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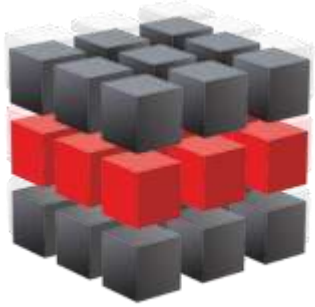

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CHENNAI – PONDICHERRY

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PROJECT TITLES IEEE 2019-2020

IEEE LIST - 2019

1. Security Analysis of a Certificateless Provable Data Possession Scheme in Cloud
   Year: 2019 | Volume: 7 | Journal Article | Publisher: IEEE
2. Research on Intelligence Computing Models of Fine-Grained Opinion Mining in Online Reviews
   Published in: IEEE Access (Volume: 7)
3. Secure and energy efficient data aggregation method – MSACCESS DATABASE
   IEEE Access | Year: 2019 | Volume: 7
4. Input Feature Selection Method Based on Feature Set Equivalence and Mutual Information Gain Maximization
   IEEE Access17 October 2019
5. Data hiding for ensuring the quality of the host image and the security of the message
   Published in: IEEE Access (Volume: 7), 2019.
6. Locating multiple license plates using scale, rotation, and colour-independent clustering and filtering techniques– DOTNET VS2013
   IET Image Processing year: 17 october 2019
7. An Evaluation of Bitcoin Address Classification based on Transaction History Summarization
8. Training Back Propagation Neural Networks in Map-Reduce on High-Dimensional Big Datasets with Global Evolution
   Published in: IEEE Access, (Volume: 7), 2019.
9. Real-Time Detection of Apple Leaf Diseases Using Deep Learning Approach Based on Improved Convolutional Neural Network
   IEEE Access year: 06 may 2019
10. Challenges and Recommended Solutions in Multi-Source and Multi-Domain Sentiment Analysis IEEE access 03 oct 2019
11. Customer Reviews Analysis with Deep Neural Networks for E-Commerce Recommender Systems

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Published in: IEEE Access (Volume: 7), 2019.

12. A Data-Driven Approach for Accurate Rainfall Prediction - IEEE access 10 july 2017
13. A Document Ranking Method with Query - Related Web Context
    Published in: IEEE Access (Volume: 7), 2019.
14. Commutative Encryption and Data Hiding in HEVC Video Compression
    Published in: IEEE Access (Volume: 7), 2019
15. A SQL Injection Detection Method Based on Adaptive Deep Forest
    Published in: IEEE Access (Volume: 7), 2019
16. Enhancing User Experience of Task Assignment in Spatial Crowdsourcing: A Self-Adaptive Batching Approach
    Published in: IEEE Access (Volume: 7), 2019
17. Survey on Prediction of Smartphone Virality Using Twitter Analytics
    A Multiple Regression Approach for Traffic Flow Estimation IEEE access.
18. Secure Protocol for Identity-based Provable Data Possession in Cloud Storage.
19. Challenges and Recommended Solutions in Multi-Source and Multi-Domain Sentiment Analysis.

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CLOUD COMPUTING

1. V-Matrix-Based Scalable Data Aggregation Scheme in WSN.
2. Dynamic Demand Prediction and Allocation in Cloud Service Brokerage.
3. Towards AI-Powered Multiple Cloud Management.
4. A Fog-centric Secure Cloud Storage Scheme.
5. A New Encrypted Data Switching Protocol: Bridging IBE and ABE Without Loss of Data Confidentiality
6. An Attribute-Based Controlled Collaborative Access Control Scheme for Public Cloud Storage

7. CHARON: A Secure Cloud-of-Clouds System for Storing and Sharing Big Data
8. Crypt-DAC: Cryptographically Enforced Dynamic Access Control in the Cloud
9. Design of Secure Authenticated Key Management Protocol for Cloud Computing Environments
10. Fast Boolean Queries With Minimized Leakage for Encrypted Databases in Cloud Computing
11. FS-PEKS: Lattice-based Forward Secure Public-key Encryption with Keyword Search for Cloud-assisted Industrial Internet of Things.
12. Secure Data Group Sharing and Conditional Dissemination with Multi-Owner in Cloud Computing
13. The Soft Underbelly of Cloud Security
14. Verifiable and Multi-Keyword Searchable Attribute-Based Encryption Scheme for Cloud Storage

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CLOUD COMPUTING

15. Delegated Authorization Framework for HER Services using Attribute Based Encryption

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16. A Secure Searchable Encryption Framework for Privacy-Critical Cloud Storage Services
17. Data Integrity Auditing without Private Key Storage for Secure CloudStorage
18. Enabling Identity-Based Integrity Auditing and Data Sharing With Sensitive Information Hiding for Secure Cloud Storage
19. Privacy-Preserving Multi-keyword Top-k Similarity Search Over Encrypted Data

20. Provably Secure Fine-Grained Data Access Control over Multiple Cloud Servers in Mobile Cloud Computing Based Healthcare Applications
21. Revocable Identity-Based Broadcast Proxy Re-encryption for Data Sharing in Clouds
22. Secure Phrase Search for Intelligent Processing of Encrypted Data in Cloud-Based IoT
23. Towards Achieving Keyword Search over Dynamic Encrypted Cloud Datawith Symmetric-Key Based Verification
24. A Distributed Trust Evaluation Protocol with Privacy Protection for Intercloud
25. A Secure G-Cloud-Based Framework for Government Healthcare Services
26. A Modified Hierarchical Attribute-Based Encryption Access Control Method for Mobile Cloud Computing
27. A Secure Searchable Encryption Framework for Privacy-Critical Cloud Storage Services
28. Hybrid Keyword-Field Search with Efficient Key Management for Industrial Internet of Things
29. An Attribute-based Controlled Collaborative Access Control Scheme for Public Cloud Storage
30. Crypt-DAC: Cryptographically Enforced Dynamic Access Control in the Cloud
31. Delegated Authorization Framework for HER Services using Attribute Based Encryption
32. Dynamic Multi-Keyword Ranked Search Based on Bloom Filter Over Encrypted Cloud Data
33. Enabling Authorized Encrypted Search for Multi-Authority Medical Databases

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34. Enabling Identity-Based Integrity Auditing and Data Sharing WithSensitive Information Hiding for Secure Cloud Storage
35. Enabling Verifiable and Dynamic Ranked Search Over OutsourcedData
36. Fuzzy Identity-Based Data Integrity Auditing for Reliable CloudStorage Systems
37. Hidden Ciphertext Policy Attribute-Based Encryption With FastDecryption for Personal Health Record System
38. P-MOD: Secure Privilege-Based Multilevel Organizational DataSharing in Cloud Computing
39. Privacy-Preserving Attribute-Based Keyword Search in SharedMulti-owner Setting
40. Privacy-Preserving Multi-keyword Top-k Similarity Search OverEncrypted Data
41. Profit Maximization for Cloud Brokers in Cloud Computing
42. Provable Data Possession with Outsourced Data Transfer
43. Provably Secure Fine-Grained Data Access Control over Multiple Cloud Servers in Mobile Cloud Computing Based Healthcare Applications
44. Revocable Identity-Based Broadcast Proxy Re-encryption for Data Sharing in Clouds
45. Secure Data Group Sharing and Conditional Dissemination with Multi-Owner in Cloud Computing
46. Privacy Preserving Searchable Encryption with Fine-grained Access Control
47. Secure Phrase Search for Intelligent Processing of Encrypted Data in Cloud-Based IoT
48. Towards Achieving Keyword Search over Dynamic Encrypted Cloud Data with Symmetric-Key Based Verification.
49. Trustworthy Delegation toward Securing Mobile HealthcareCyber-Physical Systems.

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50. Enabling Authorized Encrypted Search for Multi-Authority Medical Databases.
51. Privacy-Preserving Attribute-Based Keyword Search in Shared Multiowner.
52. Privacy-Preserving Multi-keyword Top-k Similarity Search Over Encrypted Data.

DATA MINING

1. A Novel Load Image Profile-Based Electricity Load Clustering Methodology.
2. Predicting the Impact of Android Malicious Samples via Machine Learning.
3. Network Representation Learning Enhanced Recommendation Algorithm
4. DCCR: Deep Collaborative Conjunctive Recommender for Rating Prediction
5. Motion Based Inference of Social Circles via Self-Attention and Contextualized Embedding.
6. Composition Context-Based Web Services Similarity Measure.
7. Neural Binary Representation Learning for Large-Scale Collaborative Filtering.
8. Clustering-Based Collaborative Filtering Using an Incentivized/Penalized User Model.
9. A Hierarchical Attention Model for Social Contextual Image Recommendation.
10. Visualizing Three-Dimensional Ocean Eddies in Web Browsers.
11. A Query-based Framework for Searching, Sorting, and Exploring Data Ensembles.
12. BD2K Training Coordinating Center's ERuDIte: the Educational Resource Discovery Index.

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13. A Particle Swarm Optimized Learning Model of Fault Classification in Web-Apps
14. Mining Users Trust From E-Commerce Reviews Based on Sentiment Similarity Analysis.
15. Old and Young Users' White Space Preferences for Online News Web Pages.
16. A Generalized Locally Linear Factorization Machine with Supervised Variational Encoding.
17. Analysis and Accurate Prediction of User's Response Behavior in Incentive-Based Demand.

DATA MINING

18. A Hybrid E-learning Recommendation Approach Based on Learners' Influence Propagation.
19. Heterogeneous Information Network Embedding for Recommendation.
20. Hierarchical Multi-Clue Modelling for POI Popularity Prediction with Heterogeneous Tourist Information.
21. Peer Prediction Based Trustworthiness Evaluation and Trustworthy Service Rating in Social Networks
22. Privacy-Preserving Social Media Data Publishing for Personalized Ranking-Based Recommendation
23. Predicting Consumption Patterns with Repeated and Novel Events
24. Trust Relationship Prediction in Alibaba E-Commerce Platform
25. Achieving Data Truthfulness and Privacy Preservation in Data Markets
26. Active Online Learning for Social Media Analysis to Support Crisis Management
27. An Efficient Method for High Quality and Cohesive Topical Phrase Mining
28. Ant Colony Stream Clustering: A Fast Density Clustering Algorithm for Dynamic Data Streams

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29. Collaboratively Tracking Interests for User Clustering in Streams of Short Texts
30. Detecting Pickpocket Suspects from Large-Scale Public Transit Records
31. Finding Optimal Skyline Product Combinations under Price Promotion
32. Heterogeneous Information Network Embedding for Recommendation
33. Hierarchical Multi-Clue Modelling for POI Popularity Prediction with Heterogeneous Tourist Information
34. Learning Customer Behaviors for Effective Load Forecasting
35. l-Injection: Toward Effective Collaborative Filtering Using
36. Uninteresting Items
37. Multi-Party High-Dimensional Data Publishing under Differential Privacy
38. Normalization of Duplicate Records from Multiple Sources
39. Privacy-Preserving Social Media Data Publishing for Personalized Ranking-Based Recommendation
40. Secure and Efficient Skyline Queries on Encrypted Data

MACHINE LEARNING

41. A Novel Machine Learning Algorithm for Spammer Identification in Industrial Mobile Cloud Computing
42. Competitive Bike: Competitive Analysis and Popularity Prediction of Bike-Sharing Apps Using Multi-Source Data
43. Discovering the Type 2 Diabetes in Electronic Health Records using the Sparse Balanced Support Vector Machine
44. Location Inference for Non-geotagged Tweets in User Timelines
45. Privacy-Preserving Social Media Data Publishing for Personalized Ranking-Based Recommendation
46. SentiDiff: Combining Textual Information and Sentiment DiffusionPatterns for Twitter Sentiment Analysis
47. Sentiment Classification using N-gram IDF and Automated MachineLearning
48. Serendipity—A Machine-Learning Application for Mining Serendipitous Drug Usage from Social Media
49. Spammer Detection and Fake User Identification on Social Networks

50. Crop Yield Prediction and Efficient use of Fertilizers
51. Mining Users Trust From E-Commerce Reviews Based on SentimentSimilarity Analysis

SECURE COMPUTING

1. Traffic Analysis Attack for Identifying Users' Online Activities.
2. Coverless Information Hiding Method Based on Web Text.
3. Automated Decision Making in Airport Checkpoints: Bias Detection Toward Smarter Security and Fairness.
4. A Lightweight Privacy-Preserving CNN Feature Extraction Framework for Mobile Sensing
5. LBOA: Location-Based Secure Outsourced Aggregation in IoT.
6. Looking Back! Using Early Versions of Android Apps as Attack Vectors.
7. Towards Thwarting Template Side-channel Attacks in Secure Cloud Deduplications.
8. Toward Edge-Assisted Internet of Things: From Security and Efficiency Perspectives.

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SECURE COMPUTING

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9. A Probabilistic Source Location Privacy Protection Scheme in WirelessSensor Networks
10. Achieving Data Truthfulness and Privacy Preservation in Data Markets
11. Collusion Defender: Preserving Subscribers' Privacy in Publish and Subscribe Systems
12. Dating with Scambots: Understanding the Ecosystem of FraudulentDating Applications
13. Efficient and Privacy-preserving Online Fingerprint AuthenticationScheme Over Outsourced Data

14. Scalable Access Control For Privacy-Aware Media Sharing
15. Searchable Symmetric Encryption with Forward Search Privacy
16. Secure Channel Free Certificate-Based Searchable Encryption Withstanding Outside and Inside Keyword Guessing Attacks
17. Sensitive Label Privacy Preservation with Anatomization for DataPublishing
18. Enabling Efficient and Geometric Range Query with Access Control overEncrypted Spatial Data.
19. Building and Studying a Password Store that Perfectly HidesPasswords from Itself.
20. Dating with Scambots: Understanding the Ecosystem ofFraudulent Dating Applications
21. Building and Studying a Password Store that Perfectly HidesPasswords from Itself.
22. Authenticated Medical Documents Releasing with PrivacyProtection and Release Control
23. Collusion Defender: Preserving Subscribers' Privacy in Publishand Subscribe Systems
24. Dating with Scambots: Understanding the Ecosystem ofFraudulent Dating Applications
25. Detecting Malicious Social Bots Based on Clickstream Sequences
26. Privacy-Preserving Aggregate Queries for Optimal Location Selection
27. Sensitive Label Privacy Preservation with Anatomization for DataPublishing

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MOBILE COMPUTING

1. ooDNet: Toward an Optimized Food Delivery Network based on Spatial Crowdsourcing.

2. Privacy-preserving Crowd-sourced Statistical Data Publishing with An Untrusted Server.

BLOCKCHAIN TECHNOLOGY

1. PBCert: Privacy-Preserving Blockchain-Based Certificate Status Validation Towards Mass Storage Management.
2. Blockchain for AI: Review and Open Research Challenges.
3. Blockchain-Based Public Integrity Verification for Cloud Storage against Procrastinating Auditors.

PATTERN ANALYSIS AND MACHINE INTELLIGENCE

1. Towards Efficient U-Nets: A Coupled and Quantized Approach.
2. Looking Back! Using Early Versions of Android Apps as Attack Vectors.
3. ROAM: a Rich Object Appearance Model with Application to Rotoscoping.
4. End-to-end Active Object Tracking and Its Real-world Deployment via Reinforcement Learning.

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BIG DATA

1. Comparison of Swam Intelligence Clustering Algorithms for Analysis of Big Data in Healthcare.
2. Effective and Efficient Content Redundancy Detection of Web Videos.
3. Incorporating Data Context to Cost-Effectively Automate End-to-End Data Wrangling.
4. Sentiment Analysis of Comment Texts Based on BiLSTM.

5. Data Interpolation and Reconstruction.
6. Large-Margin Regularized Softmax Cross-Entropy Loss.

SOCIAL NETWORK, IMAGE PROCESSING

1. A Hybrid Approach to Service Recommendation Based on Network Representation Learning.
2. Social Network Rumor Diffusion Predication Based on Equal Responsibility Game Model.
3. Fundamental Visual Concept Learning from Correlated Images and Text.

SOCIAL NETWORK

1. Credibility Evaluation of Twitter-Based Event Detection by a MixingAnalysis of Heterogeneous Data
2. Predicting Cyberbullying on Social Media in the Big Data Era UsingMachine Learning Algorithms: Review of Literature and Open Challenges
3. Spammer Detection and Fake User Identification on Social Networks.
4. Trust-based Privacy-Preserving Photo Sharing in Online Social Networks.
5. Who You Should Not Follow: Extracting Word Embeddings from Tweetsto Identify Groups of Interest and Hijackers in Demonstrations
6. Spammer Detection and Fake User Identification on Social Networks
7. A Fuzzy Approach to Text Classification With Two-Stage Trainingfor Ambiguous Instances
8. Conversational Networks for Automatic Online Moderation
9. Credibility Evaluation of Twitter-Based Event Detection by aMixing Analysis of Heterogeneous Data
10. Filtering Instagram hashtags through crowdtagging and the HITSalgorithm

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11. Minimizing Influence of Rumors by Blockers on Social Networks:Algorithms and Analysis
12. Online Public Shaming on Twitter: Detection, Analysis, andMitigation
13. PersoNet: Friend Recommendation System Based on Big-FivePersonality Traits and Hybrid Filtering
14. Predicting Cyberbullying on Social Media in the Big Data Era
15. Using Machine Learning Algorithms: Review of Literature andOpen Challenges
16. Spammer Detection and Fake User Identification on SocialNetworks
17. Trust-based Collaborative Privacy Management in Online SocialNetworks
18. Trust-based Privacy-Preserving Photo Sharing in Online SocialNetworks

IMAGE PROCESSING

19. New Framework of Reversible Data Hiding in Encrypted JPEG Bitstreams
20. Towards Robust Image Steganography

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SOFTWARE ENGINEERING,SERVICE COMPUTING

1. Platform-Independent Dynamic Taint Analysis for JavaScript.
2. Scheduling Real Time Security Aware tasks in Fog Networks.

SERVICE COMPUTING

1. Transactional Behavior Verification in Business Process as a Service Configuration
2. Building and Querying an Enterprise Knowledge Graph

3. Transactional Behavior Verification in Business Process as aService Configuration

FUZZY SYSTEM,INDUSTRIAL INFORMATICS

1. Epistasis Analysis Using an Improved Fuzzy C-means-based Entropy Approach
2. Intelligent Security Planning for Regional Distributed Energy Internet

INFORMATION FORENSICS AND SECURITY

1. Authentication by Encrypted Negative Password
2. Enabling Efficient and Geometric Range Query with AccessControl over Encrypted Spatial Data
3. Retrieving Hidden Friends: A Collusion Privacy Attack AgainstOnline Friend Search Engine
4. Secure Key Agreement and Key Protection for Mobile DeviceUser Authentication

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BIG DATA

1. AccountTrade: Accountability Against Dishonest Big Data Buyers andSellers
2. Securing Data in Internet of Things (IoT) Using Cryptography andSteganography Techniques
3. Leveraging Product Characteristics for Online Collusive Detection in BigData Transactions

4. A Survey on Geographically Distributed Big-Data Processing usingMapReduce
5. A Systematic Approach Toward Description and Classification of CybercrimeIncidents
6. Deadline-aware MapReduce Job Scheduling with Dynamic ResourceAvailability
7. Hadoop MapReduce for Mobile Clouds
8. Handling Big Data Using a Data-Aware HDFS and Evolutionary ClusteringTechnique
9. Hierarchical Density-Based Clustering using MapReduce
10. K-nearest Neighbors Search by Random Projection Forests
11. On Scalable and Robust Truth Discovery in Big Data Social Media SensingApplications
12. PISCES: Optimizing Multi-job Application Execution in MapReduce
13. Practical Privacy-Preserving MapReduce Based K-means Clustering overLarge-scale Dataset
14. Robust Big Data Analytics for Electricity Price Forecasting in the Smart Grid
15. A Data Sharing Protocol to Minimize Security and Privacy Risks ofCloud Storage in Big Data Era
16. AccountTrade: Accountability Against Dishonest Big Data Buyersand Sellers
17. Fast Communication-efficient Spectral Clustering OverDistributed Data

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IOT

1. Securing Data in Internet of Things (IoT) Using Cryptography and Steganography Techniques

2. A Lightweight Mutual Authentication and Key Agreement Scheme for Medical Internet of Things
3. Toward a Lightweight Intrusion Detection System for the Internet of Things
4. Secure Cloud Storage Service Using Bloom Filters for the Internet of Things
5. A Scalable Blockchain Framework for Secure Transactions in IoT

ARTIFICIAL INTELLIGENCE

1. Collaborative Filtering-based Electricity Plan Recommender System

NETWORKING

1. Secure and energy aware load balancing framework for cloud data centre networks.
2. A Lightweight Privacy-Preserving Protocol for VANETs Based on Secure Outsourcing Computing.
3. Resource Management at the Network Edge: A Deep Reinforcement Learning Approach.
4. A Lightweight Privacy-Preserving Protocol for VANETs Based on Secure Outsourcing Computing.

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