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| **CLOUD COMPUTING** | | | | |
| **S.No** | **CODE** | **TITLE** | **YEAR** | |
| 01 | ITJCC01 | MetaSync: Coordinating Storage Across Multiple File Synchronization Services | June-2016 | |
| 02 | ITJCC02 | CDStore: Toward Reliable, Secure, and Cost-Efficient Cloud Storage via Convergent Dispersal | June-2016 | |
| 03 | ITJCC03 | Ensuring Cloud data reliability with minimum replication by proactive replica checking | May 2016 | |
| 04 | ITJCC04 | Cryptoleq: A Heterogeneous Abstract Machine for Encrypted and Unencrypted Computation | May 2016 | |
| 05 | ITJCC05 | Encrypted Data Management with Deduplication in Cloud Computing | May 2016 | |
| 06 | ITJCC06 | Dynamic and Public Auditing with Fair Arbitration for Cloud Data | May 2016 | |
| 07 | ITJCC07 | Publicly Verifiable Inner Product Evaluation over Outsourced Data Streams under Multiple Keys | May 2016 | |
| 08 | ITJCC08 | Identity-Based Proxy-Oriented Data Uploading and Remote Data Integrity Checking in Public Cloud | May 2016 | |
| 09 | ITJCC09 | A Multiqueue Interlacing Peak Scheduling Method Based on Tasks’ Classification in Cloud Computing | May 2016 | |
| 10 | ITJCC10 | SCLPV: Secure Certificateless Public Verification for Cloud-Based Cyber-Physical-Social Systems Against Malicious Auditors | May 2016 | |
| 11 | ITJCC11 | Self-Tuning Service Provisioning for Decentralized Cloud Applications | April 2016 | |
| 12 | ITJCC12 | DeyPoS: Deduplicatable Dynamic Proof of Storage for Multi-User Environments | April 2016 | |
| 13 | ITJCC13 | Dual-Server Public-Key Encryption with Keyword Search for Secure Cloud Storage | April 2016 | |
| 14 | ITJCC14 | SecRBAC: Secure data in the Clouds | April 2016 | |
| 15 | ITJCC15 | Protecting Your Right: Verifiable Attribute-based Keyword Search with Fine-grained Owner-enforced Search Authorization in the Cloud | April 2016 | |
| 16 | ITJCC16 | Multi-authority proxy re-encryption based on CPABE for cloud storage systems | April 2016 | |
| 17 | ITJCC17 | Theoretical Results of QoS-guaranteed Resource Scaling for Cloud-based MapReduce | April 2016 | |
| 18 | ITJCC18 | A Protocol for Preventing Insider Attacks in Untrusted Infrastructure-as-a-Service Clouds | April 2016 | |
| 19 | ITJCC19 | Cloud workflow scheduling with deadlines and time slot availability | April 2016 | |
| 20 | ITJCC20 | Automatically Enforcing Security SLAs in the Cloud | March 2016 | |
| 21 | ITJCC21 | Flexible and Fine-Grained Attribute-Based Data Storage in Cloud Computing | March 2016 | |
| 22 | ITJCC22 | EPAS: A Sampling Based Similarity Identification Algorithm for the Cloud | March 2016 | |
| 23 | ITJCC23 | Secure Data Sharing in Cloud Computing Using Revocable-Storage Identity-Based Encryption | March 2016 | |
| 24 | ITJCC24 | A Tutorial on Secure Outsourcing of Large-scale Computations for Big Data | March 2016 | |
| 25 | ITJCC25 | A Combinatorial Auction Mechanism for Multiple Resource Procurement in Cloud Computing | March 2016 | |
| 26 | ITJCC26 | Software-Defined Networking (SDN) and Distributed Denial of Service (DDoS) Attacks in Cloud Computing Environments: A Survey, Some Research Issues, and Challenges | March 2016 | |
| 27 | ITJCC27 | Privacy Preserving Ranked Multi-Keyword Search for Multiple Data Owners in Cloud Computing | March 2016 | |
| 28 | ITJCC28 | CloudArmor: Supporting Reputation-based Trust Management for Cloud Services | March 2016 | |
| 29 | ITJCC29 | Coral: a Cloud-Backed Frugal File System | March 2016 | |
| 30 | ITJCC30 | DiploCloud: Efficient and Scalable Management of RDF Data in the Cloud | March 2016 | |
| **DATA MINING** | | | | |
| 31 | ITJDM01 | Privacy-Preserving Utility Verification of the Data Published by Non-interactive Differentially Private Mechanisms | May 2016 | |
| 32 | ITJDM02 | Bilevel Feature Extraction-Based Text Mining for Fault Diagnosis of Railway Systems | May 2016 | |
| 33 | ITJDM03 | Integration of Personalized Healthcare Pathways in an ICT platform for Diabetes Management: a small-scale exploratory study | May 2016 | |
| 34 | ITJDM04 | Uncertainty Analysis for the Keyword System of Web Events | May 2016 | |
| 35 | ITJDM05 | Mining High Utility Patterns in One Phase without Generating Candidates | May 2016 | |
| 36 | ITJDM06 | On Learning of Choice Models with Interactive Attributes | May 2016 | |
| 37 | ITJDM07 | Ontology-Based Search of Genomic Metadata | May 2016 | |
| 38 | ITJDM08 | Multi-Modal Event Topic Model for Social Event Analysis | May 2016 | |
| 39 | ITJDM09 | Answering Approximate Queries over XML Data | May 2016 | |
| 40 | ITJDM10 | Microblog Dimensionality Reduction – A Deep Learning Approach | April 2016 | |
| 41 | ITJDM11 | Fine-Grained Image Classification via Low-Rank Sparse Coding With General and Class-Specific Codebooks | April 2016 | |
| 42 | ITJDM12 | Irregular indeterminate repeated facts in Temporal Relational Databases | April 2016 | |
| 43 | ITJDM13 | Similarity Group-by Operators for Multi-dimensional Relational Data | April 2016 | |
| 44 | ITJDM14 | Survey on Aspect-Level Sentiment Analysis | April 2016 | |
| 45 | ITJDM15 | Speeding-Up Association Rule Mining With Inverted Index Compression | March 2016 | |
| 46 | ITJDM16 | A Social Influence Approach for Group User Modeling in Group Recommendation Systems | March 2016 | |
| 47 | ITJDM17 | Unsupervised Many-to-Many Object Matching for Relational Data | March 2016 | |
| 48 | ITJDM18 | User Recommender System Based on Knowledge, Availability, and Reputation From Interactions in Forums | March 2016 | |
| 49 | ITJDM19 | Assessing anti-depressants using intelligent data monitoring and mining of online fora | March 2016 | |
| 50 | ITJDM20 | Privacy-Preserving Patient-Centric Clinical Decision Support System on Naive Bayesian Classification | March 2016 | |
| **NETWORKING** | | | | |
| 51 | ITJNW01 | The Role of Information in Distributed Resource Allocation | May-2016 | |
| 52 | ITJNW02 | A Survey of Data Mining and Machine Learning Methods for Cyber Security Intrusion Detection | May-2016 | |
| 53 | ITJNW03 | An Exact Algorithm for the Shortest Path Problem With Position-Based Learning Effects | May-2016 | |
| 54 | ITJNW04 | Adaptively Secure Broadcast Encryption With Constant Cipher texts | April-2016 | |
| 55 | ITJNW05 | Overlay Automata and Algorithms for Fast and Scalable Regular Expression Matching | April-2016 | |
| 56 | ITJNW06 | Contributory Broadcast Encryption with Efficient Encryption and Short Ciphertexts | April-2016 | |
| 57 | ITJNW07 | Attribute-based Access Control for ICN Naming Scheme | April-2016 | |
| 58 | ITJNW08 | A Survey of Man In The Middle Attacks | March-2016 | |
| 59 | ITJNW09 | Resolving Multi-party Privacy Conflicts in Social Media | March-2016 | |
| 60 | ITJNW10 | Private and Verifiable Interdomain Routing Decisions | March-2016 | |
| **NETWORK SECURITY** | | | | |
| 61 | ITJNS01 | Group Secret Key Generation in Wireless Networks: Algorithms and Rate Optimization | August-2016 | |
| 62 | ITJNS02 | Local Community Mining on Distributed and Dynamic Networks From a Multiagent Perspective | May-2016 | |
| 63 | ITJNS03 | Private Over-threshold Aggregation Protocols over Distributed Datasets | May-2016 | |
| 64 | ITJNS04 | Data Lineage in Malicious Environments | April-2016 | |
| 65 | ITJNS05 | Risk Assessment in Social Networks based on User Anomalous Behaviours | April-2016 | |
| 66 | ITJNS06 | Adaptively Secure Broadcast Encryption With Constant Ciphertexts | April-2016 | |
| 67 | ITJNS07 | PROVEST: Provenance-based Trust Model for Delay Tolerant Networks | April-2016 | |
| 68 | ITJNS08 | How Socially Aware Are Social Media Privacy Controls | March-2016 | |
| 69 | ITJNS09 | Software Security, Privacy and Dependability: Metrics and Measurement | March-2016 | |
| 70 | ITJNS10 | Botnet Detection based on Anomaly and Community Detection | Feb-2016 | |
| **SOFTWARE ENGINEERING** | | | | |
| 71 | ITJSW01 | Synchronizing Files from a Large Number of Insertions and Deletions | April-2016 | |
| 72 | ITJSW02 | DeveloperMicro Interaction Metrics for Software Defect Prediction | April-2016 | |
| 73 | ITJSW03 | Automatic Source Code Summarization of Context for Java Methods | March-2016 | |
| **MOBILE COMPUTING** | | | | |
| 74 | ITJMC01 | Understanding Social Causalities Behind Human Action Sequences | May-2016 | |
| 75 | ITJMC02 | A Multilevel Access Control Scheme for Data Security in Transparent Computing | May-2016 | |
| 76 | ITJMC03 | Social Network De-Anonymization Under Scale-Free User Relations | April-2016 | |
| 77 | ITJMC04 | Structural Data De-Anonymization: Theory and Practice | March-2016 | |
| 78 | ITJMC05 | On-the-Fly Nearest Shelter Computation in Event-Dependent Spatial Networks in Disasters | March-2016 | |
| **IMAGE PROCESSING** | | | | |
| 79 | ITJIM01 | Optimized Multioperator Image Retargeting Based on Perceptual Similarity Measure | May-2016 | |
| 80 | ITJIM02 | Rank-Based Image Watermarking Method With High Embedding Capacity and Robustness | April-2016 | |
| 81 | ITJIM03 | Real-time Semantic Search using Approximate Methodology for Large-scale Storage Systems | April-2016 | |
| 82 | ITJIM04 | Sparse Contextual Activation for Efficient Visual Re-ranking | March-2016 | |
| 83 | ITJIM05 | Reversible Data Hiding in Encrypted Images by Reversible Image Transformation | March-2016 | |
| 84 | ITJIM06 | Online Multi-modal Distance Metric Learning with Application to Image Retrieval | March-2016 | |
| 85 | ITJIM07 | On the Security of Permutation-Only Image Encryption Schemes | Feb-2016 | |
| 86 | ITJIM08 | Adaptive Reversible Data Hiding by Extending the Generalized Integer Transformation | Feb-2016 | |
| **GRID COMPUTING** | | | | |
| 87 | ITJGC01 | A Lightweight Authenticated Communication Scheme for Smart Grid | | April-2016 |
| **MULTIMEDIA** | | | | |
| 88 | ITJMM01 | Democratic Diffusion Aggregation for Image Retrieval | | May-2016 |
| 89 | ITJMM02 | A Locality Sensitive Low-Rank Model for Image Tag Completion | | March-2016 |
| 90 | ITJMM03 | User-Service Rating Prediction by Exploring Social Users’ Rating Behaviors | | March-2016 |