Combining Deep Features With Feature Difference Vectors		2022
300	DAL-22-0300	DiNNO Distributed Neural Network Optimization for MultiRobot Collaborative Learning *		2022
301	DAL-22-0301	A Deep LearningBased GPR Forward Solver for Predicting BScans of Subsurface Objects *		2022
302	DAL-22-0302	DeepCNAP A Deep Learning Approach for Continuous Noninvasive Arterial Blood Pressure Monitoring Using Photoplethysmography *		2022
303	DAL-22-0303	Motion Estimation by Deep Learning in 2D Echocardiography Synthetic Dataset and Validation *		2022
304	DAL-22-0304	EV Charging Strategy Considering Transformer Lifetime via Evolutionary Curriculum LearningBased Multiagent Deep Reinforcement Learning *		2022
305	DAL-22-0305	Unsupervised Domain Adaptation by Statistics Alignment for Deep Sleep Staging Networks		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
306	DAL-22-0306	Reducing Training Time of Deep Learning Based Digital Backpropagation by Stacking		2022
307	DAL-22-0307	Federated MultiAgent Deep Reinforcement Learning for Resource Allocation of VehicletoVehicle Communications *		2022
308	DAL-22-0308	Znet Deep Learning Approach for 2D MRI Brain Tumor Segmentation		2022
309	DAL-22-0309	Controllable Swarm Animation Using Deep Reinforcement Learning With a RuleBased Action Generator		2022
310	DAL-22-0310	DKNet Deep Kuzushiji Characters Recognition Network		2022
311	DAL-22-0311	Net Superresolving SAR Tomographic Inversion via Deep Learning		2022
312	DAL-22-0312	An inDepth Analysis of the Software Features Impact on the Performance of Deep LearningBased Software Defect Predictors		2022
313	DAL-22-0313	Automated Surface Defect Detection in Metals A Comparative Review of Object Detection and Semantic Segmentation Using Deep Learning *		2022
314	DAL-22-0314	Designing Electronic Traffic Information Acquisition System Using Deep Learning and Internet of Things		2022
315	DAL-22-0315	Traffic Engineering in a Shared InterDC WAN via Deep Reinforcement Learning *		2022
316	DAL-22-0316	Universal Consistency of Deep Convolutional Neural Networks *		2022
317	DAL-22-0317	Deep LearningEnabled Fusion to Bridge GPS Outages for INSGPS Integrated Navigation *		2022
318	DAL-22-0318	A Novel Deep Learning Based ANPR Pipeline for Vehicle Access Control		2022
319	DAL-22-0319	Toward AntSized Moving Object Localization Using Deep Learning in FMCW Radar A Pilot Study *		2022
320	DAL-22-0320	Date Fruit Sorting Based on Deep Learning and Discriminant Correlation Analysis		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
321	DAL-22-0321	Symbolic Integration by Integrating Learning Models With Different Strengths and Weaknesses		2022
322	DAL-22-0322	A Deep Learning Approach for Detecting Otitis Media From Wideband Tympanometry Measurements		2022
323	DAL-22-0323	Prediction of Application Usage on Smartphones via Deep Learning		2022
324	DAL-22-0324	An Adaptive Control Framework for Dynamically Reconfigurable Battery Systems Based on Deep Reinforcement Learning *		2022
325	DAL-22-0325	A Survey of Wound Image Analysis Using Deep Learning Classification Detection and Segmentation		2022
326	DAL-22-0326	Contribution of DeepLearning Techniques Toward Fighting COVID19 A Bibliometric Analysis of Scholarly Production During 2020		2022
327	DAL-22-0327	Deep LearningAssisted RealTime Forward Modeling of Electromagnetic Logging in Complex Formations *		2022
328	DAL-22-0328	Wide and Deep Graph Neural Network With Distributed Online Learning *		2022
329	DAL-22-0329	Activity Graph Based Convolutional Neural Network for Human Activity Recognition Using Acceleration and Gyroscope Data *		2022
330	DAL-22-0330	Learning Discriminant Spatial Features With Deep GraphBased Convolutions for Occluded Face Detection		2022
331	DAL-22-0331	Iterative Deep Synthetic Aperture Sonar Image Segmentation *		2022
332	DAL-22-0332	KMeans Embedded Deep Transform Learning for Hyperspectral Band Selection *		2022
333	DAL-22-0333	Deep Learning Approaches Based on Transformer Architectures for Image Captioning Tasks		2022
334	DAL-22-0334	An OpenSource Package for DeepLearningBased Seismic Facies Classification Benchmarking Experiments on the SEG 2020 Open Data *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
335	DAL-22-0335	Deep Relation Learning for Regression and Its Application to Brain Age Estimation *		2022
336	DAL-22-0336	Deep Unsupervised Learning for Joint Antenna Selection and Hybrid Beamforming *		2022
337	DAL-22-0337	Differential Privacy for Deep and Federated Learning A Survey		2022
338	DAL-22-0338	Hyperparameters Tuning of Faster RCNN Deep Learning Transfer for Persistent Object Detection in Radar Images *		2022
339	DAL-22-0339	Probabilistic Principal Geodesic Deep Metric Learning		2022
340	DAL-22-0340	Edge Deployment Framework of GuardBot for Optimized Face Mask Recognition With RealTime Inference Using Deep Learning		2022
341	DAL-22-0341	Dynamic Beam Pattern and Bandwidth Allocation Based on MultiAgent Deep Reinforcement Learning for Beam Hopping Satellite Systems *		2022
342	DAL-22-0342	OmnidirectionalWheel Conveyor Path Planning and Sorting Using Reinforcement Learning Algorithms		2022
343	DAL-22-0343	An Improved Deep Learning Model for Automated Detection of BBB Using ST Spectrograms of Smoothed VCG Signal *		2022
344	DAL-22-0344	Contrastive ContextAware Learning for 3D HighFidelity Mask Face Presentation Attack Detection *		2022
345	DAL-22-0345	Turbo Detection Aided Autoencoder for Multicarrier Wireless Systems Integrating Deep Learning Into Channel Coded Systems *		2022
346	DAL-22-0346	RealTime Learning from an Expert in Deep Recommendation Systems with Application to mHealth for Physical Exercises		2022
347	DAL-22-0347	A DeepLearningBased Optimal Energy Flow Method for Reliability Assessment of Integrated Energy Systems		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
348	DAL-22-0348	Deep EnsembleBased Classifier for Transfer Learning in Rotating Machinery Fault Diagnosis		2022
349	DAL-22-0349	ResidualAided EndtoEnd Learning of Communication System Without Known Channel *		2022
350	DAL-22-0350	TBEM TestingBased GPUMemory Consumption Estimation for Deep Learning		2022
351	DAL-22-0351	AngleInsensitive Human Motion and Posture Recognition Based on 4D Imaging Radar and Deep Learning Classifiers *		2022
352	DAL-22-0352	Deep LearningBased Multifloor Indoor Tracking Scheme Using Smartphone Sensors		2022
353	DAL-22-0353	UncertaintyAware Deep Learning Methods for Robust Diabetic Retinopathy Classification		2022
354	DAL-22-0354	LaST LabelFree SelfDistillation Contrastive Learning With Transformer Architecture for Remote Sensing Image Scene Classification *		2022
355	DAL-22-0355	Feature Extraction of White Blood Cells Using CMYKMoment Localization and Deep Learning in Acute Myeloid Leukemia Blood Smear Microscopic Images		2022
356	DAL-22-0356	Extending Contrastive Learning to Unsupervised Coreset Selection		2022
357	DAL-22-0357	Visual Detection and Deep Reinforcement LearningBased Car Following and Energy Management for Hybrid Electric Vehicles *		2022
358	DAL-22-0358	Microseismic Source Location Using Deep Reinforcement Learning *		2022
359	DAL-22-0359	Motion State Recognition and Trajectory Prediction of Hypersonic Glide Vehicle Based on Deep Learning		2022
360	DAL-22-0360	TAF2Net TripleBranch Attentive Feature Fusion Network for Ultrasonic Flaw Detection *		2022
361	DAL-22-0361	ACKLess Rate Adaptation Using Distributional Reinforcement Learning for Reliable IEEE 80211bc Broadcast WLANs		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
362	DAL-22-0362	DynamicErrorCompensationAssisted Deep Learning Framework for Solar Power Forecasting *		2022
363	DAL-22-0363	Assessing Identifiability in Airport Delay Propagation Roles Through Deep Learning Classification		2022
364	DAL-22-0364	DIAL Deep Interactive and Active Learning for Semantic Segmentation in Remote Sensing		2022
365	DAL-22-0365	Wavelet ELMAE Based Data Augmentation and Deep Learning for Efficient Emotion Recognition Using EEG Recordings		2022
366	DAL-22-0366	Signal Processing Using Dictionaries Atoms and Deep Learning A Common AnalysisSynthesis Framework *		2022
367	DAL-22-0367	A TwoStage Deep Learning Receiver for High Throughput Power Efficient LEO Satellite System With Varied Operation Status		2022
368	DAL-22-0368	Deep LearningBased Method for the Robust and Efficient Fault Diagnosis in the Electric Power System		2022
369	DAL-22-0369	Deep Reinforcement LearningBased Network Slicing for Beyond 5G		2022
370	DAL-22-0370	Deep Reinforcement Learning Control of a Boiling Water Reactor *		2022
371	DAL-22-0371	Joint Transmit and Receive Antenna Selection for Spatial Modulation Systems Using Deep Learning *		2022
372	DAL-22-0372	Deep Learning Enables Accurate Automatic Sleep Staging Based on Ambulatory Forehead EEG		2022
373	DAL-22-0373	Collaborative Normality Learning Framework for Weakly Supervised Video Anomaly Detection *		2022
374	DAL-22-0374	A TransformerBased Approach Combining Deep Learning Network and SpatialTemporal Information for Raw EEG Classification		2022
375	DAL-22-0375	Improve Deep Unsupervised Hashing via Structural and Intrinsic Similarity Learning *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
376	DAL-22-0376	Fall Prevention From Ladders Utilizing a Deep LearningBased Height Assessment Method		2022
377	DAL-22-0377	Occlusion Handling and MultiScale Pedestrian Detection Based on Deep Learning A Review		2022
378	DAL-22-0378	TimeResolved Particle Image Velocimetry Algorithm Based on Deep Learning *		2022
379	DAL-22-0379	CNNRNN and Data Augmentation Using Deep Convolutional Generative Adversarial Network for Environmental Sound Classification *		2022
380	DAL-22-0380	Deep Transfer Learning With SelfAttention for Industry Sensor Fusion Tasks		2022
381	DAL-22-0381	Bayesian Deep Neural Networks for Supervised Learning of SingleView Depth *		2022
382	DAL-22-0382	A Novel and Efficient InfluenceSeeking Exploration in Deep Multiagent Reinforcement Learning		2022
383	DAL-22-0383	3D Urban Buildings Extraction Based on Airborne LiDAR and Photogrammetric Point Cloud Fusion According to UNet Deep Learning Model Segmentation		2022
384	DAL-22-0384	Vibration States Detection of HTS Pinning Maglev System Based on Deep Learning Algorithm *		2022
385	DAL-22-0385	Efficient Region of Interest Based Metric Learning for Effective Open World Deep Face Recognition Applications		2022
386	DAL-22-0386	Research on Target Defense Strategy Based on Deep Reinforcement Learning		2022
387	DAL-22-0387	SleepFCN A Fully Convolutional Deep Learning Framework for Sleep Stage Classification Using SingleChannel Electroencephalograms		2022
388	DAL-22-0388	Deep Reinforcement LearningBased Optimization for IRSAssisted Cognitive Radio Systems *		2022
389	DAL-22-0389	Market Making Strategy Optimization via Deep Reinforcement Learning		2022
390	DAL-22-0390	Efficient Channel Prediction Technique Using AMC and Deep Learning Algorithm for 5G NR mMTC Devices		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
391	DAL-22-0391	EndtoEnd Deep Learning for Longhaul Fiber Transmission Using Differentiable Surrogate Channel *		2022
392	DAL-22-0392	Novel UncertaintyAware Deep Neuroevolution Algorithm to Quantify Tidal Forecasting *		2022
393	DAL-22-0393	Deep Learning Based OvertheAir Channel Estimation Using a ZYNQ SDR Platform		2022
394	DAL-22-0394	An Explainable TransformerBased Deep Learning Model for the Prediction of Incident Heart Failure		2022
395	DAL-22-0395	Improving Augmentation Efficiency for FewShot Learning		2022
396	DAL-22-0396	A Deep Embedded Clustering Algorithm for the Binning of Metagenomic Sequences		2022
397	DAL-22-0397	Dealing With Multipositive Unlabeled Learning Combining Metric Learning and Deep Clustering		2022
398	DAL-22-0398	Data Augmentation Empowered Neural Precoding for Multiuser MIMO With MMSE Model *		2022
399	DAL-22-0399	Optimized Deep Autoencoder Model for Internet of Things Intruder Detection		2022
400	DAL-22-0400	A Neural Network Based on Consistency Learning and Adversarial Learning for Semisupervised Synthetic Aperture Radar Ship Detection *		2022
401	DAL-22-0401	A MEMS IMU Gyroscope Calibration Method Based on Deep Learning *		2022
402	DAL-22-0402	PrivacyPreserving Deep Learning With Learnable Image Encryption on Medical Images		2022
403	DAL-22-0403	GNSS TECBased Earthquake Ionospheric Perturbation Detection Using a Novel Deep Learning Framework		2022
404	DAL-22-0404	DualPRNet Deep Shrinkage Dual Frame Network for Deep Unrolled Phase Retrieval *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
405	DAL-22-0405	A Systematic Literature Review on Text Generation Using Deep Neural Network Models		2022

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## IEEE Image Processing Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
1	IMG-22-0001	RefractionCorrected Transcranial Ultrasound Imaging Through the Human Temporal Window Using a Single Probe *		2022
2	IMG-22-0002	A Novel Near Field Image Reconstruction Method Based on Beamforming Technique for RealTime Passive Millimeter Wave Imaging		2022
3	IMG-22-0003	Image Quality Evaluation in Professional HDRWCG Production Questions the Need for HDR Metrics *		2022
4	IMG-22-0004	A ConfounderFree Fusion Network for Aerial Image Scene Feature Representation		2022
5	IMG-22-0005	HighFrequency Endoscopic Ultrasound Imaging With PhaseCorrectedandSum and Coherence Factor Weighting *		2022
6	IMG-22-0006	SceneSketcherv2 FineGrained SceneLevel SketchBased Image Retrieval Using Adaptive GCNs *		2022
7	IMG-22-0007	A 4D Ultrasound Tomography for Industrial Process Reactors Investigation *		2022
8	IMG-22-0008	Image Compression Using StochasticAFD Based Multisignal Sparse Representation *		2022
9	IMG-22-0009	A noReference Stereoscopic Image Quality Assessment Network Based on Binocular Interaction and Fusion Mechanisms *		2022
10	IMG-22-0010	Theoretical Framework to Predict Generalized ContrasttoNoise Ratios of Photoacoustic Images With Applications to Computer Vision		2022
11	IMG-22-0011	CFNet A Cross Fusion Network for Joint Land Cover Classification Using Optical and SAR Images		2022
12	IMG-22-0012	Cascaded Triplanar Autoencoder MNet for Fully Automatic Segmentation of Left Ventricle Myocardial Scar From ThreeDimensional Late GadoliniumEnhanced MR Images *		2022
13	IMG-22-0013	DeepfUS A Deep Learning Platform for Functional Ultrasound Imaging of the Brain Using Sparse Data		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
14	IMG-22-0014	AttentionGuided Progressive Neural Texture Fusion for High Dynamic Range Image Restoration *		2022
15	IMG-22-0015	Estimating the Neovascularity of Human Finger Tendon Through HighFrequency Ultrasound MicroDoppler Imaging *		2022
16	IMG-22-0016	Unsupervised Hyperspectral Band Selection via Hybrid Graph Convolutional Network *		2022
17	IMG-22-0017	SelfDistillation Feature Learning Network for Optical and SAR Image Registration *		2022
18	IMG-22-0018	A DisplayIndependent Quality Assessment for HDR Images *		2022
19	IMG-22-0019	MultiManifold Deep Discriminative CrossModal Hashing for Medical Image Retrieval *		2022
20	IMG-22-0020	DeformationCompensated Learning for Image Reconstruction Without Ground Truth *		2022
21	IMG-22-0021	SuperResolution Reconstruction of 3TLike Images From 035T MRI Using a Hybrid Attention Residual Network		2022
22	IMG-22-0022	Fast SAR Image Recognition via Hyperdimensional Computing Using Monogenic Mapping *		2022
23	IMG-22-0023	A Comparative Analysis of GANBased Methods for SARtoOptical Image Translation *		2022
24	IMG-22-0024	DataDriven Deep Supervision for Medical Image Segmentation *		2022
25	IMG-22-0025	A New Convolutional Neural Network Architecture for Automatic Detection of Brain Tumors in Magnetic Resonance Imaging Images		2022
26	IMG-22-0026	Study of Keypoints Detectors and Descriptors Performance on XRay Images Compared to the Visible Light Spectrum Images		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
27	IMG-22-0027	Small Target Detection From Infrared Remote Sensing Images Using Local Adaptive Thresholding		2022
28	IMG-22-0028	Accelerating Reconstruction of Reflective Fourier Ptychographic Microscopy by Employing a Global Optimal Search Algorithm in a Graphics Processing Unit		2022
29	IMG-22-0029	DFAFNet A DualFrequency PolSAR Image Classification Network Based on FrequencyAware Attention and Adaptive Feature Fusion *		2022
30	IMG-22-0030	Systematic Clinical Evaluation of a Deep Learning Method for Medical Image Segmentation Radiosurgery Application		2022
31	IMG-22-0031	Programmable Acoustic DelayLine Enabled LowCost Photoacoustic Tomography System *		2022
32	IMG-22-0032	Hyperspectral Image Classification Based on Superpixel Feature Subdivision and Adaptive Graph Structure *		2022
33	IMG-22-0033	MRI InformationBased Correction and Restoration of Photoacoustic Tomography *		2022
34	IMG-22-0034	A High Dynamic Range 128 120 3D Stacked CMOS SPAD Image Sensor SoC for Fluorescence Microendoscopy *		2022
35	IMG-22-0035	Accelerated 2D RealTime RefractionCorrected Transcranial Ultrasound Imaging *		2022
36	IMG-22-0036	Hierarchical Superpixel Segmentation by Parallel CRTrees Labeling *		2022
37	IMG-22-0037	A DualModal Imaging Method Combining Ultrasound and Electromagnetism for Simultaneous Measurement of Tissue Elasticity and Electrical Conductivity *		2022
38	IMG-22-0038	A Collaborative CorrelationMatching Network for Multimodality Remote Sensing Image Classification *		2022
39	IMG-22-0039	Simultaneous Color Restoration and Depth Estimation in Light Field Imaging		2022
40	IMG-22-0040	Dynamic Microwave Imaging of the Cardiovascular System Using UltraWideband RadaronChip Devices		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
41	IMG-22-0041	Learning Discrete Representations From Reference Images for Large Scale Factor Image SuperResolution *		2022
42	IMG-22-0042	Spatially Variant Sidelobe Suppression for Linear Array MIMO SAR 3D Imaging *		2022
43	IMG-22-0043	Deep Interactive Image Matting With Feature Propagation *		2022
44	IMG-22-0044	Image Inpainting With Local and Global Refinement *		2022
45	IMG-22-0045	SRSG and S2SG A Model and a Dataset for Scene Graph Generation of Remote Sensing Images From Segmentation Results *		2022
46	IMG-22-0046	Pathogeny Detection for Mild Cognitive Impairment via Weighted Evolutionary Random Forest With Brain Imaging and Genetic Data *		2022
47	IMG-22-0047	Deep Metric Color Embeddings for Splicing Localization in Severely Degraded Images *		2022
48	IMG-22-0048	Efficient 3D NearField MIMOSAR Imaging for Irregular Scanning Geometries		2022
49	IMG-22-0049	ScanSpecific Generative Neural Network for MRI SuperResolution Reconstruction *		2022
50	IMG-22-0050	RemoteSensing Image Captioning Based on Multilayer Aggregated Transformer *		2022
51	IMG-22-0051	Local ScaleGuided Hierarchical Region Merging and Further Over and UnderSegmentation Processing for Hybrid Remote Sensing Image Segmentation		2022
52	IMG-22-0052	Parallel Discrete Convolutions on Adaptive Particle Representations of Images		2022
53	IMG-22-0053	NMFDuNet Nonnegative Matrix Factorization Inspired Deep Unrolling Networks for Hyperspectral and Multispectral Image Fusion		2022
54	IMG-22-0054	Enhancement of Metasurface Aperture Microwave Imaging via InformationTheoretic Waveform Optimization *		2022

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55	IMG-22-0055	EndmemberAssisted Camera Response Function Learning Toward Improving Hyperspectral Image SuperResolution Performance		2022
56	IMG-22-0056	Image Quality Assessment Using Contrastive Learning *		2022
57	IMG-22-0057	Image Processing for LowDose CT via Novel Anisotropic FourthOrder Diffusion Model		2022
58	IMG-22-0058	A Versatile and ShelfStable Dielectric Coupling Medium for Microwave Imaging *		2022
59	IMG-22-0059	Injected Infrared and Visible Image Fusion via L1 Decomposition Model and Guided Filtering *		2022
60	IMG-22-0060	Hierarchical Random Walker Segmentation for Large Volumetric Biomedical Images *		2022
61	IMG-22-0061	Brain Extraction in Multiple T1weighted Magnetic Resonance Imaging slices using Digital Image Processing techniques *		2022
62	IMG-22-0062	Suppressing Shot Noise Using Quadratic Variable StepSize Quantization for the Initial Acquisition of CameraRaw Image Data *		2022
63	IMG-22-0063	Hybrid Approaches in Microwave Imaging Using Quantitative Time and FrequencyDomain Algorithms *		2022
64	IMG-22-0064	SARtoOptical Image Translating Through GenerateValidate Adversarial Networks *		2022
65	IMG-22-0065	IGNFusion An Unsupervised Information Gate Network for Multimodal Medical Image Fusion *		2022
66	IMG-22-0066	UserGuided Deep Human Image Matting Using Arbitrary Trimaps *		2022
67	IMG-22-0067	A New Image Fusion Method for ERTEMT DualModality System Used in GasLiquidSolid ThreePhase Fluidized Bed *		2022
68	IMG-22-0068	HighSpeed LargeScale Imaging Using Frame Decomposition From Intrinsic Multiplexing of Motion *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
69	IMG-22-0069	HighSpeed Multilevel Binary Imaging CMOS Image Sensor for Object Feature Extraction *		2022
70	IMG-22-0070	Hyperspectral Image Classification With Diverse Region Multiscale Feature Extraction and Spectral Imaging		2022
71	IMG-22-0071	Experimental Study of Aperiodic Plane Wave Imaging for Ultrafast 3D Ultrasound Imaging *		2022
72	IMG-22-0072	Sampling Possible Reconstructions of Undersampled Acquisitions in MR Imaging With a Deep Learned Prior *		2022
73	IMG-22-0073	LowLight Color Imaging via CrossCamera Synthesis *		2022
74	IMG-22-0074	MATR Multimodal Medical Image Fusion via Multiscale Adaptive Transformer *		2022
75	IMG-22-0075	Quantification and 3D Localization of Magnetically Navigated Superparamagnetic Particles Using MRI in Phantom and Swine Chemoembolization Models *		2022
76	IMG-22-0076	An Improved Method for Destriping of VIIRS DayNight Band Images		2022
77	IMG-22-0077	Adaptive Regional Multiple Features for LargeScale HighResolution Remote Sensing Image Registration *		2022
78	IMG-22-0078	HeterogeneityAware Recurrent Neural Network for Hyperspectral and Multispectral Image Fusion *		2022
79	IMG-22-0079	Trends and Prospects of Techniques for Haze Removal From Degraded Images A Survey *		2022
80	IMG-22-0080	MultiTask Interaction Learning for Spatiospectral Image SuperResolution *		2022
81	IMG-22-0081	DeepLearning Supervised Snapshot Compressive Imaging Enabled by an EndtoEnd Adaptive Neural Network *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
82	IMG-22-0082	RAVIR A Dataset and Methodology for the Semantic Segmentation and Quantitative Analysis of Retinal Arteries and Veins in Infrared Reflectance Imaging *		2022
83	IMG-22-0083	Multiple Sclerosis Lesion Analysis in Brain Magnetic Resonance Images Techniques and Clinical Applications *		2022
84	IMG-22-0084	A Configurable and RealTime MultiFrequency 3D Image Signal Processor for Indirect TimeofFlight Sensors *		2022
85	IMG-22-0085	Synthetic Aperture Radar Image Formation and Processing on an MPSoC		2022
86	IMG-22-0086	Spatiotemporal Coherence to Quantify Sources of Image Degradation in Ultrasonic Imaging *		2022
87	IMG-22-0087	Siamese Transformer Network for Hyperspectral Image Target Detection *		2022
88	IMG-22-0088	A Deep Joint Network for Multispectral Demosaicking Based on PseudoPanchromatic Images *		2022
89	IMG-22-0089	MARFit An Integrated Software for RealTime MR Guided Focused Ultrasound Neuromodulation System		2022
90	IMG-22-0090	Local Intensity Order Transformation for Robust Curvilinear Object Segmentation *		2022
91	IMG-22-0091	Improved Ultrafast Power Doppler Imaging by Using Spatiotemporal NonLocal Means Filtering *		2022
92	IMG-22-0092	EdgeInferring Graph Neural Network With Dynamic TaskGuided SelfDiagnosis for FewShot Hyperspectral Image Classification *		2022
93	IMG-22-0093	JPDSE HighLevel Semantics for Joint PerceptionDistortion Enhancement in Image Compression *		2022
94	IMG-22-0094	1D Imaging of a Superparamagnetic Iron Oxide Nanoparticle Distribution by a SingleSided FFL Magnetic Particle Imaging Scanner *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
95	IMG-22-0095	Hierarchical Amortized GAN for 3D High Resolution Medical Image Synthesis		2022
96	IMG-22-0096	DSNet A DualStream Framework for WeaklySupervised Gigapixel Pathology Image Analysis *		2022
97	IMG-22-0097	Malignancy Detection in Lung and Colon Histopathology Images Using Transfer Learning With Class Selective Image Processing		2022
98	IMG-22-0098	Photogrammetric Processing of Tianwen1 HiRIC Imagery for Precision Topographic Mapping on Mars		2022
99	IMG-22-0099	A single image dehazing method based on decomposition strategy		2022
100	IMG-22-0100	Optimizing Full 3D SPARKLING Trajectories for HighResolution Magnetic Resonance Imaging *		2022
101	IMG-22-0101	Hyperspectral Intrinsic Image Decomposition With Enhanced Spatial Information *		2022
102	IMG-22-0102	3D High Frequency Ultrasound Imaging by PiezoDriving a SingleElement Transducer *		2022
103	IMG-22-0103	Segmentation of the True Lumen of Aorta Dissection via MorphologyConstrained Stepwise Deep Mesh Regression *		2022
104	IMG-22-0104	Functional and Anatomical Image Fusion Based on Gradient Enhanced Decomposition Model *		2022
105	IMG-22-0105	Scalable Image Coding for Humans and Machines *		2022
106	IMG-22-0106	A Degraded Reconstruction EnhancementBased Method for Tiny Ship Detection in Remote Sensing Images With a New LargeScale Dataset *		2022
107	IMG-22-0107	DIOR Deep Iterative OptimizationBased ResidualLearning for LimitedAngle CT Reconstruction *		2022
108	IMG-22-0108	SpectralSpatial Latent Reconstruction for OpenSet Hyperspectral Image Classification *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
109	IMG-22-0109	MSTNet A Multilevel SpectralSpatial Transformer Network for Hyperspectral Image Classification *		2022
110	IMG-22-0110	Progressive Joint LowLight Enhancement and Noise Removal for Raw Images *		2022
111	IMG-22-0111	A RealTime DualMode HighFrequency Beamformer for Ultrafast and Focused Imaging *		2022
112	IMG-22-0112	High Resolution SAR Image Classification Using GlobalLocal Network Structure Based on Vision Transformer and CNN *		2022
113	IMG-22-0113	Perceptually Unimportant Information Reduction and Cosine SimilarityBased Quality Assessment of 3DSynthesized Images *		2022
114	IMG-22-0114	SimplifiedDelayMultiplyandSumBased Promising Beamformer for RealTime Photoacoustic Imaging *		2022
115	IMG-22-0115	Smoothed Lv Distribution Based ThreeDimensional Imaging for Spinning Space Debris *		2022
116	IMG-22-0116	Integrating Coupled Dictionary Learning and Distance Preserved Probability Distribution Adaptation for MultispectralHyperspectral Image Collaborative Classification *		2022
117	IMG-22-0117	Dynamic Imaging for TimeVarying Distribution Using ElectricalUltrasonic DualModality Tomography *		2022
118	IMG-22-0118	Full Field XRay Scatter Tomography *		2022
119	IMG-22-0119	A Document Image Generation Scheme Based on Face Swapping and Distortion Generation		2022
120	IMG-22-0120	PreDemosaic GraphBased Light Field Image Compression *		2022
121	IMG-22-0121	A Unified Approach for Representing Outdoor Scenes		2022
122	IMG-22-0122	SelfSupervised Learning for FewShot Medical Image Segmentation *		2022

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123	IMG-22-0123	Towards Low Light Enhancement With RAW Images *		2022
124	IMG-22-0124	Improving Image Quality for SingleAngle Plane Wave Ultrasound Imaging With Convolutional Neural Network Beamformer *		2022
125	IMG-22-0125	RobotAssisted Medical Imaging A Review *		2022
126	IMG-22-0126	OpticsFree ChipScale Intraoperative Imaging Using NIRExcited Upconverting Nanoparticles *		2022
127	IMG-22-0127	IndexRotated Fast Ultrasound Imaging of Cortical Bone Based on Predicted Velocity Model *		2022
128	IMG-22-0128	Joint Spine Segmentation and Noise Removal From Ultrasound Volume Projection Images With Selective Feature Sharing *		2022
129	IMG-22-0129	Covariance Estimation From Compressive Data Partitions Using a Projected GradientBased Algorithm *		2022
130	IMG-22-0130	Aggregating Features From Dual Paths for Remote Sensing Image Scene Classification		2022
131	IMG-22-0131	MSFusion Multistage for Remote Sensing Image Spatiotemporal Fusion Based on Texture Transformer and Convolutional Neural Network		2022
132	IMG-22-0132	First Clinical Investigation of NearInfrared Window IIallb Fluorescence Imaging for Precise Surgical Resection of Gliomas		2022
133	IMG-22-0133	Hierarchical Knee Image Synthesis Framework for Generative Adversarial Network Data From the Osteoarthritis Initiative		2022
134	IMG-22-0134	NCPDNet A DensityCompensated Unrolled Network for 2D and 3D NonCartesian MRI Reconstruction *		2022
135	IMG-22-0135	Dual EncoderBased DynamicChannel Graph Convolutional Network With Edge Enhancement for Retinal Vessel Segmentation *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
136	IMG-22-0136	HighResolution RealTime Imaging Processing for Spaceborne Spotlight SAR With Curved Orbit via Subaperture Coherent Superposition in Image Domain		2022
137	IMG-22-0137	Microwave Coincidence Imaging Based on Attributed Scattering Model *		2022
138	IMG-22-0138	Distributed RealTime Image Processing of Formation Flying SAR Based on Embedded GPUs		2022
139	IMG-22-0139	AmplitudePhase CNNBased SAR Target Classification via ComplexValued Sparse Image		2022
140	IMG-22-0140	Ultrasound Speckle Reduction Using WaveletBased Generative Adversarial Network *		2022
141	IMG-22-0141	Comprehensive Comparison of Image Quality Aspects Between Conventional and PlaneWave Imaging Methods on a Commercial Scanner		2022
142	IMG-22-0142	Variational Deep Image Restoration *		2022
143	IMG-22-0143	Masked Joint Bilateral Filtering via Deep Image Prior for Digital XRay Image Denoising *		2022
144	IMG-22-0144	SelfGuided Image Dehazing Using Progressive Feature Fusion *		2022
145	IMG-22-0145	Unsupervised MRI Reconstruction via ZeroShot Learned Adversarial Transformers *		2022
146	IMG-22-0146	RotationInvariant Attention Network for Hyperspectral Image Classification *		2022
147	IMG-22-0147	Quantum Processing in Fusion of SAR and Optical Images for Deep Learning A DataCentric Approach		2022
148	IMG-22-0148	Single Image SuperResolution Quality Assessment A RealWorld Dataset Subjective Studies and an Objective Metric *		2022
149	IMG-22-0149	Multisubject TaskRelated fMRI Data Processing via a TwoStage Generalized Canonical Correlation Analysis *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
150	IMG-22-0150	A Convolutional Neural Network for Ultrasound Plane Wave Image Segmentation With a Small Amount of Phase Array Channel Data *		2022
151	IMG-22-0151	RNSBased FPGA Accelerators for HighQuality 3D Medical Image Wavelet Processing Using Scaled Filter Coefficients		2022
152	IMG-22-0152	SemiSegSAR A SemiSupervised Segmentation Algorithm for Ship SAR Images *		2022
153	IMG-22-0153	Elevational Synthetic Aperture Focusing for ThreeDimensional Photoacoustic Imaging Using a Clinical OneDimensional Array Transducer *		2022
154	IMG-22-0154	Brain MR Atlas Construction Using Symmetric Deep Neural Inpainting *		2022
155	IMG-22-0155	GraFT Graph Filtered Temporal Dictionary Learning for Functional Neural Imaging *		2022
156	IMG-22-0156	Medical Report Generation through Radiology Images An Overview *		2022
157	IMG-22-0157	UIF An Objective Quality Assessment for Underwater Image Enhancement *		2022
158	IMG-22-0158	Machine Learning and Application in Terahertz Technology A Review on Achievements and Future Challenges		2022
159	IMG-22-0159	Single Remote Sensing Image Dehazing Using Gaussian and PhysicsGuided Process *		2022
160	IMG-22-0160	A SelfSupervised Residual Feature Learning Model for Multifocus Image Fusion *		2022
161	IMG-22-0161	A DualEncoderSingleDecoder Based LowDose CT Denoising Network *		2022
162	IMG-22-0162	Rapid Hyperspectral Imaging System via SubSampling Coding		2022
163	IMG-22-0163	Customized Radiofrequency PhasedArray Coil Combining TransmitOnly ReceiveOnly and TransmitReceive Coils for Magnetic Resonance Imaging of Visual Cortex at 7 Tesla		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
164	IMG-22-0164	Attention Gate Based DualPathway Network for Vertebra Segmentation of XRay Spine Images *		2022
165	IMG-22-0165	A CNN Based Software Gradiometer for Electromagnetic Background Noise Reduction in Low Field MRI Applications *		2022
166	IMG-22-0166	Adaptive Registration for Optical and SAR Images With a ScaleConstrained Matching Method *		2022
167	IMG-22-0167	Towards HighResolution Imaging With PhotonicsBased Time Division Multiplexing MIMO Radar *		2022
168	IMG-22-0168	MuViMotion ShapeAware 3D Myocardial Motion Tracking From MultiView Cardiac MRI		2022
169	IMG-22-0169	JointSeg Treat Foveal Avascular Zone and Retinal Vessel Segmentation in OCTA Images as a Joint Task *		2022
170	IMG-22-0170	ImageGCN MultiRelational Image Graph Convolutional Networks for Disease Identification With Chest XRays *		2022
171	IMG-22-0171	Performance Assessment of RowColumn Transverse Oscillation Tensor Velocity Imaging Using Computational Fluid Dynamics Simulation of Carotid Bifurcation Flow *		2022
172	IMG-22-0172	SpectralSpatial Classification of Hyperspectral Images Using BERTBased Methods With HyperSLIC Segment Embeddings		2022
173	IMG-22-0173	A Weakly Supervised Framework for 2D3D Vascular Registration Oriented to Incomplete 2D Blood Vessels *		2022
174	IMG-22-0174	Randomized Spatial DownsamplingBased CauchyRPCA Clutter Filtering for HighResolution Ultrafast Ultrasound Microvasculature Imaging and Functional Imaging *		2022
175	IMG-22-0175	Evaluating Quantitative Metrics of ToneMapped Images *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
176	IMG-22-0176	AttentionGuided GlobalLocal Adversarial Learning for DetailPreserving MultiExposure Image Fusion *		2022
177	IMG-22-0177	SuperResolution Ultrasound Through SparsityBased Deconvolution and MultiFeature Tracking *		2022
178	IMG-22-0178	Weighted Feature Fusion of Convolutional Neural Network and Graph Attention Network for Hyperspectral Image Classification *		2022
179	IMG-22-0179	A PseudoSiamese Deep Convolutional Neural Network for Spatiotemporal Satellite Image Fusion		2022
180	IMG-22-0180	Landmark Localization for Cephalometric Analysis Using Multiscale Image PatchBased Graph Convolutional Networks *		2022
181	IMG-22-0181	Semantic ContextAware Image Style Transfer		2022
182	IMG-22-0182	Underwater Image Enhancement Method Based on Dynamic Heterogeneous Feature Fusion Neural Network		2022
183	IMG-22-0183	MultiConstraint Adversarial Networks for Unsupervised ImagetolImage Translation *		2022
184	IMG-22-0184	245m 1280 1024 InGaAs Focal Plane Array With 15m Pitch for Extended SWIR Imaging *		2022
185	IMG-22-0185	Graph Jigsaw Learning for Cartoon Face Recognition *		2022
186	IMG-22-0186	Exploiting NonLocal Priors via SelfConvolution for HighlyEfficient Image Restoration *		2022
187	IMG-22-0187	Remote Sensing Image Dehazing Based on an Attention Convolutional Neural Network		2022
188	IMG-22-0188	Multiple Sclerosis Lesions Segmentation Using AttentionBased CNNs in FLAIR Images		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
189	IMG-22-0189	Fast Processing Approach for NearField Terahertz Imaging With Linear Sparse Periodic Array *		2022
190	IMG-22-0190	Fast Reconstruction of ThreeQuarter Sampling Measurements Using Recurrent Local Joint Sparse Deconvolution and Extrapolation *		2022
191	IMG-22-0191	3D Sparse ISAR Imaging With Multiple Plane Spiral OAM Electromagnetic Waves *		2022
192	IMG-22-0192	Unsupervised Neural Rendering for Image Hazing *		2022
193	IMG-22-0193	Deep LearningBased Photoacoustic Imaging of Vascular Network Through Thick Porous Media		2022
194	IMG-22-0194	A Deep Learning Method for Optimal Undersampling Patterns and Image Recovery for MRI Exploiting Losses and Projections *		2022
195	IMG-22-0195	Learning Aided System for Agriculture Monitoring Designed Using Image Processing and IoT CNN		2022
196	IMG-22-0196	System Matrix Based Reconstruction for Pulsed Sequences in Magnetic Particle Imaging		2022
197	IMG-22-0197	Underwater Image Enhancement via Minimal Color Loss and Locally Adaptive Contrast Enhancement *		2022
198	IMG-22-0198	DoubleStage DMAS With Fresnel Zone Filtering in Guided Waves Damage Imaging *		2022
199	IMG-22-0199	ASNet Fast Photoacoustic Reconstruction With MultiFeature Fusion From Sparse Data *		2022
200	IMG-22-0200	Deep Hyperspectral Image Fusion Network With Iterative SpatioSpectral Regularization *		2022
201	IMG-22-0201	A DeviceIndependent Shape Preserving Retinal Optical Coherence Tomography Image Alignment Method Applying TVUnet for RPE Layer Detection *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
202	IMG-22-0202	Independent Component Analysis Filter for Small Vessel Contrast Imaging During Fast Tissue Motion *		2022
203	IMG-22-0203	A DualDiscriminator Fourier Acquisitive GAN for Generating Retinal Optical Coherence Tomography Images *		2022
204	IMG-22-0204	Simultaneous Screening and Detection of RFI From Massive SAR Images A Case Study on European Sentinel1 *		2022
205	IMG-22-0205	Deep Anomaly Generation An Image Translation Approach of Synthesizing Abnormal Banded Chromosome Images		2022
206	IMG-22-0206	LHNet Laplacian Convolutional Block for Remote Sensing Image Scene Classification *		2022
207	IMG-22-0207	Visual Cluster Grounding for Image Captioning *		2022
208	IMG-22-0208	A Robust SVM ColorBased Food Segmentation Algorithm for the Production Process of a Traditional Carasau Bread		2022
209	IMG-22-0209	Data Acquisition and Preparation for DualReference Deep Learning of Image SuperResolution *		2022
210	IMG-22-0210	Soft Exemplar Highlighting for CrossView ImageBased GeoLocalization *		2022
211	IMG-22-0211	Contrastive Learning for FineGrained Ship Classification in Remote Sensing Images *		2022
212	IMG-22-0212	3D Segmentation Guided StyleBased Generative Adversarial Networks for PET Synthesis *		2022
213	IMG-22-0213	CrossBoosted MultiTarget Domain Adaptation for MultiModality Histopathology Image Translation and Segmentation *		2022
214	IMG-22-0214	Estimating Multidomain Wall Motion in Polycrystalline Materials *		2022
215	IMG-22-0215	DeepLearning Based Adaptive Ultrasound Imaging From SubNyquist Channel Data *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
216	IMG-22-0216	A Comparative Study of Time Domain Compressed Sensing Techniques for Optoacoustic Imaging *		2022
217	IMG-22-0217	PhysicsInformed Hyperspectral Remote Sensing Image Synthesis With Deep Conditional Generative Adversarial Networks *		2022
218	IMG-22-0218	Deep Unsupervised Blind Hyperspectral and Multispectral Data Fusion *		2022
219	IMG-22-0219	Dual Alternating Direction Method of Multipliers for Inverse Imaging		2022
220	IMG-22-0220	Automatic Coronary Artery Segmentation of CCTA Images With an Efficient FeatureFusionandRectification 3DUNet *		2022
221	IMG-22-0221	Pyramid Convolutional RNN for MRI Image Reconstruction *		2022
222	IMG-22-0222	Twin Adversarial Contrastive Learning for Underwater Image Enhancement and Beyond *		2022
223	IMG-22-0223	Group Sparsity Mixture Model and Its Application on Image Denoising *		2022
224	IMG-22-0224	Fusformer A TransformerBased Fusion Network for Hyperspectral Image SuperResolution *		2022
225	IMG-22-0225	Birds of a Feather Flock Together CategoryDivergence Guidance for Domain Adaptive Segmentation *		2022
226	IMG-22-0226	Exploiting IntraSlice and InterSlice Redundancy for LearningBased Lossless Volumetric Image Compression *		2022
227	IMG-22-0227	NonLocal Robust Quaternion Matrix Completion for LargeScale Color Image and Video Inpainting *		2022
228	IMG-22-0228	A Multiscale SpatialSpectral Prototypical Network for Hyperspectral Image FewShot Classification *		2022
229	IMG-22-0229	A LowComplexity and HighResolution Beamformer for Portable Medical Ultrasound Imaging *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
230	IMG-22-0230	BIGPrior Toward Decoupling Learned Prior Hallucination and Data Fidelity in Image Restoration		2022
231	IMG-22-0231	Photon Starvation Artifact Reduction by ShiftVariant Processing		2022
232	IMG-22-0232	Sequential Dynamic Aperture Focusing Strategy for Transmissive Ultrasonic Phase Array Tomography *		2022
233	IMG-22-0233	Integration of SuperResolution ISAR Imaging and Fine Motion Compensation for Complex Maneuvering Ship Targets Under High Sea State *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
1	INS-22-0001	Federated Neural Architecture Search for Medical Data Security *		2022
2	INS-22-0002	Outage Constrained Robust Beamforming Optimization for Multiuser IRSAssisted AntiJamming Communications With Incomplete Information *		2022
3	INS-22-0003	Secure RealTime Chaotic Partial Encryption of EntropyCoded Multimedia Information for Mobile Devices Smartphones		2022
4	INS-22-0004	Smart Grid Security and Privacy From Conventional to Machine Learning Issues Threats and Countermeasures		2022
5	INS-22-0005	Social Engineering Attacks Prevention A Systematic Literature Review		2022
6	INS-22-0006	Coverage Enhancement Algorithm for WSNs Based on Vampire Bat and Improved Virtual Force *		2022
7	INS-22-0007	Design and Testing Novel OneClass Classifier Based on Polynomial Interpolation With Application to Networking Security		2022
8	INS-22-0008	Image encryption based on a novel memristive chaotic system Grain128a algorithm and dynamic pixel masking		2022
9	INS-22-0009	An Opportunistic Power Control Scheme for Mitigating User Location Tracking Attacks in Cellular Networks *		2022
10	INS-22-0010	Trajectory Optimization and Channel Allocation for Delay Sensitive Secure Transmission in UAVRelayed VANETs *		2022
11	INS-22-0011	Quantized SampledData Control Tactic for TS Fuzzy NCS Under Stochastic CyberAttacks and Its Application to TruckTrailer System *		2022
12	INS-22-0012	Dynamically Generate Password Policy via Zipf Distribution *		2022
13	INS-22-0013	MultiUser Blind Symmetric Private Information Retrieval From Coded Servers *		2022
14	INS-22-0014	Reinforcement LearningBased Intelligent Reflecting Surface Assisted Communications Against Smart Attackers *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
15	INS-22-0015	Defining Security Requirements With the Common Criteria Applications Adoptions and Challenges		2022
16	INS-22-0016	A Survey on Hardware Vulnerability Analysis Using Machine Learning		2022
17	INS-22-0017	NoiseBasedProtection Message Dissemination Method for Insecure Opportunistic Underwater Sensor Networks *		2022
18	INS-22-0018	Balancing Precision and Recall for Neural Biomedical Event Extraction *		2022
19	INS-22-0019	Permissioned Blockchain and Deep Reinforcement Learning Enabled Security and Energy Efficient Healthcare Internet of Things		2022
20	INS-22-0020	Multiple AntennasBased Secure Communications With Channel Inversion Power Control *		2022
21	INS-22-0021	Design of Secure Handover Authentication Scheme for Urban Air Mobility Environments		2022
22	INS-22-0022	Value of Information in Wireless Sensor Network Applications and the IoT A Review		2022
23	INS-22-0023	Performance of Vertical Underwater Wireless Optical Communications With Cascaded Layered Modeling *		2022
24	INS-22-0024	Secure Groupcast With Shared Keys *		2022
25	INS-22-0025	Efficient Parallel Implementations of PIPO Block Cipher on CPU and GPU		2022
26	INS-22-0026	Analog Secret Sharing With Applications to Private Distributed Learning *		2022
27	INS-22-0027	FLDSRC Fingerprint Liveness Detection for AFIS Based on Spatial Ridges Continuity *		2022
28	INS-22-0028	Formal Modeling and Verification of a BlockchainBased Crowdsourcing Consensus Protocol		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
29	INS-22-0029	CrossAttentional SpatioTemporal Semantic Graph Networks for Video Question Answering *		2022
30	INS-22-0030	Secure Online Fountain Codes With Low Complexity *		2022
31	INS-22-0031	Security Gap Improvement of BICM Systems Through BitLabeling Optimization for the Gaussian Wiretap Channel		2022
32	INS-22-0032	An Intelligent Security Framework Based on Collaborative Mutual Authentication Model for Smart City Networks		2022
33	INS-22-0033	HighlySensitive MEMS MicroFluxgate Magnetometer *		2022
34	INS-22-0034	Model of Information System Communication in Aggressive Cyberspace Reliability Functional Safety Economics		2022
35	INS-22-0035	When Satellites Work as Eavesdroppers *		2022
36	INS-22-0036	Influence Maximization for Emergency Information Diffusion in Social Internet of Vehicles *		2022
37	INS-22-0037	Improved Correlation Power Analysis on Bitslice Block Ciphers		2022
38	INS-22-0038	On Secrecy Performance of Mixed RFFSO Systems With a WirelessPowered Friendly Jammer		2022
39	INS-22-0039	Security Enhancement in Coherent OFDM Optical Transmission With Chaotic ThreeDimensional Constellation Scrambling *		2022
40	INS-22-0040	Enhancing Structure Preservation in Coreference Resolution by Constrained Graph Encoding *		2022
41	INS-22-0041	ConvMLP A Convolution and MLP Mixed Model for Multimodal Face AntiSpoofing *		2022
42	INS-22-0042	PhysicalLayer Detection and Security of Printed Chipless RFID Tag for Internet of Things Applications *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
43	INS-22-0043	SecureIoT Environment Federated Learning Empowered Approach for Securing IoT From Data Breach *		2022
44	INS-22-0044	Systematic Literature Review of Security Event Correlation Methods		2022
45	INS-22-0045	Jamming and Link Selection for Joint SecrecyDelay Guarantees in BufferAided Relay System *		2022
46	INS-22-0046	EnergyEfficient Hybrid Beamforming for Multilayer RISAssisted Secure Integrated TerrestrialAerial Networks *		2022
47	INS-22-0047	Impact of SelfEnergy Recycling and Cooperative Jamming on SWIPTBased FD Relay Networks With Secrecy Constraints		2022
48	INS-22-0048	Channel Impulse Response Multilevel Quantization for Power Line Communications		2022
49	INS-22-0049	Security DataDriven Control for Nonlinear Systems Subject to Deception and False Data Injection Attacks *		2022
50	INS-22-0050	Strategic DoS Attack in Continuous Space for CyberPhysical Systems Over Wireless Networks *		2022
51	INS-22-0051	Secure Transmission via IUI Engineering for IRSAssisted NOMA Systems *		2022
52	INS-22-0052	Secure Transceiver Design and Power Control for OvertheAir Computation Networks *		2022
53	INS-22-0053	Generating Multilssued Session Key by Using Semi Quantum Key Distribution With TimeConstraint		2022
54	INS-22-0054	A 3D NonStationary MIMO Channel Model for Reconfigurable Intelligent Surface Auxiliary UAVtoGround mmWave Communications *		2022
55	INS-22-0055	AvgNet Adaptive Visibility Graph Neural Network and Its Application in Modulation Classification *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
56	INS-22-0056	Dynamic Network Security Function Enforcement via Joint Flow and Function Scheduling *		2022
57	INS-22-0057	Secure List Decoding and its Application to BitString Commitment *		2022
58	INS-22-0058	SelfAdversarial Training Incorporating Forgery Attention for Image Forgery Localization *		2022
59	INS-22-0059	An Automatically Privacy Protection Solution for Implementing the Right to Be Forgotten in Embedded System		2022
60	INS-22-0060	Guest Editorial Medical Data Security Solution for Healthcare Industries *		2022
61	INS-22-0061	AttackResilient Optimal PMU Placement via Reinforcement Learning Guided Tree Search in Smart Grids *		2022
62	INS-22-0062	Adaptive Neural Security Control for Networked Singular Systems Under Deception Attacks		2022
63	INS-22-0063	A Fully Authenticated DiffieHellman Protocol and Its Application in WSNs *		2022
64	INS-22-0064	RUAMIoD A Robust User Authentication Mechanism for the Internet of Drones		2022
65	INS-22-0065	BPLMSBT BlockchainBased Permission List for Mitigating the SensorBased Threats on Smartphones *		2022
66	INS-22-0066	Synthetic Speech Detection Based on Local Autoregression and Variance Statistics *		2022
67	INS-22-0067	SemanticAware PrivacyPreserving Online Location Trajectory Data Sharing *		2022
68	INS-22-0068	PrivacyPreserving BinPacking With Differential Privacy		2022
69	INS-22-0069	Efficient Recovery of a Shared Secret via Cooperation Applications to SDMM and PIR *		2022
70	INS-22-0070	Heterogeneous Feature Augmentation for Ponzi Detection in Ethereum *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
71	INS-22-0071	Image Security Retrieval Based on Chaotic Algorithm and Deep Learning		2022
72	INS-22-0072	Toward PrivacyPreserving Aggregate Reverse Skyline Query With Strong Security *		2022
73	INS-22-0073	New Attacks on the GPRS Encryption Algorithms GEA1 and GEA2 *		2022
74	INS-22-0074	Secrecy Performance of Underlay Cognitive Radio Networks With Primary Interference *		2022
75	INS-22-0075	Secure ECCBased ThreeFactor Mutual Authentication Protocol for Telecare Medical Information System		2022
76	INS-22-0076	The LatticedBased Path Privacy Protection Aggregation Scheme for Internet of Vehicles		2022
77	INS-22-0077	Approaches to ArrayType Optical IRSs Schemes and Comparative Analysis *		2022
78	INS-22-0078	Secure Active and Passive Beamforming in IRSAided MIMO Systems *		2022
79	INS-22-0079	DomainPrio Prioritizing Domain Name Investigations to Improve SOC Efficiency		2022
80	INS-22-0080	Redactable Blockchain in Decentralized Setting *		2022
81	INS-22-0081	CGST Provably Secure Lightweight Certificateless Group Signcryption Technique Based on Fractional Chaotic Maps		2022
82	INS-22-0082	Flexible Physical Layer Security for Joint Data and Pilots in Future Wireless Networks *		2022
83	INS-22-0083	A DataDriven Scheme Based on Sparse Projection Oblique Randomer Forests for RealTime Dynamic Security Assessment		2022
84	INS-22-0084	Boosting Fast Adversarial Training With Learnable Adversarial Initialization *		2022
85	INS-22-0085	Secure Communication Channels Using AtmosphereLimited LineofSight Terahertz Links *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
86	INS-22-0086	Decentralized Review and Attestation of Software Attribute Claims		2022
87	INS-22-0087	InfoCommit InformationTheoretic Polynomial Commitment *		2022
88	INS-22-0088	Integrated Network and Security Operation Center A Systematic Analysis		2022
89	INS-22-0089	The Anonymity of the Dark Web A Survey		2022
90	INS-22-0090	Detecting Overlapped Objects in XRay Security Imagery by a LabelAware Mechanism *		2022
91	INS-22-0091	An Efficient Hybrid IDS Deployment Architecture for MultiHop Clustered Wireless Sensor Networks *		2022
92	INS-22-0092	Security and Reliability Performance of NoiseLoop Modulation Theoretical Analysis and Experimentation *		2022
93	INS-22-0093	Implicit and Explicit Feature Purification for AgeInvariant Facial Representation Learning *		2022
94	INS-22-0094	Latent Fingerprint Indexing Robust Representation and Adaptive Candidate List *		2022
95	INS-22-0095	Cyber Threats Detection in Smart Environments Using SDNEnabled DNNLSTM Hybrid Framework		2022
96	INS-22-0096	Hidden Path Understanding the Intermediary in Malicious Redirections *		2022
97	INS-22-0097	Secure NOMAAssisted MultiLED Underwater Visible Light Communication *		2022
98	INS-22-0098	Zero Trust Architecture ZTA A Comprehensive Survey		2022
99	INS-22-0099	Quantum Federated Learning With Decentralized Data *		2022
100	INS-22-0100	Defending TraceBack Attack in 3D Wireless Internet of Things *		2022
101	INS-22-0101	REASTMIS ResourceEfficient Authentication Scheme for Telecare Medical Information System		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
102	INS-22-0102	Physically Flexible UltralowPower Wireless Sensor		2022
103	INS-22-0103	Privacy Protection Framework for Android		2022
104	INS-22-0104	Threat Modeling and Risk Analysis for Miniaturized Wireless Biomedical Devices *		2022
105	INS-22-0105	One Parameter DefenseDefending Against Data Inference Attacks via Differential Privacy *		2022
106	INS-22-0106	SALSTMIS Secure Anonymous and Lightweight PrivacyPreserving Scheme for IoMTEnabled TMIS Environments		2022
107	INS-22-0107	An Overview of Backdoor Attacks Against Deep Neural Networks and Possible Defences		2022
108	INS-22-0108	Constructing Orientable Sequences *		2022
109	INS-22-0109	Improving Generalization by Commonality Learning in Face Forgery Detection *		2022
110	INS-22-0110	Quantum Anonymous Private Information Retrieval for Distributed Networks *		2022
111	INS-22-0111	Authenticated Encryption Schemes A Systematic Review		2022
112	INS-22-0112	Impact of Outdated CSI on the Secure Communication in Untrusted InBand FullDuplex Relay Networks		2022
113	INS-22-0113	FineDIFT FineGrained Dynamic Information Flow Tracking for DataFlow Integrity Using Coprocessor *		2022
114	INS-22-0114	PVDFL A PrivacyPreserving and Verifiable Decentralized Federated Learning Framework *		2022
115	INS-22-0115	CruParamer Learning on ParameterAugmented API Sequences for Malware Detection *		2022
116	INS-22-0116	Game Theory and Coverage Optimization Based Multihop Routing Protocol for Network Lifetime in Wireless Sensor Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
117	INS-22-0117	Enhancing Reliability and Security of UAVEnabled NOMA Communications With Power Allocation and Aerial Jamming *		2022
118	INS-22-0118	Gradually Enhanced Adversarial Perturbations on Color Pixel Vectors for Image Steganography *		2022
119	INS-22-0119	SNPSFuzzer A Fast Greybox Fuzzer for Stateful Network Protocols Using Snapshots *		2022
120	INS-22-0120	Security Assurance Model of Software Development for Global Software Development Vendors		2022
121	INS-22-0121	Efficient Profiled SideChannel Analysis of Masked Implementations Extended *		2022
122	INS-22-0122	A Systematic Analysis of 5G Networks With a Focus on 5G Core Security		2022
123	INS-22-0123	Security Energy Efficiency Analysis of Analog Collaborative Beamforming With Stochastic Virtual Antenna Array of UAV Swarm *		2022
124	INS-22-0124	BlockchainBased Supply Chain Information Sharing Mechanism		2022
125	INS-22-0125	Security at Physical Layer in NOMA Relaying Networks With Cooperative Jamming *		2022
126	INS-22-0126	Robust Private and Secure CacheAided Scalar Linear Function Retrieval From Coded Servers		2022
127	INS-22-0127	Smart Gravimetric System for Enhanced Security of Accesses to Public Places Embedding a MobileNet Neural Network Classifier *		2022
128	INS-22-0128	Optimization on Multiuser Physical Layer Security of Intelligent Reflecting SurfaceAided VLC *		2022
129	INS-22-0129	A CrossLayer Green InformationCentric Networking Design Toward the Energy Internet *		2022
130	INS-22-0130	Stealthy Backdoors as Compression Artifacts *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
131	INS-22-0131	MultiAccess Edge Offloading Based on Physical Layer Security in CV2X System *		2022
132	INS-22-0132	Heterogeneous Face Recognition via Face Synthesis With IdentityAttribute Disentanglement *		2022
133	INS-22-0133	ShieldFL Mitigating Model Poisoning Attacks in PrivacyPreserving Federated Learning *		2022
134	INS-22-0134	BlockchainEnabled Social Security Services Using Smart Contracts		2022
135	INS-22-0135	PUFBased Authentication and Key Agreement Protocols for IoT WSNs and Smart Grids A Comprehensive Survey *		2022
136	INS-22-0136	Comments on PassBio PrivacyPreserving UserCentric Biometric Authentication		2022
137	INS-22-0137	Mechanisms for Hiding Sensitive Genotypes With InformationTheoretic Privacy *		2022
138	INS-22-0138	Deep LearningAssisted Secure UAVRelaying Networks With Channel Uncertainties *		2022
139	INS-22-0139	ClosedForm Expression for BER of CPOFDM Systems Over an Underwater Acoustic Channel With Statistical Characterization *		2022
140	INS-22-0140	SecurityEnhanced Chaotic Optical Communication Based on External Temporal SelfFeedback Hardware Encryption and Decryption		2022
141	INS-22-0141	PhishSim Aiding Phishing Website Detection With a FeatureFree Tool		2022
142	INS-22-0142	DomainAgnostic Document Authentication Against Practical Recapturing Attacks *		2022
143	INS-22-0143	Multilevel FrequencySpecific Information Storage Using Engineered Electromechanical Resonances in Piezoelectric Wafer Arrays *		2022
144	INS-22-0144	A Remote Security Computational Ghost Imaging Method Based on Quantum Key Distribution Technology		2022
145	INS-22-0145	MAGIC A Method for Assessing Cyber Incidents Occurrence		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
146	INS-22-0146	Hierarchical Naming Scheme in Named Data Networking for Internet of Things A Review and Future Security Challenges		2022
147	INS-22-0147	Hierarchical BlockchainBased Group and Group Key Management Scheme Exploiting Unmanned Aerial Vehicles for Urban Computing		2022
148	INS-22-0148	Approximate Message Passing for Channel Estimation in Reconfigurable Intelligent Surface Aided MIMO Multiuser Systems *		2022
149	INS-22-0149	Universal Deep Network for Steganalysis of Color Image Based on Channel Representation *		2022
150	INS-22-0150	Enhancing the Information Capacity With Modulated Orbital Angular Momentum Holography		2022
151	INS-22-0151	Hybrid Coupled Serially Concatenated Codes *		2022
152	INS-22-0152	Three Birds With One Stone User Intention Understanding and Influential Neighbor Disclosure for Injection Attack Detection *		2022
153	INS-22-0153	Security and Privacy Issues in Autonomous Vehicles A LayerBased Survey		2022
154	INS-22-0154	A Derivative PBFT Blockchain Consensus Algorithm With Dual Primary Nodes Based on Separation of PowersDPNPBFT		2022
155	INS-22-0155	Physical Layer Security in LargeScale Random Multiple Access Wireless Sensor Networks A Stochastic Geometry Approach *		2022
156	INS-22-0156	Unified Performance Evaluation Method for Perceptual Image Hashing *		2022
157	INS-22-0157	A Survey of Physical Layer Techniques for Secure Wireless Communications in Industry *		2022
158	INS-22-0158	Secrecy Capacity of Diffusive Molecular Communication Under Different Deployments		2022
159	INS-22-0159	Active Control Strategy for Disturbed Switched Systems Under Asynchronous DoS Attacks *		2022

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160	INS-22-0160	Relay SelectionBased Cooperative Backscatter Transmission With Energy Harvesting Throughput Maximization *		2022
161	INS-22-0161	Digital Watermarking Technology Based on LDPC Code and Chaotic Sequence		2022
162	INS-22-0162	A Hybrid Intrusion Detection System Based on Feature Selection and Weighted Stacking Classifier		2022
163	INS-22-0163	Detection of Spoofing Attacks in Aeronautical AdHoc Networks Using Deep Autoencoders *		2022
164	INS-22-0164	Tripartite Evolutionary Game of Multiparty Collaborative Supervision of Personal Information Security in App Empirical Evidence From China		2022
165	INS-22-0165	SemanticBased Approach for CyberPhysical Cascading Effects Within Healthcare Infrastructures		2022
166	INS-22-0166	A Framework of the Critical Factors for Healthcare Providers to Share Data Securely Using Blockchain		2022
167	INS-22-0167	Guessing Based on Compressed Side Information *		2022
168	INS-22-0168	Phishing Classification Techniques A Systematic Literature Review		2022
169	INS-22-0169	Automatic Detection of Underwater Small Targets Using ForwardLooking Sonar Images *		2022
170	INS-22-0170	A Secure Optimization Routing Algorithm for Mobile Ad Hoc Networks		2022
171	INS-22-0171	xVDB A HighCoverage Approach for Constructing a Vulnerability Database		2022
172	INS-22-0172	A MultiMode DataDriven VoltVar Control Strategy With Conservation Voltage Reduction in Active Distribution Networks *		2022
173	INS-22-0173	Wrongdoing Monitor A GraphBased Behavioral Anomaly Detection in Cyber Security *		2022
174	INS-22-0174	Internet of ThingsBuilding Information Modeling Integration Attacks Challenges and Countermeasures		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
175	INS-22-0175	Achieving Covert Wireless Communication With a MultiAntenna Relay *		2022
176	INS-22-0176	A Survey on the Cyber Security of SmalltoMedium Businesses Challenges Research Focus and Recommendations		2022
177	INS-22-0177	Security SMC for Networked Fuzzy Singular Systems With SemiMarkov Switching Parameters		2022
178	INS-22-0178	EnergyEfficient Routing Protocol Based on MultiThreshold Segmentation in Wireless Sensors Networks for Precision Agriculture		2022
179	INS-22-0179	PFLF PrivacyPreserving Federated Learning Framework for Edge Computing *		2022
180	INS-22-0180	Safe Exploration in Wireless Security A Safe Reinforcement Learning Algorithm With Hierarchical Structure *		2022
181	INS-22-0181	HighSecurity Physical Layer Encryption Scheme for SCMAFBMC in FourMode Fiber		2022
182	INS-22-0182	TrustSAMP Securing Streaming Music Against Multivector Attacks on ARM Platform *		2022
183	INS-22-0183	Securing Intelligent Reflecting Surface Assisted Terahertz Systems		2022
184	INS-22-0184	A Method Exploiting the ChannelTraining Phase to Achieve Secrecy in a Fading Broadcast Channel *		2022
185	INS-22-0185	Coverage Control Algorithm for DSNs Based on Improved Gravitational Search *		2022
186	INS-22-0186	How Do Organizations Seek Cyber Assurance Investigations on the Adoption of the Common Criteria and Beyond		2022
187	INS-22-0187	Secure NOMABased UAVMEC Network Towards a Flying Eavesdropper *		2022
188	INS-22-0188	An Improvement of Security Scheme for Radio Environment Map Under Massive Attacking		2022
189	INS-22-0189	Hybrid Optimization Enabled Robust CNNLSTM Technique for Network Intrusion Detection		2022

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190	INS-22-0190	SFTSDH Applying Spring Security Framework With TSDBased OAuth2 to Protect Microservice Architecture APIs		2022
191	INS-22-0191	Parallel SpongeBased Authenticated Encryption With SideChannel Protection and AdversaryInvisible Nonces		2022
192	INS-22-0192	VILS A Verifiable Image Licensing System *		2022
193	INS-22-0193	Secure Multiantenna Transmission With an Unknown Eavesdropper Power Allocation and Secrecy Outage Analysis *		2022
194	INS-22-0194	The Effect of Social Media User Behaviors on Security and Privacy Threats		2022
195	INS-22-0195	SCD2 Secure Content Delivery and Deduplication With Multiple Content Providers in Information Centric Networking *		2022
196	INS-22-0196	Named Data Networking A Survey on Routing Strategies		2022
197	INS-22-0197	Blockchain Bridges Critical National Infrastructures EHealthcare Data Migration Perspective		2022
198	INS-22-0198	MMAuth A Continuous Authentication Framework on Smartphones Using Multiple Modalities *		2022
199	INS-22-0199	Improving Physical Layer Security in IRSAided WPCN Multicast Systems via Stackelberg Game *		2022
200	INS-22-0200	Fast and Lightweight Network for Single Frame Structured Illumination Microscopy SuperResolution *		2022
201	INS-22-0201	Learning Feature Channel Weighting for RealTime Visual Tracking *		2022
202	INS-22-0202	Cybersecurity Awareness in Online Education A Case Study Analysis *		2022
203	INS-22-0203	HighCapacity Image Steganography Based on Discrete Hadamard Transform		2022
204	INS-22-0204	A Finite Prefix for Analyzing Information Flow Among Transitions of a FreeChoice Net		2022

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## IEEE Information Security Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
205	INS-22-0205	Secure Beamforming for IRSAssisted Nonlinear SWIPT Systems With FullDuplex User *		2022
206	INS-22-0206	Audio Watermarking for Security and NonSecurity Applications		2022
207	INS-22-0207	DomainPrivate Factor Detachment Network for NIRVIS Face Recognition *		2022
208	INS-22-0208	A Comparative Analysis of Information and Artificial Intelligence Toward National Security		2022
209	INS-22-0209	A FullDuplex Directional MAC Framework for Underwater Acoustic Sensor Networks *		2022
210	INS-22-0210	Partitioned RealTime Scheduling for Preventing Information Leakage		2022
211	INS-22-0211	BCAuth Physical Layer Enhanced Authentication and Attack Tracing for Backscatter Communications		2022
212	INS-22-0212	LinkBreaker Breaking the BackdoorTrigger Link in DNNs via Neurons Consistency Check *		2022
213	INS-22-0213	On Covert Communication Performance With Outdated CSI in Wireless Greedy Relay Systems *		2022
214	INS-22-0214	Playing With Blocks Toward ReUsable Deep Learning Models for SideChannel Profiled Attacks		2022
215	INS-22-0215	Security Optimization for an AF MIMO TwoWay RelayAssisted Cognitive Radio Nonorthogonal Multiple Access Networks With SWIPT *		2022
216	INS-22-0216	A Security Model Based on LightGBM and Transformer to Protect Healthcare Systems From Cyberattacks		2022
217	INS-22-0217	Development of BlockchainBased Health Information Exchange Platform Using HL7 FHIR Standards Usability Test		2022
218	INS-22-0218	Multiclass ClassificationBased SideChannel Hybrid Attacks on Strong PUFs *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
219	INS-22-0219	Underwater Acoustic Imaging via Online Bayesian Compressive Beamforming *		2022
220	INS-22-0220	Augmented Tensor MUSIC for DOA Estimation Using Nested Acoustic VectorSensor Array *		2022
221	INS-22-0221	Systematic Literature Review on Security Risks and its Practices in Secure Software Development		2022
222	INS-22-0222	Secure Distributed Matrix Computation With Discrete Fourier Transform *		2022
223	INS-22-0223	A Novel ThreeFactor Authentication Protocol for Multiple Service Providers in 6GAided Intelligent Healthcare Systems		2022
224	INS-22-0224	Design of AntiEavesdropping Scheme for SLTLT Codes Based on Random Symbol Sets		2022
225	INS-22-0225	PrivacyPreserving Aggregate Mobility Data Release An InformationTheoretic Deep Reinforcement Learning Approach *		2022
226	INS-22-0226	RF Impairment ModelBased IoT PhysicalLayer Identification for Enhanced Domain Generalization *		2022
227	INS-22-0227	E2FGAN EyestoFace Inpainting via EdgeAware CoarsetoFine GANs		2022
228	INS-22-0228	SelfSecure CapacityAchieving Feedback Schemes of Gaussian MultipleAccess Wiretap Channels With Degraded Message Sets *		2022
229	INS-22-0229	Robust Image Forgery Detection Against Transmission Over Online Social Networks *		2022
230	INS-22-0230	ACE AnchorFree Corner Evolution for RealTime ArbitrarilyOriented Object Detection *		2022
231	INS-22-0231	An Efficient PublicKey DualReceiver Encryption Scheme		2022
232	INS-22-0232	How Perceptions of Information Privacy and Security Impact Consumer Trust in CryptoPayment An Empirical Study		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
233	INS-22-0233	Editorial Special Section on Security Privacy and Trust Analysis and Service Management for Intelligent Internet of Things Healthcare *		2022
234	INS-22-0234	Dynamical Failures Driven by False Load Injection Attacks Against Smart Grid *		2022
235	INS-22-0235	An Artificial Radio Frequency Fingerprint Embedding Scheme for Device Identification *		2022
236	INS-22-0236	Analyzing and Evaluating Critical Cyber Security Challenges Faced by Vendor Organizations in Software Development SLR Based Approach		2022
237	INS-22-0237	ECSVC Secure CAN Bus InVehicle Communications With FineGrained Access Control Based on Edge Computing *		2022
238	INS-22-0238	LBVP A Lightweight Batch Verification Protocol for FogBased Vehicular Networks Using SelfCertified Public Key Cryptography *		2022
239	INS-22-0239	On the Security of FullDuplex RelayAssisted Underwater Acoustic Network With NOMA *		2022
240	INS-22-0240	A Physical Layer SecurityEnhanced Scheme in COOFDM System Based on CIJS Encryption and 3DLSCM Chaos *		2022
241	INS-22-0241	Capacity Results for RangeLimited SISO and MISO Dimmable VLC Channels *		2022
242	INS-22-0242	Good Learning Bad Performance A Novel Attack Against RLBased Congestion Control Systems *		2022
243	INS-22-0243	Document Recapture Detection Based on a Unified Distortion Model of Halftone Cells *		2022
244	INS-22-0244	Session Management for Security Systems in 5G Standalone Network		2022
245	INS-22-0245	A Review on Security Issues and Solutions of the Internet of Drones		2022
246	INS-22-0246	RealTime OneStream SemanticGuided Refinement Network for RGBThermal Salient Object Detection *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
247	INS-22-0247	Detect and Locate Exposing Face Manipulation by Semantic and NoiseLevel Telltales *		2022
248	INS-22-0248	CSNTSteg Color Spacing Normalization Text Steganography Model to Improve Capacity and Invisibility of Hidden Data		2022
249	INS-22-0249	MultiUser Beam Training and Transmission Design for Covert MillimeterWave Communication *		2022
250	INS-22-0250	Seeing Traffic Paths Encrypted Traffic Classification With Path Signature Features *		2022
251	INS-22-0251	FBASHI Fuzzy and BlockchainBased Adaptive Security for Healthcare IoTs		2022
252	INS-22-0252	Towards 6GEnabled Internet of Vehicles Security and Privacy		2022
253	INS-22-0253	SecurityOriented Polar Coding Based on ChannelGainMapped Frozen Bits *		2022
254	INS-22-0254	Enhanced SideChannel Analysis on ECDSA Employing FixedBase Comb Method		2022
255	INS-22-0255	Sparse Data Injection Attacks on Smart Grid An InformationTheoretic Approach *		2022
256	INS-22-0256	SDN Security Review Threat Taxonomy Implications and Open Challenges		2022
257	INS-22-0257	A Generic Approach to Build Revocable Hierarchical IdentityBased Encryption		2022
258	INS-22-0258	EBanking Security Study10 Years Later		2022
259	INS-22-0259	Secured Convolutional Layer IP Core in Convolutional Neural Network Using Facial Biometric *		2022
260	INS-22-0260	Data Integrity Attack in Dynamic State Estimation of Smart Grid Attack Model and Countermeasures *		2022
261	INS-22-0261	Language Reinforced Superposition Multimodal Fusion for Sentiment Analysis *		2022
262	INS-22-0262	Secure FullDuplex Wireless Power Transfer Systems With EnergyInformation Correlation		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
263	INS-22-0263	BlackBox Audio Adversarial Attack Using Particle Swarm Optimization		2022
264	INS-22-0264	Adaptive Blockchain Technology for a Cybersecurity Framework in IIoT *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
1	IOT-22-0001	IoTAuth IoT Sensor Data Analytics for User Authentication Using Discriminative Feature Analysis		2022
2	IOT-22-0002	Design Deployment and Performance Evaluation of an IoT Based Smart Energy Management System for Demand Side Management in Smart Grid		2022
3	IOT-22-0003	IoT Device Friendly and CommunicationEfficient Federated Learning via Joint Model Pruning and Quantization *		2022
4	IOT-22-0004	A New Dynamic Optimal M2M RF Interface Setting in Relay Selection Algorithm DORSA for IoT Applications		2022
5	IOT-22-0005	A Survey on Indoor Positioning Systems for IoTBased Applications *		2022
6	IOT-22-0006	5GEnabled Medical Data Transmission in Mobile Hospital Systems *		2022
7	IOT-22-0007	A Reliable and Efficient Task Offloading Strategy Based on Multifeedback Trust Mechanism for IoT Edge Computing *		2022
8	IOT-22-0008	A Novel EnergyConscious Access Point eAP System With CrossLayer Design in WiFi Networks for Reliable IoT Services		2022
9	IOT-22-0009	Fog Computing for EnergyEfficient Data Offloading of IoT Applications in Industrial Sensor Networks *		2022
10	IOT-22-0010	Transport Capacity Optimization for Resource Allocation in TeraloT Networks *		2022
11	IOT-22-0011	Data Collection in Studies on Internet of Things IoT Wireless Sensor Networks WSNs and Sensor Cloud SC Similarities and Differences		2022
12	IOT-22-0012	Adaptive FaultTolerant Strategy for LatencyAware IoT Application Executing in Edge Computing Environment *		2022
13	IOT-22-0013	Control Hardware in the Loop and IoT Integration A Testbed for Residential Photovoltaic System Evaluation		2022
14	IOT-22-0014	InternetofThings Curriculum Pedagogy and Assessment for STEM Education A Review of Literature		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
15	IOT-22-0015	QoS Aware Fog Node Placement for Intensive IoT Applications in SDNFog Scenarios *		2022
16	IOT-22-0016	Design and Development of RNN Anomaly Detection Model for IoT Networks		2022
17	IOT-22-0017	MIMOLoRa for HighDataRate IoT Concept and Precoding Design		2022
18	IOT-22-0018	Optical Uplink D2D and IoT Links Based on VCSEL Array Analysis and Demonstration *		2022
19	IOT-22-0019	MSERPL Mobility Support Enhancement in RPL for IoT Mobile Applications		2022
20	IOT-22-0020	Quick Suppression of DDoS Attacks by Frame Priority Control in IoT Backhaul With Construction of MiraiBased Attacks		2022
21	IOT-22-0021	An Efficient and Reliable ChaosBased IoT Security Core for UDPIP Wireless Communication		2022
22	IOT-22-0022	Ubiquitous Acoustic Sensing on Commodity IoT Devices A Survey *		2022
23	IOT-22-0023	Internet of Things in Greenhouse Agriculture A Survey on Enabling Technologies Applications and Protocols		2022
24	IOT-22-0024	BlockchainBased Secure Crowdsourcing in Wireless IoT *		2022
25	IOT-22-0025	RIS Assisted Wireless Powered IoT Networks With Phase Shift Error and Transceiver Hardware Impairment *		2022
26	IOT-22-0026	SubBand Assignment and Power Control for IoT Cellular Networks via Deep Learning		2022
27	IOT-22-0027	A Review of IoTEnabled Mobile Healthcare Technologies Challenges and Future Trends *		2022
28	IOT-22-0028	An Energy Aware Intelligent Fault Detection Scheme for IoTEnabled WSNs *		2022
29	IOT-22-0029	6LoWPAN Over Optical Wireless Communications for IPv6 Transport in Internet of Things Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
30	IOT-22-0030	A Joint Optimization Framework for IRSAssisted Energy SelfSustainable IoT Networks *		2022
31	IOT-22-0031	Machine Learning in RealTime Internet of Things IoT Systems A Survey *		2022
32	IOT-22-0032	Novel Architecture for Cellular IoT in Future NonTerrestrial Networks Store and Forward Adaptations for Enabling Discontinuous Feeder Link Operation		2022
33	IOT-22-0033	Reinforcement Learning Enabled Intelligent Energy Attack in Green IoT Networks *		2022
34	IOT-22-0034	CES BlocksA Novel Chaotic Encryption SchemesBased Blockchain System for an IoT Environment		2022
35	IOT-22-0035	An EndtoEnd Smart IoTDriven Navigation for Social Distancing Enforcement		2022
36	IOT-22-0036	LightWeight Secure Aggregated Data Sharing in IoTEnabled Wireless Sensor Networks		2022
37	IOT-22-0037	Security and Privacy Threats for Bluetooth Low Energy in IoT and Wearable Devices A Comprehensive Survey		2022
38	IOT-22-0038	Joint Activity and Blind Information Detection for UAVAssisted Massive IoT Access *		2022
39	IOT-22-0039	Internet of Things Stateoftheart Computing Paradigms and Reference Architectures *		2022
40	IOT-22-0040	A DomainSpecific Language for Modeling IoT System Architectures That Support Monitoring		2022
41	IOT-22-0041	Dynamics in Coded Edge Computing for IoT A Fractional Evolutionary Game Approach *		2022
42	IOT-22-0042	Retrieving Forensically Sound Evidence From the ESP Series of IoT Devices *		2022
43	IOT-22-0043	LShapeBased Iterative Prediction and Residual Median Edge Detection LIPRMED Algorithm for VVC IntraFrame Lossless Compression *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
44	IOT-22-0044	Sovereign SelfContained Smart Home With DataCentric Network and Security *		2022
45	IOT-22-0045	SENMQTTSET An Intelligent Intrusion Detection in IoTMQTT Networks Using Ensemble Multi Cascade Features		2022
46	IOT-22-0046	An Efficient LoRaEnabled Smart Fault Detection and Monitoring Platform for the Power Distribution System Using SelfPowered IoT Devices		2022
47	IOT-22-0047	Integration of IoT and Fog Computing in Healthcare Based the Smart Intensive Units		2022
48	IOT-22-0048	Minimal WideRange Resistive SensortoMicrocontroller Interface for Versatile IoT Nodes *		2022
49	IOT-22-0049	Benchmarking Cloud Providers on Serverless IoT BackEnd Infrastructures *		2022
50	IOT-22-0050	SimulateIoTWARE Domain Specific Language to Design Code Generation and Execute IoT Simulation Environments on FWARE		2022
51	IOT-22-0051	Modeling and Experimental Validation for Battery Lifetime Estimation in NBLoT and LTEM *		2022
52	IOT-22-0052	Intelligent Power Allocation Algorithm for EnergyEfficient Mobile Internet of Things IoT Networks *		2022
53	IOT-22-0053	CellFree IoT Networks With SWIPT Performance Analysis and Power Control *		2022
54	IOT-22-0054	FLYSMOTE ReBalancing the NonIID IoT Edge Devices Data in Federated Learning System		2022
55	IOT-22-0055	DroneSegNet Robust Aerial Semantic Segmentation for UAVBased IoT Applications *		2022
56	IOT-22-0056	Cellular WideArea and NonTerrestrial IoT A Survey on 5G Advances and the Road Toward 6G *		2022
57	IOT-22-0057	QLearning NOMA Random Access for IoTsatellite Terrestrial Relay Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
58	IOT-22-0058	RBACLB RM An RBACBased Load Balancing Assisted Efficient Resource Management Framework for IoT Edge Fog Network *		2022
59	IOT-22-0059	Impacts of User Association and Power Control on AoI in MultiTier CellularBased IoT Networks *		2022
60	IOT-22-0060	OCF Bridging Techniques for UWBLoRa IoT Ecosystems		2022
61	IOT-22-0061	A Decentralized LocationBased Reputation Management System in the IoT Using Blockchain *		2022
62	IOT-22-0062	Interserver computation offloading and resource allocation in multidrone aided spaceairground integrated IoT networks		2022
63	IOT-22-0063	Modular Framework for Constructing IoTServer AKE in PostQuantum Setting		2022
64	IOT-22-0064	The Importance of Repetitions in UltraDense NBLoT Networks *		2022
65	IOT-22-0065	Toward Joint Radar Communication Computation Localization and Sensing in IoT		2022
66	IOT-22-0066	IoT CloudBased Power Quality Extended Functionality for GridInteractive Appliance Controllers *		2022
67	IOT-22-0067	On Security of TrustZoneMBased IoT Systems *		2022
68	IOT-22-0068	TwoStage Channel Estimation Approach for CellFree IoT With Massive Random Access *		2022
69	IOT-22-0069	Building a Natural Language Query and Control Interface for IoT Platforms		2022
70	IOT-22-0070	A Quality Aware Multiunit Double Auction Framework for IoTBased Mobile Crowdsensing in Strategic Setting		2022
71	IOT-22-0071	Reliable Deep Learning and IoTBased Monitoring System for Secure Computer Numerical Control Machines Against CyberAttacks With Experimental Verification		2022
72	IOT-22-0072	ADRDC A Novel Adaptive Dynamic Radio Duty Cycle Mechanism for LowPower IoT Devices *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
73	IOT-22-0073	Autonomous BatteryLess Vibration IoT Powered by Waste Heat for Chemical Plants Using NBloT *		2022
74	IOT-22-0074	RLDistPrivacy PrivacyAware Distributed Deep Inference for Low Latency IoT Systems *		2022
75	IOT-22-0075	RadixPartitionBased OvertheAir Aggregation and LowComplexity State Estimation for IoT Systems Over Wireless Fading Channels *		2022
76	IOT-22-0076	GSQRNN A HighEfficiency Automatic Modulation Classifier for Cognitive Radio IoT *		2022
77	IOT-22-0077	RF FingerprintingBased IoT Node Authentication Using Mahalanobis Distance Correlation Theory *		2022
78	IOT-22-0078	Hardware Acceleration for Postdecision State Reinforcement Learning in IoT Systems *		2022
79	IOT-22-0079	IoTEquipped and AIEnabled Next Generation Smart Agriculture A Critical Review Current Challenges and Future Trends		2022
80	IOT-22-0080	A More Accurate and Robust Binary RingLWE Decryption Scheme and Its Hardware Implementation for IoT Devices *		2022
81	IOT-22-0081	Spectrum Sensing and Allocation Strategy for IoT Devices Using ContinuousTime Markov ChainBased Game Theory Model *		2022
82	IOT-22-0082	An Industrial CloudBased IoT System for RealTime Monitoring and Controlling of Wastewater		2022
83	IOT-22-0083	Performance Evaluation of Reinforcement Learning Based Distributed Channel Selection Algorithm in Massive IoT Networks		2022
84	IOT-22-0084	An Improved Hybrid Swarm Intelligence for Scheduling IoT Application Tasks in the Cloud *		2022
85	IOT-22-0085	A Facial and Vocal Expression Based Comprehensive Framework for RealTime Student Stress Monitoring in an IoT FogCloud Environment		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
86	IOT-22-0086	IntelligentReflectingSurfaceAided Mobile Edge Computing With Binary Offloading Energy Minimization for IoT Devices *		2022
87	IOT-22-0087	Node Social Nature Detection OSN Routing Scheme Based on IoT System *		2022
88	IOT-22-0088	QoEDriven IoT Architecture A Comprehensive Review on System and Resource Management		2022
89	IOT-22-0089	State of Art IoT and Edge Embedded Systems for RealTime Machine Vision Applications		2022
90	IOT-22-0090	IoTBased Water Management Systems Survey and Future Research Direction		2022
91	IOT-22-0091	Moving Target Defense for CyberPhysical Systems Using IoTEnabled Data Replication *		2022
92	IOT-22-0092	Physical Identification Based Trust Path Routing Against Sybil Attacks on RPL in IoT Networks *		2022
93	IOT-22-0093	A Mechanism for Load Balancing Routing and Virtualization Based on SDWSN for IoT Applications		2022
94	IOT-22-0094	Toward SoftwareDefined NetworkingBased IoT Frameworks A Systematic Literature Review Taxonomy Open Challenges and Prospects		2022
95	IOT-22-0095	Finite Block Length Analysis of RISAssisted UAVBased Multiuser IoT Communication System With NonLinear EH *		2022
96	IOT-22-0096	Federated Learning Protocols for IoT Edge Computing *		2022
97	IOT-22-0097	Analysis and Design of Short Analog Fountain Codes for the Multiple Access Channel *		2022
98	IOT-22-0098	Novel and Secure Blockchain Framework for Health Applications in IoT		2022
99	IOT-22-0099	Biomedical IoT Enabling Technologies Architectural Elements Challenges and Future Directions		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
100	IOT-22-0100	Efficient Cache Consistency Management for Transient IoT Data in ContentCentric Networking *		2022
101	IOT-22-0101	uTango An OpenSource TEE for IoT Devices		2022
102	IOT-22-0102	Intelligent IoT Wind Emulation System Based on RealTime Data Fetching Approach		2022
103	IOT-22-0103	A Novel DTSCR With Embedded MOS and Island Diodes for ESD Protection of HighSpeed ICs *		2022
104	IOT-22-0104	Joint Optimization on Trajectory Transmission and Time for Effective Data Acquisition in UAVEnabled IoT *		2022
105	IOT-22-0105	MLBased IDPS Enhancement With Complementary Features for Home IoT Networks *		2022
106	IOT-22-0106	Review of Landslide Monitoring Techniques With IoT Integration Opportunities		2022
107	IOT-22-0107	Towards Spoofing Resistant Next Generation IoT Networks *		2022
108	IOT-22-0108	Stochastic GeometryBased Analysis of the Impact of Underlying Uncorrelated IoT Networks on LoRa Coverage		2022
109	IOT-22-0109	Trustworthy IoT Data Streaming Using Blockchain and IPFS		2022
110	IOT-22-0110	Semantically Enhanced IoToriented Seismic Event Detection An Application to Colima and Vesuvius Volcanoes *		2022
111	IOT-22-0111	Enabling User Relaying in MCMNOMA Under Doubly Selective Channels Using Iterative Interference Cancellation Schemes for Wireless IoT Networks *		2022
112	IOT-22-0112	ShortPacket Communications in NOMACDRT IoT Networks With Cochannel Interference and Imperfect SIC *		2022
113	IOT-22-0113	Assessing the Adaptation of Internet of Things IoT Barriers for Smart Cities Waste Management Using Fermatean Fuzzy Combined Compromise Solution Approach		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
114	IOT-22-0114	Balanced Computing Offloading for Selfish IoT Devices in Fog Computing		2022
115	IOT-22-0115	The Cyber Security via Determinism Paradigm for a Quantum Safe Zero Trust Deterministic Internet of Things IoT		2022
116	IOT-22-0116	A Genetic AlgorithmBased Approach for Fluctuating QoS Aware Selection of IoT Services		2022
117	IOT-22-0117	EdgeIoTset A New Comprehensive Realistic Cyber Security Dataset of IoT and IIoT Applications for Centralized and Federated Learning		2022
118	IOT-22-0118	Flexible and Reliable Multiuser SWIPT IoT Network Enhanced by UAVMounted Intelligent Reflecting Surface *		2022
119	IOT-22-0119	EdgeAssisted NDNBased IoT Framework With Provider and Consumer Mobility Support *		2022
120	IOT-22-0120	iSoTEE A Hypervisor Middleware for IoTEnabled ResourceConstrained Reliable Systems		2022
121	IOT-22-0121	A Survey on the Role of IoT in Agriculture for the Implementation of Smart Livestock Environment		2022
122	IOT-22-0122	Wireless Transmissions Propagation and Channel Modelling for IoT Technologies Applications and Challenges		2022
123	IOT-22-0123	Sharing Secrets via Wireless Broadcasting A New Efficient Physical Layer Group Secret Key Generation for Multiple IoT Devices *		2022
124	IOT-22-0124	Improving IoTOverSatellite Connectivity Using Frame Repetition Technique *		2022
125	IOT-22-0125	Novel Multi Security and Privacy Benchmarking Framework for BlockchainBased IoT Healthcare Industry 4.0 Systems *		2022
126	IOT-22-0126	Internet of Things IoT Based Activity Recognition Strategies in Smart Homes A Review *		2022

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## IEEE IoT Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
127	IOT-22-0127	A Multifactor Multilevel and Interaction Based M2I Authentication Framework for Internet of Things IoT Applications		2022
128	IOT-22-0128	A Deep Learning Approach for IoT Traffic MultiClassification in a SmartCity Scenario		2022
129	IOT-22-0129	Chipless RFID Sensors for IoTBased Healthcare Applications A Review of State of the Art *		2022
130	IOT-22-0130	Optimal MultiTier Clustering of Permissioned Blockchain Systems for IoT *		2022
131	IOT-22-0131	Transmit or Backscatter Communication Mode Selection for Narrowband IoT Systems *		2022
132	IOT-22-0132	Using Compressive Sampling to Fill Interbatch Data Gap From LowCost IoT Vibration Sensor *		2022
133	IOT-22-0133	Securing Digital Ledger TechnologiesEnabled IoT Devices Taxonomy Challenges and Solutions		2022
134	IOT-22-0134	Hypnos A Hardware and Software Toolkit for EnergyAware Sensing in LowCost IoT Nodes *		2022
135	IOT-22-0135	CommunicationOriented Model FineTuning for PacketLoss Resilient Distributed Inference Under Highly Lossy IoT Networks		2022
136	IOT-22-0136	HardwareAssisted Machine Learning in ResourceConstrained IoT Environments for Security Review and Future Prospective		2022
137	IOT-22-0137	BULWARK A Framework to Store IoT Data in User Accounts		2022
138	IOT-22-0138	A LargeScale Simulator for NBloT		2022
139	IOT-22-0139	CBACS A PrivacyPreserving and Efficient CacheBased Access Control Scheme for Software Defined Vehicular Networks *		2022
140	IOT-22-0140	Towards SDNEnabled Intelligent Intrusion Detection System for Internet of Things IoT		2022

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## IEEE IoT Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
141	IOT-22-0141	A Distributed SDN Controller for Distributed IoT		2022
142	IOT-22-0142	Thinking Out of the Blocks Holochain for Distributed Security in IoT Healthcare		2022
143	IOT-22-0143	A Hybrid Deep Learning Approach for Bottleneck Detection in IoT		2022
144	IOT-22-0144	Physical Security and Safety of IoT Equipment A Survey of Recent Advances and Opportunities *		2022
145	IOT-22-0145	Collective Intelligence Using 5G Concepts Applications and Challenges in Sociotechnical Environments		2022
146	IOT-22-0146	Design Implementation of High Dynamic Range Current Measurement System for IoT Applications *		2022
147	IOT-22-0147	A Blockchain Footprint for Authentication of IoT Enabled Smart Devices in Smart Cities State of the Art Advancements Challenges and Future Research Directions		2022
148	IOT-22-0148	A Time Efficient Self Test Method for Evaluating Thermal Parameters of Uncooled Infrared Detectors *		2022
149	IOT-22-0149	Dual Purpose Planar Radial Array of Rectenna Sensors for Orientation Estimation and RF Energy Harvesting at IoT Nodes *		2022
150	IOT-22-0150	A Lightweight Mutual Authentication Protocol for IoT *		2022
151	IOT-22-0151	A Large Dynamic Range Reconfigurable Interpolation Digital Transmitter for NB-IoT Applications *		2022
152	IOT-22-0152	Uplink Transmission Policies for LoRa Based Direct to Satellite IoT		2022
153	IOT-22-0153	An Energy Efficient Data Aggregation Mechanism for IoT Secured by Blockchain		2022
154	IOT-22-0154	The Anatomy of IoT Platforms A Systematic Multivocal Mapping Study		2022
155	IOT-22-0155	An Automated Approach for Privacy Leakage Identification in IoT Apps		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
156	IOT-22-0156	MultiUAV Assisted IoT NOMA Uplink Communication System for Disaster Scenario		2022
157	IOT-22-0157	MetaloT Simultaneous Sensing and Transmission by MetaMaterial SensorBased Internet of Things *		2022
158	IOT-22-0158	Voice Activated IoT Devices for Healthcare Design Challenges and Emerging Applications *		2022
159	IOT-22-0159	Secure IoT AssistantBased System for Alzheimers Disease		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
1	MAL-22-0001	MPRRL MultiPrior Regularized Reinforcement Learning for Knowledge Transfer		2022
2	MAL-22-0002	A SemiSupervised Modulation Identification in MIMO Systems A Deep Learning Strategy		2022
3	MAL-22-0003	Responsible and Regulatory Conform Machine Learning for Medicine A Survey of Challenges and Solutions		2022
4	MAL-22-0004	Kernel Parameter Optimization for Support Vector Machine Based on Sliding Mode Control		2022
5	MAL-22-0005	A Framework of MahalanobisDistance Metric With Supervised Learning for Clustering Multipath Components in MIMO Channel Analysis *		2022
6	MAL-22-0006	Isotope Identification Using Artificial Neural Network Ensembles and BinRatios *		2022
7	MAL-22-0007	Artificial Neural Networks and Computer VisionsBased Phytoindication Systems for Variable Rate Irrigation Improving		2022
8	MAL-22-0008	RLBEEP ReinforcementLearningBased Energy Efficient Control and Routing Protocol for Wireless Sensor Networks		2022
9	MAL-22-0009	Machine Learning and Prediction of Masked Motors With Different Materials Based on Noise Analysis		2022
10	MAL-22-0010	Turbidity classification of the Paraopeba River using machine learning and Sentinel2 images *		2022
11	MAL-22-0011	RRAM Compact Modeling Using Physics and Machine Learning Hybridization *		2022
12	MAL-22-0012	Structure Guided Deep Neural Network for Unsupervised Active Learning *		2022
13	MAL-22-0013	Fatigue State Detection for Tired Persons in Presence of Driving Periods		2022
14	MAL-22-0014	Machine LearningBased Urban Canyon Path Loss Prediction Using 28 GHz Manhattan Measurements *		2022
15	MAL-22-0015	Measurements of Anthocyanin Content of Prunus Leaves Using Proximal Sensing Spectroscopy and Statistical Machine Learning *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
16	MAL-22-0016	Applying Efficient Selection Techniques of Unlabeled Instances for WrapperBased SemiSupervised Methods		2022
17	MAL-22-0017	Prediction of Binder Content in Glass Fiber Reinforced Asphalt Mix Using Machine Learning Techniques		2022
18	MAL-22-0018	Comparative Analysis of Machine Learning Models for Performance Prediction of the SPEC Benchmarks		2022
19	MAL-22-0019	Stochastic Learning Rate With Memory Optimization in the Stochastic Approximation and Online Learning Settings *		2022
20	MAL-22-0020	Learning Robotic Manipulation of Natural Materials With Variable Properties for Construction Tasks *		2022
21	MAL-22-0021	A LowCost QLearningBased Approach to Handle Continuous Space Problems for Decentralized MultiAgent Robot Navigation in Cluttered Environments		2022
22	MAL-22-0022	From Key Positions to Optimal Basis Functions for Probabilistic Adaptive Control *		2022
23	MAL-22-0023	Integrating Machine Learning Algorithms With Quantum Annealing Solvers for Online Fraud Detection		2022
24	MAL-22-0024	A Hybrid MachineLearning Ensemble for Anomaly Detection in RealTime Industry 40 Systems		2022
25	MAL-22-0025	Credit Card Fraud Detection Using StateoftheArt Machine Learning and Deep Learning Algorithms		2022
26	MAL-22-0026	Systematic Review of Machine Learning Approaches for Detecting Developmental Stuttering *		2022
27	MAL-22-0027	Principled Machine Learning *		2022
28	MAL-22-0028	Filtered Probabilistic Model Predictive ControlBased Reinforcement Learning for Unmanned Surface Vehicles *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
29	MAL-22-0029	A BeamSplitting Bianisotropic Metasurface Designed by Optimization and Machine Learning		2022
30	MAL-22-0030	Bearing Fault Diagnosis Under Small Data Set Condition A Bayesian Network Method With Transfer Learning for Parameter Estimation		2022
31	MAL-22-0031	OnShelf Load Cell Calibration for Positioning and Weighing Assisted by Activity Detection Smart Store Scenario *		2022
32	MAL-22-0032	An Efficient Machine Learning Enabled NonDestructive Technique for Remote Monitoring of Sugarcane Crop Health		2022
33	MAL-22-0033	Imitation Learning for Nonprehensile Manipulation Through SelfSupervised Learning Considering Motion Speed		2022
34	MAL-22-0034	Deep MetaLearning EnergyAware Path Planner for Unmanned Ground Vehicles in Unknown Terrains		2022
35	MAL-22-0035	ClusterGuided Asymmetric Contrastive Learning for Unsupervised Person Reidentification *		2022
36	MAL-22-0036	Machine Learning Based Identification and Classification of FieldOperation Caused Solar Panel Failures Observed in Electroluminescence Images *		2022
37	MAL-22-0037	Learning CalibratedGuidance for Object Detection in Aerial Images		2022
38	MAL-22-0038	Transient Electromagnetic Machine Learning Inversion Based on Pseudo Wave Field Data *		2022
39	MAL-22-0039	A MachineLearning Approach for the Exemplar Extraction of mmWave Industrial Wireless Channels		2022
40	MAL-22-0040	Multiobjective Harris Hawks Optimization With Associative Learning and Chaotic Local Search for Feature Selection		2022
41	MAL-22-0041	A DomainAdapted Machine Learning Approach for Visual Evaluation and Interpretation of RobotAssisted Surgery Skills *		2022
42	MAL-22-0042	Detection and Characterization of DDoS Attacks Using TimeBased Features		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
43	MAL-22-0043	Machine Learning Approach to Data Processing of TFBG Assisted SPR Sensors *		2022
44	MAL-22-0044	Hybrid Accumulator Factored Systolic Array for Machine Learning Acceleration *		2022
45	MAL-22-0045	Joint Optimization Via Deep Reinforcement Learning in Wireless Networked Controlled Systems		2022
46	MAL-22-0046	Machine Learning Based Load Balancing Algorithms in Future Heterogeneous Networks A Survey		2022
47	MAL-22-0047	Progressive Transfer Learning *		2022
48	MAL-22-0048	Sliding Mode Control for Hypersonic Vehicle Based on Extreme Learning Machine Neural Network Disturbance Observer		2022
49	MAL-22-0049	Fetal Movement Detection by Wearable Accelerometer Duo Based on Machine Learning *		2022
50	MAL-22-0050	Machine Learning Approaches for Reconfigurable Intelligent Surfaces A Survey		2022
51	MAL-22-0051	Quantum Machine Learning Applications in the Biomedical Domain A Systematic Review		2022
52	MAL-22-0052	Predicting Hydration Status Using Machine Learning Models From Physiological and Sweat Biomarkers During Endurance Exercise A Single Case Study *		2022
53	MAL-22-0053	A Novel Time Aware Food Recommender System Based on Deep Learning and Graph Clustering		2022
54	MAL-22-0054	Learning Future Reference Patterns for Efficient Cache Replacement Decisions		2022
55	MAL-22-0055	Causal Artificial Intelligence for High Stakes Decisions The Design and Development of a Causal Machine Learning Model		2022
56	MAL-22-0056	Dynamic Role Based Access Control Policy for Smart Grid Applications An Offline Deep Reinforcement Learning Approach *		2022
57	MAL-22-0057	A Machine Learning Approach for Optimization of Channel Geometry and Source Drain Doping Profile of Stacked Nanosheet Transistors *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
58	MAL-22-0058	Enhancing Gait Assistance Control Robustness of a Hip Exosuit by Means of Machine Learning *		2022
59	MAL-22-0059	Modeling and Control of Priority Queueing in Software Defined Networks via Machine Learning		2022
60	MAL-22-0060	Deep Volumetric Descriptor Learning for Dense Correspondence of ConeBeam Computed Tomography via Spectral Maps *		2022
61	MAL-22-0061	Quality Prediction of Continuous Casting Slabs Based on Weighted Extreme Learning Machine		2022
62	MAL-22-0062	A Performance Comparison of Machine Learning Algorithms for Load Forecasting in Smart Grid		2022
63	MAL-22-0063	Bayesian Quantum Neural Networks		2022
64	MAL-22-0064	Machine Learning Assisted HighSensitivity and LargeDynamicRange Curvature Sensor Based on NoCore Fiber and HollowCore Fiber *		2022
65	MAL-22-0065	Machine LearningBased ProcessLevel Fault Detection and PartLevel Fault Classification in Semiconductor Etch Equipment *		2022
66	MAL-22-0066	Toward Autonomous Physical Security Defenses Using Machine Learning		2022
67	MAL-22-0067	Analysis on Benefits and Costs of Machine LearningBased Early Hospitalization Prediction		2022
68	MAL-22-0068	CommunicationEfficient kkMeans for EdgeBased Machine Learning *		2022
69	MAL-22-0069	SigRep Toward Robust Wearable Emotion Recognition With Contrastive Representation Learning		2022
70	MAL-22-0070	A Survey on Reinforcement LearningAided Caching in Heterogeneous Mobile Edge Networks		2022
71	MAL-22-0071	Comparing Learning Methodologies for SelfSupervised AudioVisual Representation Learning		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
72	MAL-22-0072	SingleHead Lifelong Learning Based on Distilling Knowledge		2022
73	MAL-22-0073	A Hybrid Method for FineScale Wind Field Retrieval Based on Machine Learning and Data Assimilation *		2022
74	MAL-22-0074	Federated Deep Learning for the Diagnosis of Cerebellar Ataxia Privacy Preservation and AutoCrafted Feature Extractor		2022
75	MAL-22-0075	Robust Brain Age Estimation Based on sMRI via Nonlinear AgeAdaptive Ensemble Learning		2022
76	MAL-22-0076	A Deep Learning Approach for the Detection of Neovascularization in Fundus Images Using Transfer Learning		2022
77	MAL-22-0077	How Much a Model be Trained by Passive Learning Before Active Learning		2022
78	MAL-22-0078	A SemiSupervised Progressive Learning Algorithm for BrainComputer Interface		2022
79	MAL-22-0079	ADHERENT Learning Humanlike Trajectory Generators for Wholebody Control of Humanoid Robots		2022
80	MAL-22-0080	Designing Monte Carlo Simulation and an Optimal Machine Learning to Optimize and Model Space Missions		2022
81	MAL-22-0081	Compressed Machine LearningBased Inverse Model for Design Optimization of Microwave Components *		2022
82	MAL-22-0082	WiFi Meets ML A Survey on Improving IEEE 80211 Performance With Machine Learning		2022
83	MAL-22-0083	Wearable Inertial SensorBased Limb Lameness Detection and Pose Estimation for Horses *		2022
84	MAL-22-0084	A Lifelong Learning Method for Gearbox Diagnosis With Incremental Fault Types *		2022
85	MAL-22-0085	The Effect of Fake Reviews on eCommerce During and After Covid19 Pandemic SKLBased Fake Reviews Detection		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
86	MAL-22-0086	Machine LearningBased Continuous Intracranial Pressure Prediction for Traumatic Injury Patients		2022
87	MAL-22-0087	Machine Learning and Signal Processing Based Analysis of sEMG Signals for Daily Action Classification		2022
88	MAL-22-0088	ICS Total Freedom in Manual Text Classification Supported by Unobtrusive Machine Learning		2022
89	MAL-22-0089	SafeAPT Safe SimulationtoReal Robot Learning Using Diverse Policies Learned in Simulation		2022
90	MAL-22-0090	Divergent and Convergent Imaging Markers Between Bipolar and Unipolar Depression Based on Machine Learning *		2022
91	MAL-22-0091	Bangla Natural Language Processing A Comprehensive Analysis of Classical Machine Learning and Deep LearningBased Methods		2022
92	MAL-22-0092	Anomaly Detection in SelfOrganizing Networks Conventional Versus Contemporary Machine Learning		2022
93	MAL-22-0093	Fast Quench Detection in SFCL Pancake Using Optical Fibre Sensing and Machine Learning		2022
94	MAL-22-0094	Identification and Classification of Mechanical Damage During Continuous Harvesting of Root Crops Using Computer Vision Methods		2022
95	MAL-22-0095	An EfficientNetBased Weighted Ensemble Model for Industrial Machine Malfunction Detection Using Acoustic Signals		2022
96	MAL-22-0096	A Machine Learning AttackResilient Strong PUF Leveraging the Process Variation of MRAM *		2022
97	MAL-22-0097	A Parallelized SelfDriving Vehicle Controller Using Unsupervised Machine Learning *		2022
98	MAL-22-0098	Machine Learning Assisted Characteristics Prediction for Wireless Power Transfer Systems		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
99	MAL-22-0099	StateDependent Parameter Tuning of the Apparent Tardiness Cost Dispatching Rule Using Deep Reinforcement Learning		2022
100	MAL-22-0100	Precision Clinical Medicine Through Machine Learning Using High and Low Quantile Ranges of Vital Signs for Risk Stratification of ICU Patients		2022
101	MAL-22-0101	Metric Learning for Robust Gait Phase Recognition for a Lower Limb Exoskeleton Robot Based on sEMG *		2022
102	MAL-22-0102	WiCaL WiFi Sensing and Machine Learning Based DeviceFree Crowd Counting and Localization		2022
103	MAL-22-0103	Deep Reinforcement Learning With Adversarial Training for Automated Excavation Using Depth Images		2022
104	MAL-22-0104	An OffAxis Flight Vision Display System Design Using Machine Learning		2022
105	MAL-22-0105	Machine LearningDriven APPs Recommendation for Energy Optimization in Green Communication and Networking for Connected and Autonomous Vehicles *		2022
106	MAL-22-0106	Boosting Climate Analysis With Semantically Uplifted Knowledge Graphs		2022
107	MAL-22-0107	A Systematic Review of Literature on Automated Sleep Scoring		2022
108	MAL-22-0108	Evaluation of FOREX trading Strategies based in Random Forest and Support Vector Machines *		2022
109	MAL-22-0109	Symmetry Enhanced Network Architecture Search for Complex Metasurface Design		2022
110	MAL-22-0110	MetaAge MetaLearning Personalized Age Estimators *		2022
111	MAL-22-0111	RealTime Leakage Current Classification of 15kV and 25kV Distribution Insulators Based on Bidirectional Long ShortTerm Memory Networks With Deep Learning Machine		2022
112	MAL-22-0112	Shear Force Classification Before Wire Bonding Based on Probe Mark 2D Images Using Machine Learning Methods *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
113	MAL-22-0113	Incremental Learning With OpenSet Recognition for Remote Sensing Image Scene Classification *		2022
114	MAL-22-0114	Generic Symbolic Music Labeling Pipeline		2022
115	MAL-22-0115	Machine Learning to Predict Quasi TE Mode Resonances in DoubleStacked Dielectric Cavities *		2022
116	MAL-22-0116	Multidimensional Feature Optimization Based Eye Blink Detection Under Epileptiform Discharges		2022
117	MAL-22-0117	Inquest of Current Situation in Afghanistan Under Taliban Rule Using Sentiment Analysis and Volume Analysis		2022
118	MAL-22-0118	SalineSodic Soil EC Retrieval Based on BoxCox Transformation and Machine Learning		2022
119	MAL-22-0119	Detection of Oculomotor Dysmetria From Mobile Phone Video of the Horizontal Saccades Task Using Signal Processing and Machine Learning Approaches		2022
120	MAL-22-0120	Motor Imagery Classification Using InterTask Transfer Learning via a ChannelWise Variational AutoencoderBased Convolutional Neural Network		2022
121	MAL-22-0121	Machine LearningBased Estimation of Output Current Ripple in PFCIBC Used in Battery Charger of Electrical Vehicles A Comparison of LR RF and ANN Techniques		2022
122	MAL-22-0122	An Automatic Detection of Breast Cancer Diagnosis and Prognosis Based on Machine Learning Using Ensemble of Classifiers		2022
123	MAL-22-0123	Visual Relationship Detection A Survey *		2022
124	MAL-22-0124	PrivacyPreserving Machine Learning With Fully Homomorphic Encryption for Deep Neural Network		2022
125	MAL-22-0125	Enhancement of SSVEPs Classification in BCIBased Wearable Instrumentation Through Machine Learning Techniques *		2022
126	MAL-22-0126	Fair Contrastive Learning on Graphs *		2022

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127	MAL-22-0127	Research on the Recognition of Machining Conditions Based on Sound and Vibration Signals of a CNC Milling Machine *		2022
128	MAL-22-0128	Development of an Interpretable Maritime Accident Prediction System Using Machine Learning Techniques		2022
129	MAL-22-0129	TripleSigmoid Activation Function for Deep OpenSet Recognition		2022
130	MAL-22-0130	StateoftheArt Versus Deep Learning A Comparative Study of Motor Imagery Decoding Techniques		2022
131	MAL-22-0131	GradualNJustification GNJ to Reduce FalsePositive Hardware Trojan Detection in GateLevel Netlist *		2022
132	MAL-22-0132	Epidemic Exposure Tracking With Wearables A Machine Learning Approach to Contact Tracing		2022
133	MAL-22-0133	Interpretable Machine Learning for Characterization of Focal Liver Lesions by ContrastEnhanced Ultrasound		2022
134	MAL-22-0134	Machine LearningBased Digital Twin for Predictive Modeling in Wind Turbines		2022
135	MAL-22-0135	LightDuty Vehicle Trip Classification Using OneClass Novelty Detection and Exhaustive Feature Extraction *		2022
136	MAL-22-0136	Deep Learning Techniques for Diabetic Retinopathy Classification A Survey		2022
137	MAL-22-0137	Antimicrobial Resistance and Machine Learning Challenges and Opportunities		2022
138	MAL-22-0138	Stacking Ensemble Learning for NonLineofSight Detection of Global Navigation Satellite System		2022
139	MAL-22-0139	Optimization of Power Efficient Spatial Division Multiplexed Submarine Cables Using Adaptive Transponders and Machine Learning *		2022
140	MAL-22-0140	AllAround Real Label Supervision Cyclic Prototype Consistency Learning for SemiSupervised Medical Image Segmentation *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
141	MAL-22-0141	A Survey of DomainSpecific Architectures for Reinforcement Learning		2022
142	MAL-22-0142	Multisource Heterogeneous Transfer Learning via Feature Augmentation for Ship Classification in SAR Imagery *		2022
143	MAL-22-0143	TestDNAE Wafer Defect Signature for Pattern Recognition by Ensemble Learning *		2022
144	MAL-22-0144	Machine Learning With Variational AutoEncoder for Imbalanced Datasets in Intrusion Detection		2022
145	MAL-22-0145	Pick Quality Over Quantity Expert Feature Selection and Data Preprocessing for 80211 Intrusion Detection Systems		2022
146	MAL-22-0146	Malware Detection A Framework for Reverse Engineered Android Applications Through Machine Learning Algorithms		2022
147	MAL-22-0147	MachineLearningBased Lightpath QoT Estimation and Forecasting *		2022
148	MAL-22-0148	An Interactive and Adaptive Learning Cyber Physical Human System for Manufacturing With a Case Study in Worker Machine Interactions *		2022
149	MAL-22-0149	A MachineLearningBased Fault Diagnosis Method With Adaptive Secondary Sampling for Multiphase Drive Systems *		2022
150	MAL-22-0150	Fusing SellSide Analyst Bidirectional Forecasts Using Machine Learning		2022
151	MAL-22-0151	FewShot Calibration of LowCost Air Pollution PM25 Sensors Using Meta Learning *		2022
152	MAL-22-0152	A Sea Clutter Suppression Method Based on Machine Learning Approach for Marine Surveillance Radar		2022
153	MAL-22-0153	Anomalies Prediction in Radon Time Series for Earthquake Likelihood Using Machine LearningBased Ensemble Model		2022
154	MAL-22-0154	Ensembling of Efficient Deep Convolutional Networks and Machine Learning Algorithms for Resource Effective Detection of Tuberculosis Using Thoracic Chest Radiography		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
155	MAL-22-0155	Synchronous Machines Field Winding TurntoTurn Fault Severity Estimation Through Machine Learning Regression Algorithms *		2022
156	MAL-22-0156	Machine LearningBased Surgical State Perception and Collaborative Control for a Vascular Interventional Robot *		2022
157	MAL-22-0157	Deep Learning Enables Exoboot Control to Augment VariableSpeed Walking *		2022
158	MAL-22-0158	Machine Learning Approach for Classifying College Scholastic Ability Test Levels With Unsupervised Features From Prefrontal Functional NearInfrared Spectroscopy Signals		2022
159	MAL-22-0159	Explaining Intelligent Agents Future Motion on Basis of Vocabulary Learning With Human Goal Inference		2022
160	MAL-22-0160	SmartphoneBased Digital Biomarkers for Parkinsons Disease in a RemotelyAdministered Setting		2022
161	MAL-22-0161	CNN Attention Guidance for Improved Orthopedics Radiographic Fracture Classification *		2022
162	MAL-22-0162	Machine LearningBased Estimation of PM25 Concentration Using Ground Surface DoFP Polarimeters		2022
163	MAL-22-0163	Fast Convolutional Sparse Dictionary Learning Based on LocOMP and Its Application to Bearing Fault Detection *		2022
164	MAL-22-0164	A Survey on Machine Learning SoftwareDefined Wireless Sensor Networks MLSDWSNs Current Status and Major Challenges		2022
165	MAL-22-0165	Machine Learning and Image Processing Methods for Cetacean Photo Identification A Systematic Review		2022
166	MAL-22-0166	SoCBased Early Failure Detection System Using Deep Learning for Tool Wear		2022
167	MAL-22-0167	Ecological Validation of Machine Learning Models for Spatiotemporal Gait Analysis in FreeLiving Environments Using Instrumented Insoles *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
168	MAL-22-0168	RealTime Pedestrian Conflict Prediction Model at the Signal Cycle Level Using Machine Learning Models		2022
169	MAL-22-0169	Frailty Identification Using Heart Rate Dynamics A Deep Learning Approach *		2022
170	MAL-22-0170	Prospect of Using Machine LearningBased Microwave Nondestructive Testing Technique for Corrosion Under Insulation A Review		2022
171	MAL-22-0171	Prior KnowledgeAugmented SelfSupervised Feature Learning for FewShot Intelligent Fault Diagnosis of Machines *		2022
172	MAL-22-0172	Using Machine Learning to Identify Organ System Specific Limitations to Exercise via Cardiopulmonary Exercise Testing *		2022
173	MAL-22-0173	SemiSupervised Learning for Automatic Atrial Fibrillation Detection in 24Hour Holter Monitoring *		2022
174	MAL-22-0174	Zonal Machine LearningBased Protection for Distribution Systems		2022
175	MAL-22-0175	Survey of Machine Learning Methods Applied to Urban Mobility		2022
176	MAL-22-0176	Toward Robust Adaptiveand Reliable UpperLimb Motion Estimation Using Machine Learning and Deep LearningA Survey in Myoelectric Control *		2022
177	MAL-22-0177	Mimicking Infants Bilingual Language Acquisition for Domain Specialized Neural Machine Translation		2022
178	MAL-22-0178	Fast and Accurate Machine Learning Compact Models for Interconnect Parasitic Capacitances Considering Systematic Process Variations		2022
179	MAL-22-0179	Pearson Correlation CoefficientBased Performance Enhancement of Broad Learning System for Stock Price Prediction *		2022
180	MAL-22-0180	UtilityEmbraced Microaggregation for Machine Learning Applications		2022
181	MAL-22-0181	Determination of Flowing Grain Moisture Contents by Machine Learning Algorithms Using Free Space Measurement Data *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
182	MAL-22-0182	MultiStage Hybrid Federated Learning Over LargeScale D2DEnabled Fog Networks *		2022
183	MAL-22-0183	MA3C A MeanAsynchronous Advantage ActorCritic Reinforcement Learning Method for RealTime Gait Planning of Biped Robot		2022
184	MAL-22-0184	Machine Learning Models for Traffic Classification in Electromagnetic NanoNetworks		2022
185	MAL-22-0185	ContextDriven Satire Detection With Deep Learning		2022
186	MAL-22-0186	CGBNet A Deep Learning Framework for Compost Classification		2022
187	MAL-22-0187	Advance Genome Disorder Prediction Model Empowered With Deep Learning		2022
188	MAL-22-0188	Control Map Generation Strategy for Hybrid Electric Vehicles Based on Machine Learning With Energy Optimization		2022
189	MAL-22-0189	Machine LearningBased DRX Mechanism in NRUnlicensed *		2022
190	MAL-22-0190	Improving Machine Learning Attack Resiliency via Conductance Balancing in Memristive Strong PUFs *		2022
191	MAL-22-0191	Partial Transfer Learning of Multidiscriminator Deep Weighted Adversarial Network in CrossMachine Fault Diagnosis *		2022
192	MAL-22-0192	Impedance Inversion Based on Domain Adaptation Technique With Reconstruction *		2022
193	MAL-22-0193	A Machine LearningBased Framework for Predictive Maintenance of Semiconductor Laser for Optical Communication *		2022
194	MAL-22-0194	Reservoir Computing Meets Extreme Learning Machine in RealTime MIMOOFDM Receive Processing *		2022
195	MAL-22-0195	PUSackNGly PositiveUnlabeled and Stacking Learning for NLinked Glycosylation Site Prediction		2022

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196	MAL-22-0196	Intrusion Detection System After Data Augmentation Schemes Based on the VAE and CVAE *		2022
197	MAL-22-0197	Machine Learning Approaches and Applications in Genome Wide Association Study for Alzheimers Disease A Systematic Review		2022
198	MAL-22-0198	NoiseImmune Extreme Ensemble Learning for Early Diagnosis of Neuropsychiatric Systemic Lupus Erythematosus *		2022
199	MAL-22-0199	Differential Privacy Preservation in Robust Continual Learning		2022
200	MAL-22-0200	Adaptive Step Size Learning With Applications to Velocity Aided Inertial Navigation System		2022
201	MAL-22-0201	A Nondestructive Alternative for Kerogen Type Determination in Potential Hydrocarbon Source Rocks Using Hyperspectral Data and Machine Learning		2022
202	MAL-22-0202	Machine LearningBased Matching Medium Design for Implant Communications *		2022
203	MAL-22-0203	Remote Sensing and Machine Learning Modeling to Support the Identification of Sugarcane Crops		2022
204	MAL-22-0204	An Improved Extreme Learning Machine for Imbalanced Data Classification		2022
205	MAL-22-0205	Support Vector Machine Based Prediction of WorkLife Balance Among Women in Information Technology Organizations *		2022
206	MAL-22-0206	Can Wearable Devices and Machine Learning Techniques Be Used for Recognizing and Segmenting Modified Physical Performance Test Items		2022
207	MAL-22-0207	Random Fourier FeatureBased Deep Learning for Wireless Communications *		2022
208	MAL-22-0208	Improvement of MiRS Sea Surface Temperature Retrievals Using a Machine Learning Approach		2022
209	MAL-22-0209	Efficient Medical Diagnosis of Human Heart Diseases Using Machine Learning Techniques With and Without GridSearchCV		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
210	MAL-22-0210	Residential Electricity Rate Plans and Their Selections Based on Statistical Learning		2022
211	MAL-22-0211	Practical QLearningBased RouteGuidance and Vehicle Assignment for OHT Systems in Semiconductor Fabs *		2022
212	MAL-22-0212	SSNO SpatioSpectral Neural Operator for Functional Space Learning of Partial Differential Equations		2022
213	MAL-22-0213	PermPress Machine LearningBased Pipeline to Evaluate Permissions in App Privacy Policies		2022
214	MAL-22-0214	Surface Electromyography as a Natural HumanMachine Interface A Review *		2022
215	MAL-22-0215	On the Use of COSMOSkyMed XBand SAR for Estimating Snow Water Equivalent in Alpine Areas A Retrieval Approach Based on Machine Learning and Snow Models *		2022
216	MAL-22-0216	RetroRL Reinforcing Nominal Controller With Deep Reinforcement Learning for TiltingRotor Drones *		2022
217	MAL-22-0217	Towards Efficient Reflectarray Digital Twins An EMDriven Machine Learning Perspective *		2022
218	MAL-22-0218	Learned Query Optimizers Evaluation and Improvement		2022
219	MAL-22-0219	MetaTransfer Learning Using Wavelet Decomposition for MultiHorizon Time Series Forecasting		2022
220	MAL-22-0220	Decentralized Federated Learning for Healthcare Networks A Case Study on Tumor Segmentation		2022
221	MAL-22-0221	Quantum Embedding Search for Quantum Machine Learning		2022
222	MAL-22-0222	A Survey of Machine Learning Approaches Applied to Gene Expression Analysis for Cancer Prediction		2022
223	MAL-22-0223	SelfSupervised Learning for Efficient Antialiasing Seismic Data Interpolation *		2022

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224	MAL-22-0224	Personalized OnDevice EHealth Analytics With Decentralized Block Coordinate Descent *		2022
225	MAL-22-0225	Optimizing Learned Bloom Filters How Much Should Be Learned *		2022
226	MAL-22-0226	Hyperspectral Anomaly Detection Based on Machine Learning An Overview		2022
227	MAL-22-0227	Classification of Improvised Explosive Devices Using Multilevel Projective Dictionary Learning With LowRank Prior *		2022
228	MAL-22-0228	Machine Learning Methods for Forest Image Analysis and Classification A Survey of the State of the Art		2022
229	MAL-22-0229	MachineLearning Based Monitoring of Cognitive Workload in Rescue Missions With Drones		2022
230	MAL-22-0230	Sleep Apnea Detection From SingleLead ECG A Comprehensive Analysis of Machine Learning and Deep Learning Algorithms *		2022
231	MAL-22-0231	Machine Learning in EventTriggered Control Recent Advances and Open Issues		2022
232	MAL-22-0232	Surgical Procedure Understanding Evaluation and Interpretation A Dictionary Factorization Approach *		2022
233	MAL-22-0233	Interference Quality Assessment of Speech Communication Based on Deep Learning *		2022
234	MAL-22-0234	A MachineLearningBased Labelling Diversity Model for Predictive Analysis Using 16QAM as a Case Study		2022
235	MAL-22-0235	Dynamic Sepsis Prediction for Intensive Care Unit Patients Using XGBoostBased Model With Novel TimeDependent Features *		2022
236	MAL-22-0236	A SLR on Customer Dropout Prediction		2022
237	MAL-22-0237	Cutting Force Embedded Manifold Learning for Condition Monitoring of Vertical Machining Center *		2022

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238	MAL-22-0238	Online Students Learning Behaviors and Academic Success An Analysis of LMS Log Data From Flipped Classrooms via Regularization		2022
239	MAL-22-0239	eXplainable and Reliable Against Adversarial Machine Learning in Data Analytics		2022
240	MAL-22-0240	Prediction of IPM Machine Torque Characteristics Using Deep Learning Based on Magnetic Field Distribution		2022
241	MAL-22-0241	Machine LearningBased Analysis of Cryptocurrency Market Financial Risk Management		2022
242	MAL-22-0242	LinRegDroid Detection of Android Malware Using Multiple Linear Regression ModelsBased Classifiers		2022
243	MAL-22-0243	Machine Learning in Precision Agriculture A Survey on Trends Applications and Evaluations Over Two Decades		2022
244	MAL-22-0244	Machine Learning Approaches to SingleCell Data Integration and Translation *		2022
245	MAL-22-0245	Multiobjective Deep Reinforcement Learning for Recommendation Systems		2022
246	MAL-22-0246	Estimation of Filtration Properties of Host Rocks in SandstoneType Uranium Deposits Using Machine Learning Methods		2022
247	MAL-22-0247	The Robustness of Counterfactual Explanations Over Time		2022
248	MAL-22-0248	Decentralized Federated Learning Balancing Communication and Computing Costs *		2022
249	MAL-22-0249	dropCyclic Snapshot Ensemble Convolutional Neural Network Based on a New Learning Rate Schedule for Land Use Classification		2022
250	MAL-22-0250	LearningEnhanced Adaptive Robust GNSS Navigation in Challenging Environments *		2022
251	MAL-22-0251	EndEffector Position Estimation and Control of a Flexible Interconnected Industrial Manipulator Using Machine Learning		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
252	MAL-22-0252	Machine Learning Implementation for Unambiguous Refractive Index Measurement Using a SelfReferenced Fiber Refractometer *		2022
253	MAL-22-0253	Suboptimal Explainable Scheme for Machining Outcome Estimation *		2022
254	MAL-22-0254	Progressively Balanced Supervised Contrastive Representation Learning for LongTailed Fault Diagnosis *		2022
255	MAL-22-0255	Pneumonia Detection Proposing a Hybrid Deep Convolutional Neural Network Based on Two Parallel Visual Geometry Group Architectures and Machine Learning Classifiers		2022
256	MAL-22-0256	Improving Indoor Localization Using Mobile UWB Sensor and Deep Neural Networks		2022
257	MAL-22-0257	Deep Multiple Instance Learning for Automatic Breast Cancer Assessment Using Digital Mammography *		2022
258	MAL-22-0258	PhysicsBased Simulation and Machine Learning for the Practical Implementation of EITBased Tactile Sensors *		2022
259	MAL-22-0259	Rapid DesignSpace Exploration for LowPower Manycores Under Process Variation Utilizing Machine Learning		2022
260	MAL-22-0260	On the Effectiveness of PreTrained Language Models for Legal Natural Language Processing An Empirical Study		2022
261	MAL-22-0261	Nonlinear Schrdinger Kernel for Hardware Acceleration of Machine Learning *		2022
262	MAL-22-0262	A Study on Halftoning Improvement for LowResolution Digital Print Engines With Machine Learning Methods		2022
263	MAL-22-0263	Machine Learning Enabled Leukocyte Quantification Using Smartphone Coupled 3D Printed Microfluidic Biosensor		2022
264	MAL-22-0264	Plant Disease Identification Using a Novel Convolutional Neural Network		2022
265	MAL-22-0265	An Effective Machine Learning Approach for Classifying ArtefactFree and Distorted Capnogram Segments Using Simple TimeDomain Features		2022

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266	MAL-22-0266	SASDL and RBATQ Sparse Autoencoder With Swarm Based Deep Learning and Reinforcement Based QLearning for EEG Classification		2022
267	MAL-22-0267	A Systematic Literature Review on Machine Learning Algorithms for Human Status Detection		2022
268	MAL-22-0268	HighGeneralizability Reinforcement Learning Based Capacity Optimization in WDM LongHaul Networks *		2022
269	MAL-22-0269	Machine Learning to Improve Situational Awareness in Beyond Visual Range Air Combat *		2022
270	MAL-22-0270	Jamming Detection and Classification in OFDMMBased UAVs via Feature and SpectrogramTailored Machine Learning		2022
271	MAL-22-0271	BiasEliminated Semantic Refinement for AnyShot Learning *		2022
272	MAL-22-0272	Benchmarking Transfer Learning Strategies in TimeSeries Imaging Recommendations for Analyzing Raw Sensor Data		2022
273	MAL-22-0273	An Online Transfer Learning Framework With Extreme Learning Machine for Automated Credit Scoring		2022
274	MAL-22-0274	WaterNet A Network for Monitoring and Assessing Water Quality for Drinking and Irrigation Purposes		2022
275	MAL-22-0275	Ensembled Transfer Learning and Multiple Kernel Learning for Phonocardiogram Based Atherosclerotic Coronary Artery Disease Detection *		2022
276	MAL-22-0276	DynamicsAware Metric Embedding Metric Learning in a Latent Space for Visual Planning *		2022
277	MAL-22-0277	Predicting the Entrepreneurial Success of Crowdfunding Campaigns Using ModelBased Machine Learning Methods		2022
278	MAL-22-0278	A Novel Machine Learning Model for Identifying PatientSpecific Cancer Driver Genes		2022

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279	MAL-22-0279	MachineLearningDriven Digital Twin for Lifecycle Management of Complex Equipment *		2022
280	MAL-22-0280	Unsupervised Reinforcement Learning for Transferable Manipulation Skill Discovery *		2022
281	MAL-22-0281	MultiModal Graph Learning for Disease Prediction *		2022
282	MAL-22-0282	A Feature Selection Approach Hybrid Grey Wolf and HeapBased Optimizer Applied in Bearing Fault Diagnosis		2022
283	MAL-22-0283	An Overview of Deeply Optimized Convolutional Neural Networks and Research in Surface Defect Classification of Workpieces		2022
284	MAL-22-0284	Machine Learning Methods in Smart Lighting Toward Achieving User Comfort A Survey		2022
285	MAL-22-0285	LowerLimb Joint Torque Prediction Using LSTM Neural Networks and Transfer Learning		2022
286	MAL-22-0286	Correct Me If I am Wrong Interactive Learning for Robotic Manipulation *		2022
287	MAL-22-0287	SGL Symbolic Goal Learning in a Hybrid Modular Framework for Human Instruction Following *		2022
288	MAL-22-0288	C2PAx ComplexityAware Constant Parameter Approximation for EnergyEfficient TreeBased Machine Learning Accelerators *		2022
289	MAL-22-0289	Variable Impedance Skill Learning for ContactRich Manipulation		2022
290	MAL-22-0290	Artificial Intelligence for Colonoscopy Past Present and Future		2022
291	MAL-22-0291	I Let Depression and Anxiety Drown Me Identifying Factors Associated With Resilience Based on Journaling Using Machine Learning and Thematic Analysis *		2022
292	MAL-22-0292	Development of an Integrated Soft ENose for Food Quality Assessment *		2022

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293	MAL-22-0293	Efficient Partition Decision Based on Visual Perception and Machine Learning for H266Versatile Video Coding		2022
294	MAL-22-0294	Next Day Wildfire Spread A Machine Learning Dataset to Predict Wildfire Spreading From RemoteSensing Data		2022
295	MAL-22-0295	Quantum Kernels for RealWorld Predictions Based on Electronic Health Records		2022
296	MAL-22-0296	A Novel TwoMode Integral Approach for Thermal Error Modeling in CNC MillingTurning Machining Center		2022
297	MAL-22-0297	Solar Particle Event and Single Event Upset Prediction from SRAMBased Monitor and Supervised Machine Learning		2022
298	MAL-22-0298	A Machine LearningBased Classification and Prediction Technique for DDoS Attacks		2022
299	MAL-22-0299	A Survey on Multimedia Services QoE Assessment and Machine LearningBased Prediction		2022
300	MAL-22-0300	RealTime Passenger Train Delay Prediction Using Machine Learning A Case Study With Amtrak Passenger Train Routes		2022
301	MAL-22-0301	Study on Bandwidth Analyzed Adaptive Boosting Machine Tool Chatter Diagnosis System *		2022
302	MAL-22-0302	Rumors Detection Based on Lifelong Machine Learning		2022
303	MAL-22-0303	BRIDGE ByzantineResilient Decentralized Gradient Descent *		2022
304	MAL-22-0304	Epileptic Seizure Detection Using BrainRhythmic Recurrence Biomarkers and ONASNetBased Transfer Learning		2022
305	MAL-22-0305	SVMnet NonParametric Image Classification Based on Convolutional Ensembles of Support Vector Machines for Small Training Sets		2022
306	MAL-22-0306	Resource Allocation for Cellular ZeroTouch Deterministic Industrial M2M Networks A Reinforcement LearningBased Scheme *		2022

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307	MAL-22-0307	Detection of Diabetes Mellitus With Deep Learning and Data Augmentation Techniques on Foot Thermography		2022
308	MAL-22-0308	Shortterm Wind Power Prediction Based on Soft Margin Multiple Kernel Learning Method		2022
309	MAL-22-0309	Sleep Posture Recognition With a DualFrequency Microwave Doppler Radar and Machine Learning Classifiers *		2022
310	MAL-22-0310	A Dish Recognition Framework Using Transfer Learning		2022
311	MAL-22-0311	Classifying Swahili Smishing Attacks for Mobile Money Users A MachineLearning Approach		2022
312	MAL-22-0312	Rainfall Estimation From TEMPESTD CubeSat Observations A MachineLearning Approach		2022
313	MAL-22-0313	Machine LearningBased Framework to Predict Finger Movement for Prosthetic Hand *		2022
314	MAL-22-0314	MetaActive Learning in Probabilistically Safe Optimization *		2022
315	MAL-22-0315	COVID19 Social Distance Proximity Estimation Using Machine Learning Analyses of Smartphone Sensor Data *		2022
316	MAL-22-0316	OGSSL A SemiSupervised Classification Model Coupled With Optimal Graph Learning for EEG Emotion Recognition		2022
317	MAL-22-0317	DONE Distributed Approximate Newtontype Method for Federated Edge Learning *		2022
318	MAL-22-0318	CorrelationBased Data Augmentation for Machine Learning and Its Application to Road Environment Recognition *		2022
319	MAL-22-0319	Estimation of Changes in Intracardiac Hemodynamics Using Wearable Seismocardiography and Machine Learning in Patients With Heart Failure A Feasibility Study *		2022

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## IEEE Machine Learning Domain Project List

S No	Wisen Code	IEEE Project Title	Discount	Year
320	MAL-22-0320	A Calibrated Ensemble Algorithm to Address Data Heterogeneity in Machine Learning An Application to Identify Severe SLE Flares in Lupus Patients		2022
321	MAL-22-0321	Geometric Machine Learning Over Riemannian Manifolds for Wireless Link Scheduling		2022
322	MAL-22-0322	An Intelligent Machine Learning Based Routing Scheme for VANET		2022
323	MAL-22-0323	Analytics on NonNormalized Data Sources More Learning Rather Than More Cleaning		2022
324	MAL-22-0324	A Survey of Collaborative Machine Learning Using 5G Vehicular Communications *		2022
325	MAL-22-0325	PDResNet for Classification of Parkinsons Disease From Gait		2022
326	MAL-22-0326	5G Network Management System With Machine Learning Based Analytics		2022
327	MAL-22-0327	Characterization of Knee and Gait Features From a Wearable TeleHealth Monitoring System		2022
328	MAL-22-0328	Federated Learning Meets MultiObjective Optimization *		2022
329	MAL-22-0329	Incremental Learning With Adaptive Model Search and a Nominal Loss Model		2022
330	MAL-22-0330	Smart Data AnalyticBased Transform of LowCount GammaRay Spectra for Enhancing Isotope Detection by Using a SelfLearning Window of Relevance Vector Regression *		2022
331	MAL-22-0331	Multiexpert Adversarial Regularization for Robust and DataEfficient Deep Supervised Learning		2022
332	MAL-22-0332	Automatic Digital Modulation Recognition Based on GeneticAlgorithmOptimized Machine Learning Models		2022
333	MAL-22-0333	Robust Network Intrusion Detection System Based on MachineLearning With Early Classification		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
334	MAL-22-0334	EdgeTB A Hybrid Testbed for Distributed Machine Learning at the Edge With High Fidelity *		2022
335	MAL-22-0335	Inference of Brain States Under Anesthesia With Meta Learning Based Deep Learning Models		2022
336	MAL-22-0336	Improved SpikeBased BrainMachine Interface Using Bayesian Adaptive Kernel Smoother and Deep Learning		2022
337	MAL-22-0337	Stop Oversampling for Class Imbalance Learning A Review		2022
338	MAL-22-0338	Machine LearningAided Design of DielectricFilled Slotted Waveguide Antennas With Specified Sidelobe Levels		2022
339	MAL-22-0339	Evaluating Machine LearningBased Classification Approaches A New Method for Comparing Classifiers Applied to Human Driver Prediction Intentions		2022
340	MAL-22-0340	MachineLearningBased Diagnosis of an InverterFed Induction Motor *		2022
341	MAL-22-0341	Machine Learning Assisted Methodology for Multiclass Classification of Malignant Brain Tumors		2022
342	MAL-22-0342	CDLNet NoiseAdaptive Convolutional Dictionary Learning Network for Blind Denoising and Demosaicing		2022
343	MAL-22-0343	Scalable Machine Learning to Estimate the Impact of Aging on Circuits Under Workload Dependency *		2022
344	MAL-22-0344	An Efficient Contesting Procedure for AutoML Optimization		2022
345	MAL-22-0345	TransferLearningBased SVM Method for Seismic Phase Picking With Insufficient Training Samples *		2022
346	MAL-22-0346	Federated Transfer Learning for Bearing Fault Diagnosis With DiscrepancyBased Weighted Federated Averaging *		2022
347	MAL-22-0347	Neural Networks Based Beam Codebooks Learning mmWave Massive MIMO Beams That Adapt to Deployment and Hardware *		2022

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348	MAL-22-0348	Counterfactual Building and Evaluation via eXplainable Support Vector Data Description		2022
349	MAL-22-0349	Classifying Toe Walking Gait Patterns Among Children Diagnosed With Idiopathic Toe Walking Using Wearable Sensors and Machine Learning Algorithms		2022
350	MAL-22-0350	Enhancing Reinforcement Learning Performance in Delayed Reward System Using DQN and Heuristics		2022
351	MAL-22-0351	SideAware MetaLearning for CrossDataset Listener Diagnosis With Subjective Tinnitus		2022
352	MAL-22-0352	EEG Signal Processing for Alzheimers Disorders Using Discrete Wavelet Transform and Machine Learning Approaches		2022
353	MAL-22-0353	A Review of Machine LearningBased Photovoltaic Output Power Forecasting Nordic Context		2022
354	MAL-22-0354	ClusteringGuided Pairwise Metric Triplet Loss for Person Reidentification *		2022
355	MAL-22-0355	Program Synthesis Through Learning the InputOutput Behavior of Commands		2022
356	MAL-22-0356	Machine Learning Based Visible Light Indoor Positioning With SingleLED and Single Rotatable Photo Detector		2022
357	MAL-22-0357	When Smart Cities Get Smarter via Machine Learning An InDepth Literature Review		2022
358	MAL-22-0358	Novel Multilayer Extreme Learning Machine as a Massive MIMO Receiver for Millimeter Wave Communications		2022
359	MAL-22-0359	Novel Iterative Machine Learning for Accurate PhotonCounting Poisson Channel Estimation *		2022
360	MAL-22-0360	SubjectIndependent Biological Hip Moment Estimation During Multimodal Overground Ambulation Using Deep Learning *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
361	MAL-22-0361	A Systematic Review on Recent Advancements in Deep and Machine Learning Based Detection and Classification of Acute Lymphoblastic Leukemia		2022
362	MAL-22-0362	An Effective Machine Learning Based Algorithm for Inferring User Activities From IoT Device Events *		2022
363	MAL-22-0363	AI Empowered Virtual Reality Integrated Systems for Sleep Stage Classification and Quality Enhancement		2022
364	MAL-22-0364	Prediction of the Immune Phenotypes of Bladder Cancer Patients for Precision Oncology		2022
365	MAL-22-0365	FBG Based Optical Weight Measurement System and Its Performance Enhancement Using Machine Learning *		2022
366	MAL-22-0366	GasBearing Prediction of Tight Sandstone Reservoir Using SemiSupervised Learning and Transfer Learning *		2022
367	MAL-22-0367	On the Performance of Deep Transfer Learning Networks for Brain Tumor Detection Using MR Images		2022
368	MAL-22-0368	Blockage Prediction Using Wireless Signatures Deep Learning Enables RealWorld Demonstration		2022
369	MAL-22-0369	Wafer Defect Pattern Labeling and Recognition Using SemiSupervised Learning *		2022
370	MAL-22-0370	Automatic Cyberbullying Detection a Mexican case in High School and Higher Education students *		2022
371	MAL-22-0371	A New L MultiKernel Learning Support Vector Regression Ensemble Algorithm With AdaBoost		2022
372	MAL-22-0372	Distributed Learning With Dependent Samples *		2022
373	MAL-22-0373	Ensemble Machine Learning Techniques Using Computer Simulation Data for Wild Blueberry Yield Prediction		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
374	MAL-22-0374	Detecting Elderly Behaviors Based on Deep Learning for Healthcare Recent Advances Methods RealWorld Applications and Challenges		2022
375	MAL-22-0375	User Experience Design Using Machine Learning A Systematic Review		2022
376	MAL-22-0376	Explainable Deep Learning Model for EMGBased Finger Angle Estimation Using Attention		2022
377	MAL-22-0377	Marginal Structural Models Using Calibrated Weights With SuperLearner Application to Type II Diabetes Cohort *		2022
378	MAL-22-0378	Dictionary Learning of Symmetric Positive Definite Data Based on Riemannian Manifold Tangent Spaces and Local Homeomorphism		2022
379	MAL-22-0379	An Intelligent Antenna Synthesis Method Based on Machine Learning *		2022
380	MAL-22-0380	Machine Learning Based Healthcare System for Investigating the Association Between Depression and Quality of Life *		2022
381	MAL-22-0381	Production Wastage Avoidance Using Modified MultiObjective Teaching Learning Based Optimization Embedded With Refined Learning Scheme		2022
382	MAL-22-0382	Byzantine Fault Tolerant Distributed Stochastic Gradient Descent Based on OvertheAir Computation *		2022
383	MAL-22-0383	Alzheimers Disease Detection Using Comprehensive Analysis of Timed Up and Go Test via Kinect V2 Camera and Machine Learning		2022
384	MAL-22-0384	Distributed Learning for Wireless Communications Methods Applications and Challenges *		2022
385	MAL-22-0385	Intelligent Machine Fault Diagnosis Using Convolutional Neural Networks and Transfer Learning		2022
386	MAL-22-0386	A Machine Learning Perspective on fNIRS Signal Quality Control Approaches		2022
387	MAL-22-0387	MachineLearning Model to Predict the Intradialytic Hypotension Based on ClinicalAnalytical Data		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
388	MAL-22-0388	Multilayer Stacked Ensemble Learning Model to Detect Phishing Websites		2022
389	MAL-22-0389	A FineResolution Snow Depth Retrieval Algorithm From EnhancedResolution Passive Microwave Brightness Temperature Using Machine Learning in Northeast China *		2022
390	MAL-22-0390	Code Generation Using Machine Learning A Systematic Review		2022
391	MAL-22-0391	XiaoShih A SelfEnriched Question Answering Bot With Machine Learning on ChineseBased MOOCs *		2022
392	MAL-22-0392	Towards an Alfriendly crosstimescale simulation and analysis platform for electric distribution systems		2022
393	MAL-22-0393	Model Predictive ControlBased Reinforcement Learning Using Expected Sarsa		2022
394	MAL-22-0394	MLOps A Taxonomy and a Methodology		2022
395	MAL-22-0395	Prediction of Pakistani Honey Authenticity Through Machine Learning		2022
396	MAL-22-0396	A PrivacyPreserved Split Learning Solution for Deep LearningBased mmWave Beam Selection *		2022
397	MAL-22-0397	Intra and InterSlice Contrastive Learning for Point Supervised OCT Fluid Segmentation *		2022
398	MAL-22-0398	DeviceSimulationBased Machine Learning Technique for the Characteristic of Line Tunnel FieldEffect Transistors		2022
399	MAL-22-0399	Optimizing Flying Base Station Connectivity by RAN Slicing and Reinforcement Learning		2022
400	MAL-22-0400	Predicting UPDRS Motor Symptoms in Individuals With Parkinsons Disease From Force Plates Using Machine Learning *		2022
401	MAL-22-0401	Medium and LongTerm Precipitation Forecasting Method Based on Data Augmentation and Machine Learning Algorithms		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
402	MAL-22-0402	Multibranch Machine Learning Assisted Optimization and Its Application to Antenna Design *		2022
403	MAL-22-0403	Grouped Subspace Linear Semantic Alignment for Hyperspectral Image Transfer Learning *		2022
404	MAL-22-0404	Distributed Machine Learning Based Downlink Channel Estimation for RIS Assisted Wireless Communications *		2022
405	MAL-22-0405	Review of Machine Learning Based Fault Detection for Centrifugal Pump Induction Motors		2022
406	MAL-22-0406	A Systematic Literature Review of Machine Learning Techniques Deployed in Agriculture A Case Study of Banana Crop		2022
407	MAL-22-0407	An Efficient Approach for Crops Pests Recognition and Classification Based on Novel DeepPestNet Deep Learning Model		2022
408	MAL-22-0408	Machine Learning Assisted Prediction for FreeSpace Continuous Variable Quantum Teleportation		2022
409	MAL-22-0409	Automated Stress Recognition Using Supervised Learning Classifiers by Interactive Virtual Reality Scenes		2022
410	MAL-22-0410	Power Prediction in Register Files Using Machine Learning		2022
411	MAL-22-0411	Employing Machine Learning for Enhancing Transient Stability of Power Synchronization Control During Fault Conditions in Weak Grids		2022
412	MAL-22-0412	Classification of As Pb and Cd Heavy Metal Ions Using Square Wave Voltammetry Dimensionality Reduction and Machine Learning		2022
413	MAL-22-0413	A Comparison Study About Parameter Optimization Using Swarm Algorithms		2022
414	MAL-22-0414	Assessment of Tiny Machine Learning Computing Systems Under Neutron Induced Radiation Effects *		2022
415	MAL-22-0415	Three Symmetries for Data Driven Pedestrian Inertial Navigation		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
416	MAL-22-0416	Learning From Ambiguous Labels for Lung Nodule Malignancy Prediction *		2022
417	MAL-22-0417	Survival Analysis of COVID19 Patients With Symptoms Information by Machine Learning Algorithms		2022
418	MAL-22-0418	Unstructured Handwashing Recognition Using Smartwatch to Reduce Contact Transmission of Pathogens		2022
419	MAL-22-0419	A Novel AttentionBased MultiModal Modeling Technique on Mixed Type Data for Improving TFTLCD Repair Process		2022
420	MAL-22-0420	Parameter Estimation of Power Electronic Converters With PhysicsInformed Machine Learning		2022
421	MAL-22-0421	A Machine Learning Approach for the Classification of Falls and Activities of Daily Living in Agricultural Workers		2022
422	MAL-22-0422	Machine Learning for InterTurn ShortCircuit Fault Diagnosis in Permanent Magnet Synchronous Motors *		2022
423	MAL-22-0423	Breakthrough of Clinical Candida Cultures Identification Using the Analysis of Volatile Organic Compounds and Artificial Intelligence Methods *		2022
424	MAL-22-0424	Machine Learning Models for Predicting Financially Vigilant LowIncome Households		2022
425	MAL-22-0425	Fault Detection and Classification for Wide Area Backup Protection of Power Transmission Lines Using Weighted Extreme Learning Machine		2022
426	MAL-22-0426	A MultiAgent Collaborative Environment Learning Method for UAV Deployment and Resource Allocation *		2022
427	MAL-22-0427	Federated Generalized Bayesian Learning via Distributed Stein Variational Gradient Descent *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
1	NET-22-0001	Stochastic Preventive SecurityConstrained Economic Dispatch *		2022
2	NET-22-0002	Interpretable Local Frequency Binary Pattern LFrBP Based Joint Continual Learning Network for Heterogeneous Face Recognition *		2022
3	NET-22-0003	Downlink Power Allocation in Massive MIMO via Deep Learning Adversarial Attacks and Training *		2022
4	NET-22-0004	Analysis of MP4 Videos in 5G Using SDN *		2022
5	NET-22-0005	Intrusion detection technique in wireless sensor network using grid search random forest with Boruta feature selection algorithm		2022
6	NET-22-0006	A Wormhole Attack Detection Algorithm Integrated With the Node Trust Optimization Model in WSNs *		2022
7	NET-22-0007	Computational Sensor Fingerprints *		2022
8	NET-22-0008	CSG ClassifierAware Defense Strategy Based on Compressive Sensing and Generative Networks for Visual Recognition in Autonomous Vehicle Systems *		2022
9	NET-22-0009	MTRBNet MultiBranch Topology Residual BlockBased Network for LowLight Enhancement *		2022
10	NET-22-0010	UAVAIed Transceiver Design for Secure Downlink OWDFTsOFDM System A MultiUser mmWave Application		2022
11	NET-22-0011	Summary of DNS Over HTTPS Abuse		2022
12	NET-22-0012	TMADPSO Towards Efficient MultiTask Allocation With Time Constraints for Next Generation Multiple Access *		2022
13	NET-22-0013	A StochasticRobust Approach for Resilient Microgrid Investment Planning Under Static and Transient Islanding Security Constraints *		2022
14	NET-22-0014	SecretKey Provisioning With Collaborative Routing in PartiallyTrustedRelaybased QuantumKeyDistributionSecured Optical Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
15	NET-22-0015	A Secure Encoding Mechanism Against Deception Attacks on Multisensor Remote State Estimation *		2022
16	NET-22-0016	A Scalable Formulation for LookAhead SecurityConstrained Optimal Power Flow		2022
17	NET-22-0017	Signaling Design for MIMONOMA With Different Security Requirements *		2022
18	NET-22-0018	PrivacyPreserving Encrypted Traffic Inspection With Symmetric Cryptographic Techniques in IoT *		2022
19	NET-22-0019	Towards a Unified Framework for Physical Layer Security in 5G and Beyond Networks		2022
20	NET-22-0020	Procedures Criteria and Machine Learning Techniques for Network Traffic Classification A Survey		2022
21	NET-22-0021	Cognitive EnergyAware Spectrum Sensing With Improved Throughput for Medical Sensor Networks *		2022
22	NET-22-0022	A Node Deployment Optimization Algorithm of WSNs Based on Improved Moth Flame Search *		2022
23	NET-22-0023	A Gated Recurrent Unit Deep Learning Model to Detect and Mitigate Distributed Denial of Service and Portscan Attacks		2022
24	NET-22-0024	Bipartite Graph Attention Autoencoders for Unsupervised Change Detection Using VHR Remote Sensing Images *		2022
25	NET-22-0025	Physical Layer Security of Intelligent Reflective Surface Aided NOMA Networks *		2022
26	NET-22-0026	Covert Channel Detection Machine Learning Approaches		2022
27	NET-22-0027	Wireless Sensor Network Dependable Monitoring for Urban Air Quality		2022
28	NET-22-0028	Detecting and Mitigating Collusive Interest Flooding Attacks in Named Data Networking		2022
29	NET-22-0029	Channel Characteristics Based Adjustable Fingerprint for Identity Authentication in WDM PON With Deep Neural Networks		2022



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S No	Wisen Code	IEEE Project Title	Discount	Year
30	NET-22-0030	Robustness Enhanced Sensor Assisted Monte Carlo Localization for Wireless Sensor Networks and the Internet of Things		2022
31	NET-22-0031	Security Countermeasures Selection Using the Meta Attack Language and Probabilistic Attack Graphs		2022
32	NET-22-0032	A MultiScale Feature Attention Approach to Network Traffic Classification and Its Model Explanation *		2022
33	NET-22-0033	CoupledTheoreticalModelBased onDemand Quantum Secured Future Fronthaul Architecture Over Hybrid Core Fibers *		2022
34	NET-22-0034	Efficient Pyramidal GAN for Versatile Missing Data Reconstruction in Remote Sensing Images *		2022
35	NET-22-0035	Secure Transmission for MISO Wiretap Channels Using General MultiFractional Fourier Transform An Approach in Signal Domain *		2022
36	NET-22-0036	ARGAN Adversarially Robust Generative Adversarial Networks for Deep Neural Networks Against Adversarial Examples		2022
37	NET-22-0037	Applications of MultiAgent Reinforcement Learning in Future Internet A Comprehensive Survey *		2022
38	NET-22-0038	SelfSupervised MultiCategory Counting Networks for Automatic CheckOut *		2022
39	NET-22-0039	A HighThroughput Random Binary Sequence Generator Based on ECG		2022
40	NET-22-0040	Joint Transmit and Reflective Beamformer Design for Secure Estimation in IRSAided WSNs *		2022
41	NET-22-0041	Image Enhancement Algorithm Based on GAN Neural Network		2022
42	NET-22-0042	IRSAided EnergyEfficient Secure WBAN Transmission Based on Deep Reinforcement Learning *		2022
43	NET-22-0043	Malware Spreading Model for Routers in WiFi Networks		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
44	NET-22-0044	Physical Layer Node Authentication in Underwater Acoustic Sensor Networks Using TimeReversal *		2022
45	NET-22-0045	A Survey of Intelligent Network Slicing Management for Industrial IoT Integrated Approaches for Smart Transportation Smart Energy and Smart Factory *		2022
46	NET-22-0046	MultiAgent Reinforcement Learning for Decentralized Resilient Secondary Control of Energy Storage Systems Against DoS Attacks *		2022
47	NET-22-0047	Preventing DDoS Flooding Attacks With Cryptographic Path Identifiers in Future Internet *		2022
48	NET-22-0048	FakeAP Detector An AndroidBased ClientSide Application for Detecting WiFi Hotspot Spoofing		2022
49	NET-22-0049	EnergyAware and TrustBased Secure Routing Protocol for Wireless Sensor Networks Using Adaptive Genetic Algorithm		2022
50	NET-22-0050	Examining Impact of Distribution System Characteristics on Transmission Security Assessment of Future Power Systems		2022
51	NET-22-0051	Is Encrypted ClientHello a Challenge for Traffic Classification		2022
52	NET-22-0052	LearningBased Efficient Sparse Sensing and Recovery for PrivacyAware IoMT *		2022
53	NET-22-0053	An Abnormal Traffic Detection Model Combined BiLdRNN With Global Attention		2022
54	NET-22-0054	Multiview Gait Recognition on Unconstrained Path Using Graph Convolutional Neural Network		2022
55	NET-22-0055	Secrecy Outage Analysis of RelayUser Pairing for Secure Hybrid SatelliteTerrestrial Networks *		2022
56	NET-22-0056	A Comprehensive Survey on Vehicular Networking Communications Applications Challenges and Upcoming Research Directions		2022
57	NET-22-0057	TDOABased Robust Sound Source Localization With Sparse Regularization in Wireless Acoustic Sensor Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
58	NET-22-0058	The Magic of Superposition A Survey on Simultaneous Transmission Based Wireless Systems		2022
59	NET-22-0059	Convolutional Neural Network Based Algorithm for Early Warning Proactive System Security in Software Defined Networks		2022
60	NET-22-0060	Node Embedding for SecurityAware Clustering of Mobile InformationCentric Sensor Networks *		2022
61	NET-22-0061	Minimizing Update Makespan in SDNs Without TCAM Overhead *		2022
62	NET-22-0062	The Evolution of Quantum Key Distribution Networks On the Road to the Qinternet *		2022
63	NET-22-0063	Generating Labeled Training Datasets Towards Unified Network Intrusion Detection Systems		2022
64	NET-22-0064	LMASHS A Lightweight Mutual Authentication Scheme for Smart Home Surveillance		2022
65	NET-22-0065	Key Wearable Device Technologies Parameters for Innovative Healthcare Delivery in B5G Network A Review		2022
66	NET-22-0066	The Detection Scheme Against Selective Forwarding of Smart Malicious Nodes With Reinforcement Learning in Wireless Sensor Networks *		2022
67	NET-22-0067	DNS Poisoning of Operating System Caches Attacks and Mitigations *		2022
68	NET-22-0068	Towards Resilient and Secure Cooperative Behavior of Intelligent Transportation System Using Sensor Technologies *		2022
69	NET-22-0069	Surgical DDoS Filtering With Fast LPM		2022
70	NET-22-0070	An Explainable AIBased Intrusion Detection System for DNS Over HTTPS DoH Attacks *		2022
71	NET-22-0071	Distribution SubDomain Adaptation Deep Transfer Learning Method for Bridge Structure Damage Diagnosis Using Unlabeled Data *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
72	NET-22-0072	Beware of IPs in Sheeps Clothing Measurement and Disclosure of IP Spoofing Vulnerabilities *		2022
73	NET-22-0073	HCovBiCaps Hate Speech Detection Using Convolutional and BiDirectional Gated Recurrent Unit With Capsule Network		2022
74	NET-22-0074	A Secure Energy Efficient Scheme for Cooperative IoT Networks *		2022
75	NET-22-0075	A ReinforcementLearningBased Opportunistic Routing Protocol for EnergyEfficient and VoidAvoided UASNs *		2022
76	NET-22-0076	Analysis of Reversible Network Covert Channels		2022
77	NET-22-0077	Improving the Security of the IEEE 802156 Standard for Medical BANs		2022
78	NET-22-0078	Hybrid Genetic Firefly AlgorithmBased Routing Protocol for VANETs		2022
79	NET-22-0079	The Deep Radial Basis Function Data Descriptor DRBFDD Network A OneClass Neural Network for Anomaly Detection		2022
80	NET-22-0080	Deep Convolutional SelfAttention Network for EnergyEfficient Power Control in NOMA Networks *		2022
81	NET-22-0081	An Emergent SelfAwareness Module for Physical Layer Security in Cognitive UAV Radios *		2022
82	NET-22-0082	Robust Attentive Deep Neural Network for Detecting GANGenerated Faces		2022
83	NET-22-0083	Reliable and Secure Deep LearningBased OFDMDCSK Transceiver Design Without Delivery of Reference Chaotic Sequences *		2022
84	NET-22-0084	Counterfeit Clones A Novel Technique for Source and Sink Location Privacy in Wireless Sensor Networks		2022
85	NET-22-0085	OpenSet LearningBased Hologram Verification System Using Generative Adversarial Networks		2022
86	NET-22-0086	Analysis and Evaluation of Information Redundancy Mitigation for V2X Collective Perception		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
87	NET-22-0087	A Deep LearningBased Intelligent Receiver for Improving the Reliability of the MIMO Wireless Communication System *		2022
88	NET-22-0088	A Conditional PrivacyPreserving Certificateless Aggregate Signature Scheme in the Standard Model for VANETs		2022
89	NET-22-0089	Automatic ShortAnswer Grading via BERTBased Deep Neural Networks *		2022
90	NET-22-0090	Computing Antimagic Labeling of Lattically Designed Symmetric Networks		2022
91	NET-22-0091	Secure Visible Light Communication System via Cooperative Attack Detecting Techniques		2022
92	NET-22-0092	ClassE Power Amplifiers Incorporating Fingerprint Augmentation With Combinatorial Security Primitives for MachineLearningBased Authentication in 65 nm CMOS *		2022
93	NET-22-0093	Satellite and CacheAssisted UAV A Joint Cache Placement Resource Allocation and Trajectory Optimization for 6G Aerial Networks		2022
94	NET-22-0094	A New Realistic Benchmark for Advanced Persistent Threats in Network Traffic *		2022
95	NET-22-0095	Template Aging in MultiModal Social Behavioral Biometrics		2022
96	NET-22-0096	Artificial Noise Aided Secure NOMA Communications in STARRIS Networks *		2022
97	NET-22-0097	Distributionally Robust Chance Constrained Optimization for Providing Flexibility in an Active Distribution Network		2022
98	NET-22-0098	Resisting Malicious Eavesdropping Physical Layer Security of mmWave MIMO Communications in Presence of Random Blockage *		2022
99	NET-22-0099	DET Enabling Efficient Probing of IPv6 Active Addresses *		2022
100	NET-22-0100	CAN Bus Message Authentication via CoChannel RF Watermark *		2022
101	NET-22-0101	Routing Protocol for Wireless Sensor Networks Based on Archimedes Optimization Algorithm *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
102	NET-22-0102	InPhase and Quadrature Index Modulation Aided OTFS Transmission *		2022
103	NET-22-0103	Deep Graph Learning for Anomalous Citation Detection *		2022
104	NET-22-0104	Online Monitoring for NonStationary Operation via a Collaborative Neural Network *		2022
105	NET-22-0105	Measuring Network Robustness by Average Network Flow *		2022
106	NET-22-0106	A Concealed Based Approach for Secure Transmission in Advanced Metering Infrastructure		2022
107	NET-22-0107	A Dataset and Benchmark for Multimodal Biometric Recognition Based on Fingerprint and Finger Vein *		2022
108	NET-22-0108	Certificateless Homomorphism Network Coding Signature Scheme *		2022
109	NET-22-0109	STOP A Service Oriented Internet Purification Against Link Flooding Attacks *		2022
110	NET-22-0110	Authenticated Key Agreement Protocol for Secure Communication Establishment in VehicletoGrid Environment With FPGA Implementation *		2022
111	NET-22-0111	Mitigating Traffic Remapping Attacks in Autonomous Multihop Wireless Networks		2022
112	NET-22-0112	Cooperative Hybrid Nonorthogonal Multiple AccessBased MobileEdge Computing in Cognitive Radio Networks *		2022
113	NET-22-0113	Network Services Anomalies in NFV Survey Taxonomy and Verification Methods *		2022
114	NET-22-0114	Impact of Wireless Energy Transfer Strategies on the Secrecy Performance of Untrustworthy Relay Networks *		2022
115	NET-22-0115	Coherent EMLTIA Detector for DSPFree 1 Gbs Reception Over Extended Budget *		2022
116	NET-22-0116	Leak Identification Based on CSResNet Under Different Leakage Apertures for WaterSupply Pipeline		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
117	NET-22-0117	User cooperation for IRSaided secure MIMO systems		2022
118	NET-22-0118	Antenna Additively Manufactured Engineered Fingerprinting for PhysicalLayer Security Enhancement for Wireless Communications		2022
119	NET-22-0119	Identify Selective Forwarding Attacks Using Danger Model Promote the Detection Accuracy in Wireless Sensor Networks *		2022
120	NET-22-0120	A Systematic Survey on the Recent Advancements in the Social Internet of Things		2022
121	NET-22-0121	Terahertz Meets Untrusted UAVRelaying Minimum Secrecy Energy Efficiency Maximization via Trajectory and Communication CoDesign *		2022
122	NET-22-0122	AntiJamming RIS Communications Using DQNBased Algorithm		2022
123	NET-22-0123	Cooperative Communication and Mobility for Securing URLLC of Future Wireless Networks *		2022
124	NET-22-0124	UAV Relay Assisted Cooperative Jamming for Covert Communications Over Rician Fading *		2022
125	NET-22-0125	Detecting ZeroDay Intrusion Attacks Using SemiSupervised Machine Learning Approaches		2022
126	NET-22-0126	Multiuser Scheduling in Centralized Cognitive Radio Networks A MultiArmed Bandit Approach *		2022
127	NET-22-0127	MultiDomain Networks for Wireless Interference Recognition *		2022
128	NET-22-0128	A Quantitative Analysis of Physical Security and Path Loss With Frequency for IBOB Channel *		2022
129	NET-22-0129	Throughput Maximization for Backscatter and CacheAssisted Wireless Powered UAV Technology		2022
130	NET-22-0130	IntelligentReflectingSurfaceEmpowered WirelessPowered Caching Networks *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
131	NET-22-0131	Stealthy FDI Attacks Against Networked Control Systems Using Two Filters With an Arbitrary Gain *		2022
132	NET-22-0132	Jamming Attacks and AntiJamming Strategies in Wireless Networks A Comprehensive Survey *		2022
133	NET-22-0133	Neural Network Modeling Attacks on ArbiterPUFBased Designs *		2022
134	NET-22-0134	Migrating From IP to NDN Using DualChannel Translation Gateway		2022
135	NET-22-0135	Securing FullDuplex AmplifyandForward RelayAided Communications Through ProcessingTime Optimization *		2022
136	NET-22-0136	Front cover		2022
137	NET-22-0137	Intelligent Omni SurfaceAssisted Secure MIMO Communication Networks With Artificial Noise *		2022
138	NET-22-0138	PhysicalLayer Secret Key Generation in Power Line Communication Networks		2022
139	NET-22-0139	Precoder Design for PhysicalLayer Security and Authentication in Massive MIMO UAV Communications *		2022
140	NET-22-0140	Hybrid CVDV Quantum Communications and Quantum Networks		2022
141	NET-22-0141	Multiagent Reinforcement LearningBased Signal Planning for Resisting Congestion Attack in Green Transportation *		2022
142	NET-22-0142	RealTime Analysis of Multiple Root Causes for Anomalies Assisted by Digital Twin in NFV Environment *		2022
143	NET-22-0143	LowComplexity Joint Phase Adjustment and Receive Beamforming for Directional Modulation Networks via IRS		2022
144	NET-22-0144	Recent Advances on Federated Learning for Cybersecurity and Cybersecurity for Federated Learning for Internet of Things *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
145	NET-22-0145	SEGRU Structure Embedded Gated Recurrent Unit Neural Networks for Temporal Link Prediction *		2022
146	NET-22-0146	Transfer Learning for Wireless Networks A Comprehensive Survey *		2022
147	NET-22-0147	An Efficient SemiQuantum Key Distribution Protocol and Its Security Proof *		2022
148	NET-22-0148	NDPsec Neighbor Discovery Protocol Security Mechanism		2022
149	NET-22-0149	The Effective Secrecy Throughput of a Broadband Power Line Communication System Under the Presence of Colluding Wireless Eavesdroppers		2022
150	NET-22-0150	DeepReinforcementLearningBased Resource Allocation for Content Distribution in Fog Radio Access Networks *		2022
151	NET-22-0151	Defense Against Machine Learning Based Attacks in MultiUAV Networks A Network Coding Based Approach *		2022
152	NET-22-0152	Localization of Data Injection Attacks on Distributed MEstimation *		2022
153	NET-22-0153	Integrating Artificial Intelligence Internet of Things and 5G for NextGeneration Smartgrid A Survey of Trends Challenges and Prospect		2022
154	NET-22-0154	Physical Layer Security in NPair NOMAPLNC Wireless Networks		2022
155	NET-22-0155	Secret Key Generation by Continuous Encryption Before Quantization		2022
156	NET-22-0156	Detecting DistanceSpoofing Attacks in ArbitrarilyDeployed Wireless Networks *		2022
157	NET-22-0157	Cooperative Resource Scheduling for TimeSensitive Services in an Integrated XGSPON and WiFi 6 Network *		2022
158	NET-22-0158	Fingerprinting Technique for YouTube Videos Identification in Network Traffic		2022
159	NET-22-0159	A Security Detection Scheme Based on TTD for NGPON2 Fiber Links *		2022
160	NET-22-0160	Outage Performance of Satellite Terrestrial FullDuplex Relaying Networks With coChannel Interference *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
161	NET-22-0161	A Class of Tiled Diagonal Zipper Codes With Multiple Chains *		2022
162	NET-22-0162	Optimal Distribution of Power Grid Under Frequency Load Shedding With Security Considerations *		2022
163	NET-22-0163	Radio Frequency Fingerprinting Improved by Statistical Noise Reduction *		2022
164	NET-22-0164	Convolutional Neural Network Based on Diverse Gabor Filters for Deepfake Recognition		2022
165	NET-22-0165	Hierarchical Structure Feature Aware Graph Neural Network for Node Classification		2022
166	NET-22-0166	Comments on A Secure Privacy Preserving and Lightweight Authentication Scheme for VANETs *		2022
167	NET-22-0167	Group Security Authentication and Key Agreement Protocol Built by Elliptic Curve Diffie Hellman Key Exchange for LTE Military Grade Communication		2022
168	NET-22-0168	A Proxy Signature Based Swarm Drone Authentication With Leader Selection in 5G Networks		2022
169	NET-22-0169	Resource Allocation for IRS Assisted SGF NOMA Transmission A MADRL Approach *		2022
170	NET-22-0170	Call for papers		2022
171	NET-22-0171	Hardware Fingerprint Authentication in Optical Networks Assisted by Anomaly Detection *		2022
172	NET-22-0172	Joint Precoder and Beamformer Design for Secure Relay Networks With Finite Alphabet Inputs and Statistical CSI of Eve *		2022
173	NET-22-0173	Differential Game Analysis of Enterprises Investing in New Infrastructure and Maintaining Social Network Security Under the Digital Innovation Ecosystem		2022
174	NET-22-0174	Secure Directional Modulation in RIS Aided Networks A Low Sidelobe Hybrid Beamforming Approach *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
175	NET-22-0175	LongTerm Prediction of Network Security Situation Through the Use of the TransformerBased Model		2022
176	NET-22-0176	A Survey on LPWAN5G Integration Main Challenges and Potential Solutions		2022
177	NET-22-0177	HumanMachine InteractionOriented Image Coding for ResourceConstrained Visual Monitoring in IoT *		2022
178	NET-22-0178	A Framework of Electricity Market Based on TwoLayer Stochastic Power Management for Microgrids		2022
179	NET-22-0179	A Survey of Sparse Mobile Crowdsensing Developments and Opportunities		2022
180	NET-22-0180	A Provably Secure ThreeFactor Authentication Protocol Based on Chebyshev Chaotic Mapping for Wireless Sensor Network		2022
181	NET-22-0181	Aiden AssociationLearningBased Attack Identification on the Edge of V2X Communication Networks *		2022
182	NET-22-0182	Lightweight Multifactor Authentication Scheme for NextGen Cellular Networks		2022
183	NET-22-0183	A Framework for Policy Inconsistency Detection in SoftwareDefined Networks *		2022
184	NET-22-0184	When Machine Learning Meets Spectrum Sharing Security Methodologies and Challenges		2022
185	NET-22-0185	Adversarial Analysis of MLBased Anomaly Detection in MultiLayer Network Automation *		2022
186	NET-22-0186	Impulsive Synchronization Control Mechanism for FractionalOrder ComplexValued ReactionDiffusion Systems With SampledData Control Its Application to Image Encryption		2022
187	NET-22-0187	Machine Learning in NextG Networks via Generative Adversarial Networks *		2022
188	NET-22-0188	EnergyEfficient Resource Allocation for UAVAssisted Vehicular Networks With Spectrum Sharing *		2022

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S No	Wisen Code	IEEE Project Title	Discount	Year
189	NET-22-0189	A Deep Bidirectional LSTMGRU Network Model for Automated Ciphertext Classification		2022
190	NET-22-0190	Towards Secure and Intelligent Network Slicing for 5G Networks		2022
191	NET-22-0191	Overhead Reduction Technique for SoftwareDefined Network Based Intrusion Detection Systems		2022
192	NET-22-0192	EnergyEfficient Dynamic and Adaptive StateBased Scheduling EDASS Scheme for Wireless Sensor Networks *		2022
193	NET-22-0193	Multilevel Coding for PhysicalLayer Security *		2022
194	NET-22-0194	Back cover		2022
195	NET-22-0195	Internet of Intelligence A Survey on the Enabling Technologies Applications and Challenges *		2022
196	NET-22-0196	Exploiting Benefits of IRS in Wireless Powered NOMA Networks *		2022
197	NET-22-0197	Impact of PhaseNoise and Spatial Correlation on DoubleRISAssisted Multiuser MISO Networks		2022
198	NET-22-0198	Improvement of SCADABased Preventive Control Under Budget Constraints *		2022
199	NET-22-0199	Visual Tracking With Siamese Network Based on Fast Attention Network		2022
200	NET-22-0200	Enhanced Audit Bit Based Distributed Bayesian Detection in the Presence of Strategic Attacks *		2022
201	NET-22-0201	Intelligent OmniSurface Enhanced Aerial Secure Offloading *		2022
202	NET-22-0202	Efficient Anonymous Authentication for Wireless Body Area Networks		2022
203	NET-22-0203	Detection of Direct Sequence Spread Spectrum Signals Based on Deep Learning *		2022

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