***COMPUTER SCIENCE***

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| **CLOUD COMPUTING** | |
|  | A Flexible Privacy-Preserving Data Sharing Scheme in Cloud-assisted IoT |
|  | Authentication and Key Agreement Based on Anonymous Identity for Peer-to-Peer Cloud |
|  | Dual Access Control for Cloud-Based Data Storage and Sharing |
|  | Fast Secure and Anonymous Key Agreement against Bad Randomness for Cloud Computing |
|  | Fine-grained Query Authorization with Integrity Verification over Encrypted Spatial Data in Cloud Storage |
|  | Joint Pricing and Security Investment in Cloud Security Service Market with User Interdependency |
|  | Large-Universe Attribute-Based Encryption with Public Traceability for Cloud Storage |
|  | Match in My Way: Fine-Grained Bilateral Access Control for Secure Cloud-Fog Computing |
|  | Multi-Replica and Multi-Cloud Data Public Audit Scheme Based on Blockchain |
|  | Proactive Fault-Tolerance Technique to Enhance Reliability of Cloud Service in Cloud Federation Environment |
|  | Transferable Knowledge for Low-cost Decision Making in Cloud Environments |
| **NETWORK SECURITY** | |
|  | Adaptive Secure Nearest Neighbor Query Processing over Encrypted Data |
|  | BD-VTE: A Novel Baseline Data based Verifiable Trust Evaluation Scheme for Smart Network Systems |
|  | Privacy and Security Management in Intelligent Transportation System |
|  | Privacy-Preserving Federated Learning in Fog Computing |
|  | Privacy-Preserving Multidimensional Data Aggregation Scheme without Trusted Authority in Smart Grid |
|  | Privacy-Preserving Sub graph Matching Scheme with Authentication in Social Networks |
|  | Similarity-based and Sybil Attack Defended Community Detection for Social Networks. |
|  | Social Recruiter: Dynamic Incentive Mechanism for Mobile Crowdsourcing Worker Recruitment with Social Networks |
| **DATA MINING** | |
|  | Academic Performance Prediction Based on Multisource, Multifeature Behavioral Data |
|  | Answer Keyword Generation for Community Question Answering by Multi-aspect Gamma-Poisson Matrix Completion |
|  | Cloud Intrusion Detection Method Based on Stacked Contractive Auto-Encoder and Support Vector Machine |
|  | CorrAUC: a Malicious Bot-IoT Traffic Detection Method in IoT Network Using Machine Learning Techniques |
|  | Examining Successful Attributes for Undergraduate Students by Applying Machine Learning Techniques |
|  | Karst: Transactional Data Ingestion without Blocking on a Scalable Architecture |
|  | Learning Student Networks via Feature Embedding |
|  | Online Pricing with Reserve Price Constraint for Personal Data Markets |
|  | Understanding Citizens’ Emotional Pulse in a Smart City using Artificial Intelligence |
|  | WR-ELM: Weighted Regularization Extreme Learning Machine for Imbalance Learning in Software Fault Prediction |
| **MOBILE COMPUTING** | |
|  | Ad Sherlock: Efficient and Deployable Click Fraud Detection for Mobile Applications |
|  | Mobile Semantic-aware Trajectory for Personalized Location Privacy Preservation |
|  | Exploiting Multi-Dimensional Task Diversity in Distributed Auctions for Mobile Crowd sensing |
|  | Fine-Grained User Profiling for Personalized Task Matching in Mobile Crowd sensing |
|  | iTAM: Bilateral Privacy-Preserving Task Assignment for Mobile Crowd sensing |

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| **MACHINE LEARNING** | |
|  | Cloud Intrusion Detection Method Based on Stacked Contractive Auto-Encoder and Support Vector Machine |
|  | CorrAUC: a Malicious Bot-IoT Traffic Detection Method in IoT Network Using Machine Learning Techniques |
|  | Examining Successful Attributes for Undergraduate Students by Applying Machine Learning Techniques |
|  | Understanding Citizens’ Emotional Pulse in a Smart City using Artificial Intelligence |
|  | WR-ELM: Weighted Regularization Extreme Learning Machine for Imbalance Learning in Software Fault Prediction |
|  | DOF: A Demand-oriented Framework for Image Denoising |
|  | Facial Expression Recognition with Two-branch Disentangled Generative Adversarial Network |
| **DATA SCIENCE** | |
|  | Rain Prediction |
|  | Movie Recommendations |
|  | Sentimental analysis of Twitter and Amazon products |
|  | Uber user data analysis |
|  | Credit card fraud detection |
|  | Covid -19 data analysis |
|  | Fake News Detection |
|  | Stock prediction |
|  | Personality Prediction |
|  | Sports match video to text summarization using neural network |
|  | Image regeneration for old damaged reel picture⠀ |
|  | Music generation using deep learning |
|  | Image caption Generator |
|  | Recommeding system |
| **NATURAL LANGUAGE PROCESSING** | |
|  | A deep learning approach to integrate convolutional neural networks in speaker recognition |
|  | Voice to text |
|  | PDF to voice |
|  | chat Bot |
|  | Business meeting summary generation using NLP⠀ |
|  | Music classification |
|  | Search Autocorrect and Autocomplete |
|  | Language Translator |
|  | Grammer checker |
|  | Email filtering |
|  | Hiring and Recirment process |
|  | Survey Analysis |
|  | Target advertising |
|  | Social Meida Mointering (Twitter -> Products and movie review) |
|  | Next word Prediction |