



## 2014 IEEE DOTNET PROJECT TITLES

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|-------------------------|---|
| <b>DATAMINING</b>       |   |
| 1                       | A Cocktail Approach for Travel Package Recommendation   |
| 2                       | An Empirical Performance Evaluation Of Relational Keyword Search Systems *  |
| 3                       | LARS*: An Efficient and Scalable Location-Aware Recommender System  |
| 4                       | Product Aspect Ranking and Its Applications   |
| 5                       | Secure Mining of Association Rules in Horizontally Distributed Databases  |
| 6                       | Supporting Privacy Protection in Personalized Web Search  |
| 7                       | Typicality-Based Collaborative Filtering Recommendation   |
| 8                       | Web Image Re-Ranking Using Query-Specific Semantic Signatures-C   |
| 9                       | Keyword Query Routing-C   |
| 10                      | Demand Bidding Program and Its Application in Hotel Energy Management-C   |
| <b>CLOUD COMPUTING</b>  |   |
| 11                      | Balancing Performance, Accuracy, and Precision for Secure Cloud Transactions  |
| 12                      | Building Confidential and Efficient Query Services in the Cloud with RASP Data Perturbation                                 |
| 13                      | Consistency as a Service: Auditing Cloud Consistency *  |
| 14                      | Decentralized Access Control with Anonymous Authentication of Data Stored in Clouds   |
| 15                      | Distributed, Concurrent, and Independent Access to Encrypted Cloud Databases  |
| 16                      | Enabling Data Integrity Protection in Regenerating-Coding-Based Cloud Storage: Theory and Implementation                    |
| 17                      | Identity-Based Distributed Provable Data Possession in Multi-Cloud Storage *  |
| 18                      | Key-Aggregate Cryptosystem for Scalable Data Sharing in Cloud Storage   |
| 19                      | Panda: Public Auditing for Shared Data with Efficient User Revocation in the Cloud *  |
| 20                      | Privacy-Preserving Multi-Keyword Ranked Search over Encrypted Cloud Data  |
| 21                      | Scalable Distributed Service Integrity Attestation for Software-as-a-Service Clouds   |
| 22                      | A Scientometric Analysis of Cloud Computing Literature-C  |
| 23                      | A Mechanism Design Approach to Resource Procurement in Cloud Computing-C  |
| 24                      | Achieving Effective Cloud Search Services: Multi-keyword Ranked Search over Encrypted Cloud Data Supporting Synonym Query-C |
| <b>MOBILE COMPUTING</b> |   |
| 25                      | A QoS-Oriented Distributed Routing Protocol for Hybrid Wireless Networks  |
| 26                      | Autonomous Mobile Mesh Networks   |
| 27                      | DA-Sync: A Doppler-Assisted Time-Synchronization Scheme for Mobile Underwater Sensor Networks                               |
| 28                      | Leveraging Social Networks for P2P Content-Based File Sharing in Disconnected MANETs  |
| 29                      | Preserving Location Privacy in Geo social Applications  |
| 30                      | Key logging-resistant Visual Authentication Protocols-C   |
| <b>NETWORKING</b>       |   |
| 31                      | Content Caching and Scheduling in Wireless Networks With Elastic and Inelastic Traffic                                      |
| 32                      | Secure Data Retrieval for Decentralized Disruption-Tolerant Military Networks   |
| 33                      | Cooperation Versus Multiplexing: Multicast Scheduling Algorithms for OFDMA Relay Networks-C                                 |
| 34                      | Designing Truthful Spectrum Double Auctions with Local Markets-C  |
| 35                      | D2P: Distributed Dynamic Pricing Policy in Smart Grid for PHEVs Management-C  |



## IMAGE PROCESSING

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| 36 | Click Prediction for Web Image Reranking Using Multimodal Sparse Coding   |
| 37 | Designing an Efficient Image Encryption-Then Compression System via Prediction Error Clustering and Random Permutation                              |
| 38 | Localization of License Plate Number Using Dynamic Image Processing Techniques And Genetic Algorithms-C   |
| 39 | An Iranian License Plate Recognition System Based on Color Features-C   |
| 40 | Offline Text-Independent Writer Identification Based on Scale Invariant Feature Transform-C   |
| 41 | Fingerprint Compression Based on Sparse Representation-C  |
| 42 | Modeling of Speaking Rate Influences on Mandarin Speech Prosody and Its Application-C   |
| 43 | LBP-Based Edge-Texture Features for Object Recognition-C  |
| 44 | A Compressive Sensing based Secure Watermark Detection and Privacy Preserving Storage Framework-C   |
| 45 | Toward Experiential Mobile Media Processing-C   |
| 46 | Quality Assessment of Stereoscopic 3D Image Compression by Binocular Integration Behaviors-C  |
| 47 | Corruptive Artifacts Suppression for Example-Based Color Transfer-C   |
| 48 | Weighted KPCA Degree of Homogeneity Amended Nonclassical Receptive Field Inhibition Model for Salient Contour Extraction in Low-Light-Level Image-C |
| 49 | Single-Image Super resolution of Natural Stochastic Textures Based on Fractional Brownian Motion-C  |
| 50 | Model-Based Edge Detector for Spectral Imagery Using Sparse Spatiospectral Masks-C  |
| 51 | How to Estimate the Regularization Parameter for Spectral Regression Discriminate Analysis and its Kernel Version?-C                                |
| 52 | A New Iterative Triclass Threshold Technique in Image Segmentation-C  |
| 53 | Image Classification Using Multistage Information Fusion Based on Saliency Driven Nonlinear Diffusion Filtering-C                                   |
| 54 | Photometric Stereo Using Sparse Bayesian Regression for General Diffuse Surfaces-C  |
| 55 | Sharing Visual Secrets in Single Image Random Dot Stereogram-C  |

## PARALLEL & DISTRIBUTED SYSTEMS

|    |   |
|----|---|
| 56 | A Probabilistic Misbehavior Detection Scheme towards Efficient Trust Establishment in Delay-tolerant Networks |
| 57 | A System for Denial-of-Service Attack Detection Based on Multivariate Correlation Analysis                    |
| 58 | An Error-Minimizing Framework for Localizing Jammers in Wireless Networks                                     |
| 59 | Certificate less Remote Anonymous Authentication Schemes for Wireless Body Area Networks                      |
| 60 | Efficient Data Query in Intermittently-Connected Mobile Ad Hoc Social Networks                                |
| 61 | Multicast Capacity in MANET with Infrastructure Support   |
| 62 | Secure and Efficient Data Transmission for Cluster-based Wireless Sensor Networks                             |
| 63 | Transmission-Efficient Clustering Method for Wireless Sensor Networks Using Compressive Sensing               |
| 64 | Privacy-Preserving Multi-keyword Ranked Search over Encrypted Cloud Data-C                                    |
| 65 | Exploiting Service Similarity for Privacy in Location Based Search Queries-C                                  |
| 66 | Behavior Rule Specification-based Intrusion Detection for Safety Critical Medical Cyber Physical Systems-C    |
| 67 | Uniform Embedding for Efficient JPEG Stenography-C  |
| 68 | An Ontology-Based Hybrid Approach to Activity Modeling for Smart Homes-C                                      |

## SECURE COMPUTING

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| 69 | Captcha as Graphical Passwords—A New Security Primitive Based on Hard AI Problems |
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