

CODE	TOPICS	FIELD
IITech01	Catch You if You Misbehave: Ranked Keyword Search Results Verification in Cloud Computing	IEEE-2018 Cloud Computing
IITech02	Fast and Reliable Restoration Method of Virtual Resources on Open Stack	
IITech03	Space-Efficient Verifiable Secret Sharing Using Polynomial Interpolation	
IITech04	Three-Server Swapping for Access Confidentiality	
IITech05	Towards Privacy Preserving Publishing of Set-Valued Data on Hybrid Cloud	
IITech06	A Lightweight Secure Data Sharing Scheme for Mobile Cloud Computing	
IITech07	Translating Algorithms to Handle Fully Homomorphic Encrypted Data on the Cloud	
IITech08	Chaotic Searchable Encryption for Mobile Cloud Storage	
IITech09	Efficient Skew Handling for Outer Joins in a Cloud Computing Environment	
IITech10	Translating Algorithms to Handle Fully Homomorphic Encrypted	
IITech11	A Three-Layer Privacy Preserving Cloud Storage Scheme Based on Computational Intelligence in Fog Computing	
IITech12	Achieving Secure and Efficient Dynamic Searchable Symmetric Encryption over Medical Cloud Data	
IITech13	An Efficient and Privacy-Preserving Biometric Identification Scheme in Cloud Computing	
IITech14	An Efficient Ranked Multi-Keyword Search for Multiple Data Owners Over Cloud Data	
IITech15	Cloud Log Assuring Soundness and Secrecy Scheme for Cloud Forensics	
IITech16	Division and Replication of Data in Cloud for Optimal Performance and Security	
IITech17	Efficient and Expressive Keyword Search over Encrypted Data in Cloud	

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IITech18	Efficient Fine-Grained Data Sharing Mechanism for Electronic Medical Record Systems with Mobile Devices	IEEE-2018 Cloud Computing
IITech19	Efficient Traceable Authorization Search System for Secure Cloud Storage	
IITech20	Fine-Grained Two-Factor Protection Mechanism for Data Sharing in Cloud Storage	
IITech21	Inference Attack-Resistant E-Healthcare Cloud System with Fine Grained Access Control	
IITech22	Lightweight and Privacy-Preserving Delegatable Proofs of Storage with Data Dynamics in Cloud Storage	
IITech23	Privacy Preservation for Outsourced Medical Data With Flexible Access Control	
IITech24	Privacy Protection and Intrusion Avoidance for Cloudlet-based Medical Data Sharing	
IITech25	Provably Secure Fine-Grained Data Access Control over Multiple Cloud Servers in Mobile Cloud Computing Based Healthcare Applications	
IITech26	Secure and Efficient Attribute-Based Access Control for Multiauthority Cloud Storage	
IITech27	Secure Data Group Sharing and Dissemination with Attribute and Time Conditions in Public Cloud	
IITech28	SeSPHR: A Methodology for Secure Sharing of Personal Health Records in the Cloud	
IITech29	Towards Privacy-preserving Content-based Image Retrieval in Cloud Computing	
IITech30	Audit-Free Cloud Storage via Deniable Attribute-based Encryption	
IITech31	CLASS: Cloud Log Assuring Soundness and Secrecy Scheme for Cloud Forensics	
IITech32	Combining Data Owner-side and Cloud-side Access Control for Encrypted Cloud Storage	
IITech33	Crypt-Cloud: Secure and Expressive Data Access Control for Cloud Storage	

CODE	TOPICS	FIELD
IITech34	A Comprehensive Study on Social Network Mental Disorders Detection via Online Social Media Mining	IEEE-2018 Data Mining
IITech35	Learning Multiple Factors-Aware Diffusion Models in Social Networks	
IITech36	Multi-Instance Learning with Discriminative Bag Mapping	
IITech37	Profit Maximization for Viral Marketing in Online Social Networks: Algorithms and Analysis	
IITech38	Reverse k nearest Neighbor Search over Trajectories	
IITech39	Structure Based User Identification across Social Networks	
IITech40	Supervised Topic Modeling Using Hierarchical Dirichlet Process-Based Inverse Regression: Experiments on E-Commerce Applications	
IITech41	Web Media and Stock Markets: A Survey and Future Directions from a Big Data Perspective	
IITech42	Efficient Parameter Estimation for Information Retrieval Using Black-Box Optimization	
IITech43	Exploring Hierarchical Structures for Recommender Systems Product Adoption Rate Prediction in a Competitive Market	
IITech44	Range Queries on Multi-Attribute Trajectories	
IITech45	Search Result Diversity Evaluation Based on Intent Hierarchies	
IITech46	Health Monitoring on Social Media over Time	
IITech47	On Generalizing Collective Spatial Keyword Queries	
IITech48	Online Product Quantization	
IITech49	When to Make a Topic Popular Again? A Temporal Model for Topic Re-hotting Prediction in Online Social Networks	
IITech50	Privacy Characterization and Quantification in Data Publishing	
IITech51	CoDetect: Financial Fraud Detection With Anomaly Feature Detection	

CODE	TOPICS	FIELD
IITech52	A Comprehensive Study on Social Network Mental Disorders Detection via Online Social Media Mining	IEEE 2018 Machine Learning
IITech53	A Credibility Analysis System for Assessing Information on Twitter	
IITech54	A Novel Machine Learning Algorithm for Spammer Identification in Industrial Mobile Cloud Computing	
IITech55	Credit Card Fraud Detection Using AdaBoost and Majority Voting	
IITech56	Hate Speech on Twitter: A Pragmatic Approach to Collect Hateful and Offensive Expressions and Perform Hate Speech Detection	
IITech57	Performance Comparison of Support Vector Machine, Random Forest, and Extreme Learning Machine for Intrusion Detection	
IITech58	Supervised and Unsupervised Aspect Category Detection for Sentiment Analysis With Co-Occurrence Data	
IITech59	Using Data Mining to Predict Hospital Admissions From the Emergency Department	
IITech60	Energy Efficient Link-Delay Aware Routing in Wireless Sensor Networks	
IITech61	GeTrust: A guarantee-based trust model in Chord-based P2P networks	
IITech62	PROVEST: Provenance-based Trust Model for Delay Tolerant Networks	
IITech63	Traffic and Energy Aware Routing for Heterogeneous Wireless Sensor Networks	
IITech64	Immutable Authentication and Integrity Schemes for Outsourced Databases	
IITech65	Accurate Recovery of Internet Traffic Data: A Sequential Tensor Completion Approach	
IITech66	Distributed Packet Forwarding and Caching Based on Stochastic Network Utility Maximization	
IITech67	Attack Vulnerability of Power Systems under an Equal Load Redistribution Model	
IITech68	On the Efficiency of FHE-Based Private Queries	
IITech69	End-to-End Detection of Caller ID Spoofing Attacks	

CODE	TOPICS	FIELD
IITech70	Design, Analysis, and Implementation of ARPKI: An Attack-Resilient Public-Key Infrastructure	IEEE 2018 Network Security
IITech71	On the Efficiency of FHE-Based Private Queries	
IITech72	PDA: Semantically Secure Time-Series Data Analytics with Dynamic User Groups	
IITech73	Shadow Attacks Based on Password Reuses: A Quantitative Empirical Analysis	
IITech74	A Shoulder Surfing Resistant Graphical Authentication System	
IITech75	Randomness Tests in Hostile Environments	
IITech76	A System Theoretic Approach to the Security Threats in Cyber Physical Systems Applied to Stuxnet	
IITech77	Efficient and Expressive Keyword Search over Encrypted Data in Cloud	
IITech78	Searchable Encryption over Feature-Rich Data	
IITech79	Recurring Contacts between Groups of Devices: Analysis and Application	IEEE2018 Mobile Computing
IITech80	Energy Efficiency Maximization in Mobile Wireless Energy Harvesting Sensor Networks	
IITech81	Energy-Aware Dual-Path Geographic Routing to Bypass Routing Holes in Wireless Sensor Networks	
IITech82	SLIDE: A Straight Line Conflict Detection and Alerting Algorithm for Multiple Unmanned Aerial Vehicles	
IITech83	A Predictive Model for User Motivation and Utility Implications of Privacy-Protection Mechanisms in Location Check-Ins	
IITech84	Motivating Human-Enabled Mobile Participation for Data Offloading	
IITech85	Two-Hop Distance-Bounding Protocols: Keep Your Friends Close	
IITech86	SLAC: Calibration-Free Pedometer-Fingerprint Fusion for Indoor Localization	

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IITech87	An Efficient Bit-Detecting Protocol for Continuous Tag Recognition in Mobile RFID Systems	IEEE 2018 Mobile Computing
IITech88	Sensor-Assisted Multi-View Face Recognition System on Smart Glass	
IITech89	Distributed Faulty Node Detection in Delay Tolerant Networks: Design and Analysis	
IITech90	Efficient Privacy-Aware Authentication Scheme for Mobile	
IITech91	Identifying On-site Users for Social Events: Mobility, Content, and Social Relationship	
IITech92	Protecting Location Privacy for Task Allocation in Ad Hoc Mobile Cloud Computing	
IITech93	A Hybrid Approach for Detecting Automated Spammers in Twitter	IEEE2018 Secure Computing
IITech94	A Provably-Secure Cross-Domain Handshake Scheme with Symptoms-Matching for Mobile Healthcare Social Network	
IITech95	Anonymization of Sensitive Quasi-Identifiers for l-Diversity and t-Closeness	
IITech96	Collective Data-Sanitization for Preventing Sensitive Information Inference Attacks in Social Networks	
IITech97	Exploiting Social Network to Enhance Human-to-Human Infection Analysis without Privacy Leakage	
IITech98	An Approach to Biometric Identification by Using Low-Frequency Eye Tracker	
IITech99	Relevant Feedback Based Accurate and Intelligent Retrieval on Capturing User Intention for Personalized Websites	
IITech100	A Three-Level Hidden Bayesian Link Prediction Model in Social Networks	IEEE 2018 Social Networking
IITech101	Analyzing and Detecting Money-Laundering Accounts in Online Social Networks	
IITech102	Detection of suicide-related posts in Twitter data	
IITech103	Risk Assessment in Social Networks based on User Anomalous Behaviors	
IITech104	Segregating Spammers and Unsolicited Bloggers from Genuine Experts on Twitter	

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II Tech-105	Cloud-based Fine-grained Health Information Access Control Framework for Lightweight IoT Devices with Dynamic Auditing and Attribute Revocation	IEEE 2018 IOT
II Tech-106	Light-Weight Security and Data Provenance for Multi-Hop Internet of Things	
II Tech-107	MDS Clone: Multidimensional Scaling Aided Clone Detection in Internet of Things	