**Appendix A:** Number of Self-Cite done by Author A in his Top 50 Most Relevant Papers in August 2016

| Paper Title | Self Cite Count |
|---|---|
| Body area networks: A survey | 1 |
| A game-theoretic method of fair resource allocation for cloud computing services | 1 |
| Compressed data aggregation for energy efficient wireless sensor networks | No PDF found |
| A survey of green mobile networks: Opportunities and challenges | 1 |
| Directional routing and scheduling for green vehicular delay tolerant networks | 4 |
| Routing for disruption tolerant networks: taxonomy and design | 2 |
| Molecular communication and networking: Opportunities and challenges | 4 |
| Routing metrics of cognitive radio networks: A survey | 3 |
| Flooding-limited and multi-constrained QoS multicast routing based on the genetic algorithm for MANETs | 0 |
| Security and privacy for storage and computation in cloud computing | 2 |
| A survey on the ietf protocol suite for the internet of things: Standards, challenges, and opportunities | 0 |
| A survey on topology control in wireless sensor networks: Taxonomy, comparative study, and open issues | 1 |
| An adaptive geometry-based stochastic model for non-isotropic MIMO mobile-to-mobile channels | 1 |
| A survey on ambient intelligence in healthcare | 6 |
| Delay tolerant networks: Protocols and applications | No PDF found |
| Multi-layer clustering routing algorithm for wireless vehicular sensor networks | 0 |
| A survey on trust management for Internet of Things | 2 |
| CodePipe: An opportunistic feeding and routing protocol for reliable multicast with pipelined network coding | No PDF found |
| A survey of security challenges in cognitive radio networks: Solutions and future research directions | 1 |
| EDAL: An energy-efficient, delay-aware, and lifetime-balancing data collection protocol for wireless sensor networks | No PDF found |
| Linguistic models and linguistic modeling | No PDF found |
| Granular computing: perspectives and challenges | No PDF found |
| Distributed media services in P2P-based vehicular networks | 2 |
| A survey on service-oriented network virtualization toward convergence of networking and cloud computing | No PDF found |
| Prediction-based data aggregation in wireless sensor networks: Combining grey model and Kalman Filter | No PDF found |
| Backpressure-based routing protocol for DTNs | 0 |
| Spatial reusability-aware routing in multi-hop wireless networks | 1 |
| Security of the internet of things: Perspectives and challenges | No PDF found |
| Algorithm design for data communications in duty-cycled wireless sensor networks: A survey | No PDF found |
| Reliable multicast with pipelined network coding using opportunistic feeding and routing | No PDF found |

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| Novel overlay/underlay cognitive radio waveforms using SD-SMSE framework to enhance spectrum efficiency-part I: theoretical framework and analysis in AWGN channel | 1 |
| Cross-layer support for energy efficient routing in wireless sensor networks | 0 |
| Mobile cloud computing: A survey, state of art and future directions | 3 |
| Approximating Congestion+ Dilation in Networks via" Quality of Routing&# x201D; Games | 0 |
| On the partially overlapped channel assignment on wireless mesh network backbone: A game theoretic approach | 2 |
| Joint forensics-scheduling strategy for delay-sensitive multimedia applications over heterogeneous networks | 3 |
| Physarum optimization: A biology-inspired algorithm for the steiner tree problem in networks | 1 |
| ReTrust: Attack-resistant and lightweight trust management for medical sensor networks | 4 |
| Interference-based topology control algorithm for delay-constrained mobile ad hoc networks | 1 |
| QoE-driven channel allocation schemes for multimedia transmission of priority-based secondary users over cognitive radio networks | 4 |
| Context-aware middleware for multimedia services in heterogeneous networks | 1 |
| Software-defined and virtualized future mobile and wireless networks: A survey | 0 |
| Comparative analysis of quality of service and memory usage for adaptive failure detectors in healthcare systems | 1 |
| Managing performance overhead of virtual machines in cloud computing: A survey, state of the art, and future directions | 0 |
| Nodes organization for channel assignment with topology preservation in multi-radio wireless mesh networks | 2 |
| Tight performance bounds of multihop fair access for MAC protocols in wireless sensor networks and underwater sensor networks | 1 |
| An OSPF-integrated routing strategy for QoS-aware energy saving in IP backbone networks | 2 |
| DTRAB: Combating against attacks on encrypted protocols through traffic-feature analysis | No PDF found |
| A biology-based algorithm to minimal exposure problem of wireless sensor networks | 2 |
| Game dynamics and cost of learning in heterogeneous 4G networks | 4 |

**Appendix B:** Number of Over-cite by the Top 30 citing papers for each of the top 50 Most Relevant Papers by Author A in August 2016

**Paper Title: Body area networks: A survey**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Definition and synergies of cognitive infocommunications | 1 |
| 2 | Wireless body area networks: A survey | No PDF |
| 3 | A survey on ambient-assisted living tools for older adults | 1 |
| 4 | An overview of IEEE 802.15. 6 standard | 1 |
| 5 | Molecular communication and networking: Opportunities and challenges | 4 |
| 6 | A survey on ambient intelligence in healthcare | 6 |
| 7 | Wireless sensor networks: a survey on recent developments and potential synergies | 1 |
| 8 | A survey of recent developments in home M2M networks | 1 |
| 9 | A secure handshake scheme with symptoms-matching for mhealthcare social network | 1 |
| 10 | Mobile cloud computing: A survey, state of art and future directions | 3 |
| 11 | A survey on wireless body area networks: technologies and design challenges | 1 |
| 12 | ReTrust: Attack-resistant and lightweight trust management for medical sensor networks | 4 |
| 13 | Cognitive infocommunications: coginfocom | 0 |
| 14 | Cloud-enabled wireless body area networks for pervasive healthcare | 0 |
| 15 | ECG-cryptography and authentication in body area networks | 1 |
| 16 | Mobility support for health monitoring at home using wearable sensors | 1 |
| 17 | Wireless sensor networks for rehabilitation applications: Challenges and opportunities | 1 |
| 18 | Data mining for wearable sensors in health monitoring systems: a review of recent trends and challenges | 1 |
| 19 | Data-centric multiobjective QoS-aware routing protocol for body sensor networks | 1 |
| 20 | A survey on communication and data management issues in mobile sensor networks | No PDF |
| 21 | BodyCloud: A SaaS approach for community body sensor networks | No PDF |
| 22 | Energy efficient multimedia streaming to mobile devicesâ€"a survey | 2 |
| 23 | BodyCloud: Integration of Cloud Computing and body sensor networks | No PDF |
| 24 | Coloring-based inter-WBAN scheduling for mobile wireless body area networks | 1 |
| 25 | BANA: body area network authentication exploiting channel characteristics | 1 |
| 26 | From machine-to-machine communications towards cyber-physical systems. | No PDF |
| 27 | A review of IEEE 802.15. 6 MAC, PHY, and security specifications | No PDF |
| 28 | Towards smart city: M2M communications with software agent intelligence | 1 |

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| **29** | A survey of body sensor networks | 6 |
| **30** | A literature review of RFID-enabled healthcare applications and issues | 0 |
| | Total | 42 |

**Paper Title: A game-theoretic method of fair resource allocation for cloud computing services**

| Citing Paper Number | Paper Title | Over-cite Count |
|---:|---|---|
| **1** | Cloud computing: A study of infrastructure as a service (IAAS) | No PDF |
| **2** | Recent developments in high performance computing for remote sensing: A review | 1 |
| **3** | A survey on service-oriented network virtualization toward convergence of networking and cloud computing | No PDF |
| **4** | The analytic hierarchy process: task scheduling and resource allocation in cloud computing environment | 1 |
| **5** | Cloud model for service selection | 1 |
| **6** | Dynamic resource allocation with management objectivesâ€"Implementation for an OpenStack cloud | 1 |
| **7** | Universal scaling for the dilemma strength in evolutionary games | 1 |
| **8** | An SMDP-based service model for interdomain resource allocation in mobile cloud networks | 1 |
| **9** | A threshold-based dynamic resource allocation scheme for cloud computing | No PDF |
| **10** | GA-based task scheduler for the cloud computing systems | No PDF |
| **11** | A game theoretic resource allocation for overall energy minimization in mobile cloud computing system | 1 |
| **12** | Resource allocation for security services in mobile cloud computing | 1 |
| **13** | Resource allocation for real-time tasks using cloud computing | 0 |
| **14** | A framework for resource allocation strategies in cloud computing environment | 1 |
| **15** | Cooperative game-based distributed resource allocation in horizontal dynamic cloud federation platform | 2 |
| **16** | Enabling smart cloud services through remote sensing: An internet of everything enabler | 1 |
| **17** | Quality-of-service in cloud computing: modeling techniques and their applications | No PDF |
| **18** | Multi-Armed Bandit with Budget Constraint and Variable Costs. | No PDF |
| **19** | Cloud federations in the sky: Formation game and mechanism | 3 |
| **20** | An evolutionary game theoretic approach to adaptive and stable application deployment in clouds | 1 |
| **21** | Distributed resource allocation games in horizontal dynamic cloud federation platform | No PDF |
| **22** | Mechanism design for stochastic virtual resource allocation in non-cooperative cloud systems | 1 |
| **23** | Towards real-time multi-sensor information retrieval in cloud robotic system | No PDF |

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| **24** | Optimized fast handover scheme in Mobile IPv6 networks to support mobile users for cloud computing | 0 |
| **25** | Optimal pricing and service provisioning strategies in cloud systems: a Stackelberg game approach | 1 |
| **26** | A real-time group auction system for efficient allocation of cloud internet applications | 1 |
| **27** | Service level agreement-based joint application environment assignment and resource allocation in cloud computing systems | 1 |
| **28** | Truthful greedy mechanisms for dynamic virtual machine provisioning and allocation in clouds | 2 |
| **29** | Power efficient resource allocation for clouds using ant colony framework | 1 |
| **30** | A game-theoretical approach to the benefits of cloud computing | 2 |
| | Total | 25 |

**Paper Title: Compressed data aggregation for energy efficient wireless sensor networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| **1** | A survey of green mobile networks: Opportunities and challenges | 1 |
| **2** | EDAL: An energy-efficient, delay-aware, and lifetime-balancing data collection protocol for wireless sensor networks | 1 |
| **3** | Data gathering in wireless sensor networks through intelligent compressive sensing | 1 |
| **4** | CDC: Compressive data collection for wireless sensor networks | 2 |
| **5** | EDAL: An energy-efficient, delay-aware, and lifetime-balancing data collection protocol for heterogeneous wireless sensor networks | No PDF |
| **6** | Compressed data aggregation: energy-efficient and high-fidelity data collection | 2 |
| **7** | Hierarchical data aggregation using compressive sensing (HDACS) in WSNs | 1 |
| **8** | A survey of body sensor networks | 6 |
| **9** | Analysis of energy efficiency of compressive sensing in wireless sensor networks | 1 |
| **10** | Transmission-efficient clustering method for wireless sensor networks using compressive sensing | 1 |
| **11** | Duty-cycle-aware minimum-energy multicasting in wireless sensor networks | 0 |
| **12** | Capacity and delay analysis for data gathering with compressive sensing in wireless sensor networks | 1 |
| **13** | Energy-efficient routing for correlated data in wireless sensor networks | No PDF |
| **14** | Compressive sensing based monitoring with vehicular networks | No PDF |
| **15** | A novel deployment scheme for green internet of things | No PDF |
| **16** | UNFOLD: uniform fast on-line boundary detection for dynamic 3D wireless sensor networks | No PDF |
| **17** | Compressive data gathering using random projection for energy efficient wireless sensor networks | 1 |

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|---|---|---:|
| 18 | Automatic ARIMA modeling-based data aggregation scheme in wireless sensor networks | 2 |
| 19 | Data gathering with compressive sensing in wireless sensor networks: a random walk based approach | 1 |
| 20 | Power-efficient hierarchical data aggregation using compressive sensing in WSNs | 1 |
| 21 | DECA: Recovering fields of physical quantities from incomplete sensory data | 2 |
| 22 | An efficient compressive data gathering routing scheme for large-scale wireless sensor networks | 1 |
| 23 | Energy-efficient edge-based network partitioning scheme for wireless sensor networks | 3 |
| 24 | Efficient sampling and compressive sensing for urban monitoring vehicular sensor networks | No PDF |
| 25 | A multi-hop broadcast protocol design for emergency warning notification in highway VANETs | 12 |
| 26 | Fuzzy-based congestion control for wireless multimedia sensor networks | 5 |
| 27 | Novel power-based routing metrics for multi-channel multi-interface wireless mesh networks | 6 |
| 28 | Artificial intelligence based cognitive routing for cognitive radio networks | 0 |
| 29 | Passive cluster-based multipath routing protocol for wireless sensor networks | 6 |
| 30 | Routing protocol over lossy links for ISA100. 11a industrial wireless networks | 9 |
| | Total | 66 |

**Paper Title: A survey of green mobile networks: Opportunities and challenges**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | Spatial modulation for generalized MIMO: Challenges, opportunities, and implementation | No PDF |
| 2 | Directional routing and scheduling for green vehicular delay tolerant networks | 4 |
| 3 | A survey on the ietf protocol suite for the internet of things: Standards, challenges, and opportunities | 0 |
| 4 | Cache in the air: exploiting content caching and delivery techniques for 5G systems | 0 |
| 5 | A survey on context-aware mobile and wireless networking: on networking and computing environments' integration | 1 |
| 6 | Energy efficient multimedia streaming to mobile devicesâ€"a survey | 2 |
| 7 | Energy-efficient repulsive cell activation for heterogeneous cellular networks | 1 |
| 8 | A survey of energy efficient resource management techniques for multicell cellular networks | 1 |
| 9 | Greening wireless communications: Status and future directions | 1 |

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|---|---|---|---|
| 10 | Energy-efficient base-stations sleep-mode techniques in green cellular networks: A survey | | No PDF |
| 11 | High-capacity wireless backhaul network using seamless convergence of radio-over-fiber and 90-GHz millimeter-wave | | 1 |
| 12 | Green heterogeneous small-cell networks: toward reducing the $CO_2$ emissions of mobile communications industry using uplink power adaptation | | 1 |
| 13 | Radio planning of energy-aware cellular networks | | 0 |
| 14 | Energy-aware mobile learning: opportunities and challenges | | 1 |
| 15 | A green framework for energy efficient management in TDMA-based wireless mesh networks | | 1 |
| 16 | A survey of green information-centric networking: Research issues and challenges | | 1 |
| 17 | Mobile sensing systems | | 1 |
| 18 | Energy-efficient link adaptation on Rayleigh fading channel for OSTBC MIMO system with imperfect CSIT | | No PDF |
| 19 | Improving capacity and energy efficiency of femtocell based cellular network through cell biasing | | 1 |
| 20 | Green mobile clouds: Network coding and user cooperation for improved energy efficiency | | 1 |
| 21 | Architecture for green mobile network powered from renewable energy in microgrid configuration | | No PDF |
| 22 | GreenBSN: Enabling energy-proportional cellular base station networks | | 1 |
| 23 | Novel power-based routing metrics for multi-channel multi-interface wireless mesh networks | | 6 |
| 24 | Passive cluster-based multipath routing protocol for wireless sensor networks | | 6 |
| 25 | A new energy prediction approach for intrusion detection in cluster-based wireless sensor networks | | 1 |
| 26 | Routing protocol over lossy links for ISA100. 11a industrial wireless networks | | 9 |
| 27 | Particle swarm optimization (PSO)-based node and link lifetime prediction algorithm for route recovery in MANET | | 5 |
| 28 | Energy Efficiency Assessment of Wireless AccessNetworks Utilizing Indoor Base Stations | | No PDF |
| 29 | Energy efficiency of cross-tier base station cooperation in heterogeneous cellular networks | | 1 |
| 30 | iMASKO: A genetic algorithm based optimization framework for wireless sensor networks | | No PDF |
| | Total | | 47 |

**Paper Title: Directional routing and scheduling for green vehicular delay tolerant networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Secure and privacy preserving protocol for cloud-based vehicular DTNs | 5 |

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|---|---|---:|
| 28 | Securing data exchange in wireless multimedia sensor networks: perspectives and challenges | 13 |
| 29 | Comprehensive event based estimation of sensor node distribution strategies using classical flooding routing protocol in wireless sensor networks | 0 |
| 30 | Exploring an energy-efficient DTN framework supporting disaster management services in post disaster relief operation | 7 |
| | Total | 227 |

**Paper Title: Routing for disruption tolerant networks: taxonomy and design**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | Directional routing and scheduling for green vehicular delay tolerant networks | 4 |
| 2 | Routing metrics of cognitive radio networks: A survey | 3 |
| 3 | Backpressure with adaptive redundancy (BWAR) | 2 |
| 4 | Secure and privacy preserving protocol for cloud-based vehicular DTNs | 5 |
| 5 | Routing protocols for delay tolerant networks: a quantitative evaluation | 1 |
| 6 | Mobitrade: trading content in disruption tolerant networks | 1 |
| 7 | Mobility-assisted node localization based on TOA measurements without time synchronization in wireless sensor networks | 1 |
| 8 | Energy efficiency routing with node compromised resistance in wireless sensor networks | 3 |
| 9 | Assessment model for opportunistic routing | No PDF |
| 10 | A hybrid MANET-DTN routing scheme for emergency response scenarios | No PDF |
| 11 | Evaluation of MANET routing protocols in a realistic emergency response scenario | 1 |
| 12 | An analysis of evaluation practices for dtn routing protocols | 1 |
| 13 | Social-aware opportunistic routing: the new trend | 1 |
| 14 | [BOOK][B] Data delivery in delay tolerant networks: A survey | 1 |
| 15 | Adaptive spraying for routing in delay tolerant networks | 1 |
| 16 | Performance of DTN protocols in space communications | 3 |
| 17 | [CITATION][C] Survey on opportunistic routing for delay/disruption tolerant networks | No PDF |
| 18 | Exploiting intercontact time for routing in delay tolerant networks | 1 |
| 19 | A multi-hop broadcast protocol design for emergency warning notification in highway VANETs | 12 |
| 20 | Primate-inspired adaptive routing in intermittently connected mobile communication systems | 4 |
| 21 | Haggle: Opportunistic mobile content sharing using search | 1 |
| 22 | Routing protocol over lossy links for ISA100. 11a industrial wireless networks | 9 |
| 23 | Particle swarm optimization (PSO)-based node and link lifetime prediction algorithm for route recovery in MANET | 5 |
| 24 | IM2PR: interference-minimized multipath routing protocol for wireless sensor networks | No PDF |

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|---|---|---|
| **25** | Survey on location information services for Vehicular Communication Networks | 4 |
| **26** | Contact quality based forwarding strategy for delay tolerant network | 1 |
| **27** | Human-mobility-based sensor context-aware routing protocol for delay-tolerant data gathering in multi-sink cell-phone-based sensor networks | 1 |
| **28** | VAST: Volume adaptive searching technique for optimized routing in mobile ad-hoc networks | 1 |
| **29** | A tabu search algorithm for routing optimization in mobile ad-hoc networks | 5 |
| **30** | On the scalability of delay-tolerant routing protocols in urban environment | No PDF |
| | Total | 72 |

**Paper Title: Molecular communication and networking: Opportunities and challenges**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Tabletop molecular communication: Text messages through chemical signals | No PDF |
| 2 | Channel model and capacity analysis of molecular communication with brownian motion | 1 |
| 3 | Improving receiver performance of diffusive molecular communication with enzymes | 2 |
| 4 | Three-dimensional channel characteristics for molecular communications with an absorbing receiver | No PDF |
| 5 | Molecular communication among biological nanomachines: A layered architecture and research issues | No PDF |
| 6 | Optimal receiver design for diffusive molecular communication with flow and additive noise | 1 |
| 7 | Transmission rate control for molecular communication among biological nanomachines | 4 |
| 8 | TCP-like molecular communications | 3 |
| 9 | Design and analysis of wireless communication systems using diffusion-based molecular communication among bacteria | 1 |
| 10 | A comprehensive survey of recent advancements in molecular communication | 3 |
| 11 | Simulation study of molecular communication systems with an absorbing receiver: Modulation and ISI mitigation techniques | No PDF |
| 12 | Reconstruction of graph signals through percolation from seeding nodes | 1 |
| 13 | Receivers for diffusion-based molecular communication: Exploiting memory and sampling rate | 1 |
| 14 | Using dimensional analysis to assess scalability and accuracy in molecular communication | 1 |
| 15 | Reliability and delay analysis of multihop virus-based nanonetworks | 1 |
| 16 | Simulation of molecular signaling in blood vessels: Software design and application to atherogenesis | 1 |
| 17 | Symbol interval optimization for molecular communication with drift | 1 |

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|---|---|---|
| 18 | A markov chain channel model for active transport molecular communication | 1 |
| 19 | Strength-based optimum signal detection in concentration-encoded pulse-transmitted OOK molecular communication with stochastic ligand-receptor binding | 1 |
| 20 | A unifying model for external noise sources and ISI in diffusive molecular communication | 1 |
| 21 | Oscillation and synchronization of molecular machines by the diffusion of inhibitory molecules | 0 |
| 22 | Molecular communication networks with general molecular circuit receivers | 1 |
| 23 | A comprehensive study of sampling-based optimum signal detection in concentration-encoded molecular communication | 1 |
| 24 | Impact of receiver reaction mechanisms on the performance of molecular communication networks | 1 |
| 25 | Noise properties of linear molecular communication networks | No PDF |
| 26 | Bumpy rides: Modeling the dynamics of chemotactic interacting bacteria | 1 |
| 27 | Cooperative target tracking by a mobile bionanosensor network | 1 |
| 28 | Simulating an in vitro experiment on nanoscale communications by using BiNS2 | 1 |
| 29 | Molecular communication via microtubules and physical contact in nanonetworks: A survey | 1 |
| 30 | Distributed linear network operators using graph filters | 1 |
| | Total | 32 |

**Paper Title: Routing metrics of cognitive radio networks: A survey**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Cognitive radio for smart grids: Survey of architectures, spectrum sensing mechanisms, and networking protocols | 1 |
| 2 | Bandwidth aggregation techniques in heterogeneous multi-homed devices: A survey | 0 |
| 3 | A multi-hop broadcast protocol design for emergency warning notification in highway VANETs | 12 |
| 4 | Artificial intelligence based cognitive routing for cognitive radio networks | 0 |
| 5 | Routing protocol over lossy links for ISA100. 11a industrial wireless networks | 9 |
| 6 | Dead zone penetration protocol for cognitive radio networks. | 1 |
| 7 | Routing and channel selection from cognitive radio network's perspective: A survey | 1 |
| 8 | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| 9 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 10 | High-throughput transmission-quality-aware broadcast routing in cognitive radio networks | No PDF |

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|---|---|---|
| 11 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 12 | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| 13 | A survey of channel bonding for wireless networks and guidelines of channel bonding for futuristic cognitive radio sensor networks | 1 |
| 14 | Reconfigurable Wireless Networks | 2 |
| 15 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 16 | Particle swarm optimization in intelligent routing of delay-tolerant network routing | 6 |
| 17 | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| 18 | Path diversified multi-QoS optimization in multi-channel wireless mesh networks | No PDF |
| 19 | Secure transmission design for cognitive radio networks with Poisson distributed eavesdroppers | 14 |
| 20 | Adaptive message forwarding for avoiding broadcast storm and guaranteeing delay in active safe driving VANET | 14 |
| 21 | Comprehensive event based estimation of sensor node distribution strategies using classical flooding routing protocol in wireless sensor networks | 0 |
| 22 | Exploring an energy-efficient DTN framework supporting disaster management services in post disaster relief operation | 7 |
| 23 | An adaptive load-aware routing algorithm for multi-interface wireless mesh networks | 3 |
| 24 | Quality of service management for IPTV services support in VANETs: a performance evaluation study | No PDF |
| 25 | Performance comparison of routing protocols for cognitive radio networks | 1 |
| 26 | Modeling and simulation of networked low-power embedded systems: a taxonomy | 12 |
| 27 | A comparative study of QoS performance for location based and corona based real-time routing protocol in mobile wireless sensor networks | 3 |
| 28 | An overview of performance trade-off mechanisms in routing protocol for green wireless sensor networks | 26 |
| 29 | A new delay jitter smoothing algorithm based on Pareto distribution in Cyber-Physical Systems | 9 |
| 30 | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | No PDF |
| | Total | 223 |

**Paper Title: Flooding-limited and multi-constrained QoS multicast routing based on the genetic algorithm for MANETs**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Genetic algorithm for energy-efficient QoS multicast routing | 1 |

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|---|---|---:|
| 27 | Energy-aware multipath routing scheme based on particle swarm optimization in mobile ad hoc networks | No PDF |
| 28 | Improved heuristics for multicast routing in wireless mesh networks | 3 |
| 29 | A survey of routing protocols based on link-stability in mobile ad hoc networks | 1 |
| 30 | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| | Total | 100 |

**Paper Title: Security and privacy for storage and computation in cloud computing**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | Assessing the determinants of cloud computing adoption: An analysis of the manufacturing and services sectors | No PDF |
| 2 | Security in cloud computing: Opportunities and challenges | 7 |
| 3 | A review on remote data auditing in single cloud server: Taxonomy and open issues | No PDF |
| 4 | Social choice considerations in cloud-assisted WBAN architecture for post-disaster healthcare: data aggregation and channelization | 1 |
| 5 | Real-time query processing optimization for cloud-based wireless body area networks | No PDF |
| 6 | Leveraging software-defined networking for security policy enforcement | 2 |
| 7 | Autonomic schemes for threat mitigation in Internet of Things | 5 |
| 8 | Enhanced privacy of a remote data integrity-checking protocol for secure cloud storage | 1 |
| 9 | Resilience analysis of power grids under the sequential attack | 3 |
| 10 | SeDaSC: secure data sharing in clouds | 2 |
| 11 | Remote data auditing in cloud computing environments: A survey, taxonomy, and open issues | 1 |
| 12 | A scheme for data confidentiality in cloud-assisted wireless body area networks | No PDF |
| 13 | Integration of logistics and cloud computing service providers: Cost and green benefits in the Chinese context | 1 |
| 14 | Engineering searchable encryption of mobile cloud networks: when qoe meets qop | 0 |
| 15 | Securing software defined networks: taxonomy, requirements, and open issues | 1 |
| 16 | Achieving security, robust cheating resistance, and high-efficiency for outsourcing large matrix multiplication computation to a malicious cloud | No PDF |
| 17 | An extended chaotic maps-based keyword search scheme over encrypted data resist outside and inside keyword guessing attacks in cloud storage services | 1 |
| 18 | Speeding-up codon analysis on the cloud with local MapReduce aggregation | 1 |
| 19 | Cloud computing in e-Science: research challenges and opportunities | No PDF |
| 20 | From security to assurance in the cloud: a survey | 1 |

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|---|---|---:|
| **21** | Imperialist competitive algorithm with PROCLUS classifier for service time optimization in cloud computing service composition | No PDF |
| **22** | User continuance intention to use cloud storage service | 0 |
| **23** | Vehicle authentication via monolithically certified public key and attributes | 28 |
| **24** | Towards continuous cloud service assurance for critical infrastructure IT | 4 |
| **25** | Towards dynamic remote data auditing in computational clouds | No PDF |
| **26** | Recent developments in cloud based systems: state of art | 1 |
| **27** | Scalable pCT image reconstruction delivered as a cloud service | No PDF |
| **28** | Security-aware intermediate data placement strategy in scientific cloud workflows | 0 |
| **29** | Secure authentication and integrity techniques for randomized secured routing in WSN | 4 |
| **30** | Joint Resource Provisioning for Internet Datacenters with Diverse and Dynamic Traffic | 7 |
| | Total | 71 |

**Paper Title: A survey on the ietf protocol suite for the internet of things: Standards, challenges, and opportunities**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| **1** | A survey on trust management for Internet of Things | No PDF |
| **2** | Internet of things: A survey on enabling technologies, protocols, and applications | No PDF |
| **3** | A survey of wireless technologies coexistence in WBAN: analysis and open research issues | 9 |
| **4** | The emerging internet of things marketplace from an industrial perspective: A survey | No PDF |
| **5** | Named data networking for IoT: an architectural perspective | 0 |
| **6** | Multi-source data retrieval in IoT via named data networking | 1 |
| **7** | Autonomic schemes for threat mitigation in Internet of Things | 5 |
| **8** | Wireless energy harvesting for the Internet of Things | 0 |
| **9** | Recent advances in industrial wireless sensor networks toward efficient management in IoT | No PDF |
| **10** | A multi-hop broadcast protocol design for emergency warning notification in highway VANETs | 12 |
| **11** | Lightweight management of resource-constrained sensor devices in internet of things | 0 |
| **12** | Internet of things (IoT): Present state and future prospects | No PDF |
| **13** | Mobile M2M communication architectures, upcoming challenges, applications, and future directions | 10 |
| **14** | The Internet of Things: Challenges & security issues | No PDF |
| **15** | Design and implementation of a sustainable wireless ban platform for remote monitoring of workers health care in harsh environments | 1 |
| **16** | Information Centric Networking in IoT scenarios: The case of a smart home | No PDF |

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|---|---|---:|
| 17 | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| 18 | An approach to rank reviews by fusing and mining opinions based on review pertinence | 0 |
| 19 | Novel Quick Start (QS) method for optimization of TCP | 3 |
| 20 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 21 | A novel scheme for an energy efficient Internet of Things based on wireless sensor networks | 2 |
| 22 | Impact of static trajectories on localization in wireless sensor networks | No PDF |
| 23 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 24 | Towards a service centric contextualized vehicular cloud | No PDF |
| 25 | Information-centric networking for the internet of things: challenges and opportunities | No PDF |
| 26 | Neighbor Discovery for Opportunistic Networking in Internet of Things Scenarios: A Survey | No PDF |
| 27 | Proportional throughput differentiationwith cognitive load-control on WSN channels | 12 |
| 28 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 29 | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| 30 | Robustness analysis for node multilateration localization in wireless sensor networks | 12 |
| | Total | 148 |

**Paper Title: An adaptive geometry-based stochastic model for non-isotropic MIMO mobile-to-mobile channels**

| Citing Paper Number | Paper Title | Over-cite Count |
|---:|---|---:|
| 1 | [BOOK][B] Cooperative communications: hardware, channel and PHY | 3 |
| 2 | Impact of vehicles as obstacles in vehicular ad hoc networks | No PDF |
| 3 | A survey on vehicle-to-vehicle propagation channels | 0 |
| 4 | Vehicular channel characterization and its implications for wireless system design and performance | 1 |
| 5 | Vehicle-to-vehicle channel modeling and measurements: recent advances and future challenges | 0 |
| 6 | Cooperative MIMO channel modeling and multi-link spatial correlation properties | No PDF |
| 7 | Wideband channel modeling and intercarrier interference cancellation for vehicle-to-vehicle communication systems | 3 |
| 8 | Coalition formation games for distributed cooperation among roadside units in vehicular networks | 2 |
| 9 | Analysis of access and connectivity probabilities in vehicular relay networks | 1 |

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|---|---|---|
| 10 | Envelope level crossing rate and average fade duration of nonisotropic vehicle-to-vehicle Ricean fading channels | 2 |
| 11 | Challenges toward wireless communications for high-speed railway | No PDF |
| 12 | Two-stage cooperative multicast transmission with optimized power consumption and guaranteed coverage | 1 |
| 13 | Electrified vehicles and the smart grid | 2 |
| 14 | New deterministic and stochastic simulation models for non‑isotropic scattering mobile‑to‑mobile Rayleigh fading channels | 3 |
| 15 | An Improved Parameter Computation Method for a MIMO V2V Rayleigh Fading Channel Simulator Under Non-Isotropic Scattering Environments. | 2 |
| 16 | Capacity of hybrid cognitive radio networks with distributed VAAs | 1 |
| 17 | A non-stationary MIMO channel model for high-speed train communication systems | 1 |
| 18 | Cross-layer routing using cooperative transmission in vehicular ad-hoc networks | No PDF |
| 19 | Quality-of-service driven power and sub-carrier allocation policy for vehicular communication networks | 1 |
| 20 | Communicating in the real world: 3D MIMO | No PDF |
| 21 | D2D for intelligent transportation systems: A feasibility study | 3 |
| 22 | Interference graph-based resource-sharing schemes for vehicular networks | 1 |
| 23 | Wideband measurement-based modeling of inter-vehicle channels in the 5-GHz band | No PDF |
| 24 | Channel estimation schemes for IEEE 802.11 p standard | 0 |
| 25 | Stochastic analysis of a single-hop communication link in vehicular ad hoc networks | 1 |
| 26 | A non-stationary 3-D wideband twin-cluster model for 5G massive MIMO channels | 0 |
| 27 | Data dissemination in VANETs: A scheduling approach | No PDF |
| 28 | Energy efficiency analysis of MISO-OFDM communication systems considering power and capacity constraints | No PDF |
| 29 | A geometry-based stochastic model for wideband MIMO mobile-to-mobile channels | 3 |
| 30 | Novel 3D geometry-based stochastic models for non-isotropic MIMO vehicle-to-vehicle channels | 2 |
| | Total | 33 |

**Paper Title: A survey on topology control in wireless sensor networks: Taxonomy, comparative study, and open issues**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Security of the internet of things: Perspectives and challenges | No PDF |
| 2 | An evolutionary multiobjective sleep-scheduling scheme for differentiated coverage in wireless sensor networks | 4 |
| 3 | A survey of wireless technologies coexistence in WBAN: analysis and open research issues | 9 |

| | | |
|---|---|---:|
| **30** | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| | Total | 97 |

**Paper Title: Delay tolerant networks: Protocols and applications**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| | Total | 0 |

**Paper Title: A survey on ambient intelligence in healthcare**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | A survey of wireless technologies coexistence in WBAN: analysis and open research issues | 9 |
| 2 | Mobile crowd sensing and computing: The review of an emerging human-powered sensing paradigm | 1 |
| 3 | Bridging e-Health and the Internet of things: the SPHERE project | 0 |
| 4 | A smart phone-based pocket fall accident detection, positioning, and rescue system | 1 |
| 5 | Wearable wireless health monitoring: Current developments, challenges, and future trends | 1 |
| 6 | Collaborative systems for smart environments: trends and challenges | No PDF |
| 7 | Human mobility monitoring in very low resolution visual sensor network | 1 |
| 8 | UbiComp for animal welfare: envisioning smart environments for kenneled dogs | 1 |
| 9 | An integrated system for voice command recognition and emergency detection based on audio signals | 1 |
| 10 | Toward Automating Clinical Assessments: A Survey of the Timed Up and Go | 1 |
| 11 | Behavior analysis of elderly using topic models | 1 |
| 12 | A review of smart homes in healthcare | 1 |
| 13 | Automated detection of activity transitions for prompting | 1 |
| 14 | Design and implementation of a prototype with a standardized interface for transducers in ambient assisted living | 1 |
| 15 | Context modulation of sensor data applied to activity recognition in smart homes | 1 |
| 16 | Modeling visit behaviour in smart homes using unsupervised learning | No PDF |
| 17 | A Smart Range Helping Cognitively-Impaired Persons Cooking. | No PDF |
| 18 | NFC based provisioning of instructional videos to assist with instrumental activities of daily living | No PDF |
| 19 | Internet of vehicles for E-health applications in view of EMI on medical sensors | No PDF |
| 20 | A multi-agent system in ambient intelligence for the physical rehabilitation of older people | No PDF |
| 21 | Pervasive healthcare-a comprehensive survey of tools and techniques | 0 |

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|---|---|---:|
| 22 | Graceful Performance Modulation for Power-Neutral Transient Computing Systems | 1 |
| 23 | Improving the Performance of an In-Home Acoustic Monitoring System by Integrating a Vocal Effort Classification Algorithm | No PDF |
| 24 | Advanced integration of multimedia assistive technologies: A prospective outlook | No PDF |
| 25 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 26 | The Role of Ambient Intelligent Technology for Improving the Life Quality of Elderly | 3 |
| 27 | QoE-based optimal resource allocation in wireless healthcare networks: opportunities and challenges | 13 |
| 28 | Variable-rate transmission method with coordinator election for wireless body area networks | 15 |
| 29 | Event-Aware Framework for Dynamic Services Discovery and Selection in the Context of Ambient Intelligence and Internet of Things | No PDF |
| 30 | Statistical models for unobtrusively detecting abnormal periods of inactivity in older adults | 1 |
| | Total | 56 |

**Paper Title: Multi-layer clustering routing algorithm for wireless vehicular sensor networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | A systematic review on clustering and routing techniques based upon LEACH protocol for wireless sensor networks | 1 |
| 2 | Mobility-based clustering protocol for wireless sensor networks with mobile nodes | 1 |
| 3 | Performance analysis of energy efficient clustering protocols for maximising lifetime of wireless sensor networks | No PDF |
| 4 | K-means clustering in wireless sensor networks | 1 |
| 5 | Multi-hop data communication algorithm for clustered wireless sensor networks | 0 |
| 6 | A distributed algorithm for energy efficient and fault tolerant routing in wireless sensor networks | 0 |
| 7 | A multi-hop broadcast protocol design for emergency warning notification in highway VANETs | 12 |
| 8 | Primate-inspired adaptive routing in intermittently connected mobile communication systems | 4 |
| 9 | Fuzzy-based congestion control for wireless multimedia sensor networks | 5 |
| 10 | Passive cluster-based multipath routing protocol for wireless sensor networks | 6 |
| 11 | Routing protocol over lossy links for ISA100. 11a industrial wireless networks | 9 |
| 12 | IM2PR: interference-minimized multipath routing protocol for wireless sensor networks | No PDF |

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|---|---|---:|
| **13** | Survey on location information services for Vehicular Communication Networks | 4 |
| **14** | A hybrid memetic framework for coverage optimization in wireless sensor networks | 0 |
| **15** | An hybrid clustering algorithm for optimal clusters in wireless sensor networks | No PDF |
| **16** | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| **17** | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| **18** | Enhanced connectivity in vehicular ad-hoc networks via V2V communications | No PDF |
| **19** | 1-bit compressive data gathering for wireless sensor networks | No PDF |
| **20** | SAW sensor read range limitations and perspectives | No PDF |
| **21** | PUAR: performance and usage aware routing algorithm for long and linear wireless sensor networks | No PDF |
| **22** | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| **23** | Energy efficient clustering algorithm based on neighbors for wireless sensor networks | No PDF |
| **24** | A Two-Level Routing Scheme for Wireless Sensor Network | 1 |
| **25** | QoSMOS: cross-layer QoS architecture for wireless multimedia sensor networks | 3 |
| **26** | EigenTrust-based non-cooperative game model assisting ACO look-ahead secure routing against selfishness | 2 |
| **27** | Dual-tree complex wavelet transform and image block residual-based multi-focus image fusion in visual sensor networks | 2 |
| **28** | Delay-sensitive content distribution via peer-to-peer collaboration in public safety vehicular ad-hoc networks | No PDF |
| **29** | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| **30** | Path diversified multi-QoS optimization in multi-channel wireless mesh networks | No PDF |
| | Total | 119 |

**Paper Title: CodePipe: An opportunistic feeding and routing protocol for reliable multicast with pipelined network coding**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | Reliable multicast with pipelined network coding using opportunistic feeding and routing | No PDF |
| 2 | A multi-hop broadcast protocol design for emergency warning notification in highway VANETs | 12 |
| 3 | Novel power-based routing metrics for multi-channel multi-interface wireless mesh networks | 6 |
| 4 | Artificial intelligence based cognitive routing for cognitive radio networks | 0 |

| 5 | IM2PR: interference-minimized multipath routing protocol for wireless sensor networks | No PDF |
|---|---|---|
| 6 | Dominating set and network coding-based routing in wireless mesh networks | No PDF |
| 7 | Channel allocation and multicast routing in cognitive radio networks | No PDF |
| 8 | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| 9 | Novel Quick Start (QS) method for optimization of TCP | 3 |
| 10 | Leverage parking cars in a two-tier data center | No PDF |
| 11 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 12 | High-throughput transmission-quality-aware broadcast routing in cognitive radio networks | No PDF |
| 13 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 14 | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| 15 | EE-LEACH: development of energy-efficient LEACH Protocol for data gathering in WSN | 9 |
| 16 | Delay minimization for reliable data collection on overhead transmission lines in smart grid | No PDF |
| 17 | Stochastic modeling and analysis of opportunistic computing in intermittent mobile cloud | 1 |
| 18 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 19 | QoE in video streaming over wireless networks: perspectives and research challenges | No PDF |
| 20 | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| 21 | Path diversified multi-QoS optimization in multi-channel wireless mesh networks | No PDF |
| 22 | Secure transmission design for cognitive radio networks with Poisson distributed eavesdroppers | 14 |
| 23 | Adaptive message forwarding for avoiding broadcast storm and guaranteeing delay in active safe driving VANET | 14 |
| 24 | Comprehensive event based estimation of sensor node distribution strategies using classical flooding routing protocol in wireless sensor networks | 0 |
| 25 | Collaborative-learning-automata-based channel assignment with topology preservation for wireless mesh networks under QoS constraints | 6 |
| 26 | A sequence number based bait detection scheme to thwart grayhole attack in mobile ad hoc networks | 15 |
| 27 | Cooperative content delivery exploiting multiple wireless interfaces: methods, new technological developments, open research issues and a case study | No PDF |
| 28 | An adaptive load-aware routing algorithm for multi-interface wireless mesh networks | 3 |

| | | |
|---|---|---|
| **29** | Quality of service management for IPTV services support in VANETs: a performance evaluation study | No PDF |
| **30** | A comparative study of QoS performance for location based and corona based real-time routing protocol in mobile wireless sensor networks | 3 |
| | Total | 187 |

**Paper Title: A survey on trust management for Internet of Things**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| **1** | Security in cloud computing: Opportunities and challenges | 7 |
| **2** | Security, privacy and trust in Internet of Things: The road ahead | 1 |
| **3** | A gap analysis of Internet-of-Things platforms | 1 |
| **4** | A security and trust framework for virtualized networks and software‐defined networking | 7 |
| **5** | Autonomic schemes for threat mitigation in Internet of Things | 5 |
| **6** | A trust-based probabilistic recommendation model for social networks | 1 |
| **7** | Trust management for soa-based iot and its application to service composition | No PDF |
| **8** | Energy-aware and quality-driven sensor management for green mobile crowd sensing | 1 |
| **9** | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| **10** | Vehicle authentication via monolithically certified public key and attributes | 28 |
| **11** | Internet connectivity for mobile ad hoc network: a survey based study | 1 |
| **12** | An enhanced communication protocol for anonymity and location privacy in WSN | No PDF |
| **13** | SecIoT: a security framework for the Internet of Things | No PDF |
| **14** | A standardized approach to deal with firewall and mobility policies in the IoT | 1 |
| **15** | Neighbor Discovery for Opportunistic Networking in Internet of Things Scenarios: A Survey | No PDF |
| **16** | Protect pervasive social networking based on two-dimensional trust levels | No PDF |
| **17** | Preserving Smart Objects Privacy through Anonymous and Accountable Access Control for a M2M-Enabled Internet of Things | 1 |
| **18** | Secure transmission design for cognitive radio networks with Poisson distributed eavesdroppers | 14 |
| **19** | Securing data exchange in wireless multimedia sensor networks: perspectives and challenges | 13 |
| **20** | Temporal privacy scheme for end-to-end location privacy in wireless sensor networks | 2 |
| **21** | Object-Generated Content and Knowledge Sharing: the Forthcoming Impact of the Internet of Things | No PDF |
| **22** | Fortified anonymous communication protocol for location privacy in WSN: a modular approach | 2 |

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|---|---|---:|
| 23 | Agent-based trusted on-demand routing protocol for mobile ad-hoc networks | 0 |
| 24 | A sequence number based bait detection scheme to thwart grayhole attack in mobile ad hoc networks | 15 |
| 25 | A review on privacy-preserving data mining | 1 |
| 26 | Towards a reference ontology for security in the Internet of Things | No PDF |
| 27 | An overview of performance trade-off mechanisms in routing protocol for green wireless sensor networks | 26 |
| 28 | Two schemes of privacy-preserving trust evaluation | 4 |
| 29 | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| 30 | A Classification of Trust Computation Models for Service-Oriented Internet of Things Systems | 1 |
| | Total | 178 |

**Paper Title: A survey of security challenges in cognitive radio networks: Solutions and future research directions**

| Citing Paper Number | Paper Title | Over-cite Count |
|---:|---|---|
| 1 | Wireless network virtualization: A survey, some research issues and challenges | No PDF |
| 2 | Cognitive radio wireless sensor networks: applications, challenges and research trends | 1 |
| 3 | A mean field game theoretic approach for security enhancements in mobile ad hoc networks | 1 |
| 4 | Advances on security threats and countermeasures for cognitive radio networks: A survey | 1 |
| 5 | Jamming mitigation in cognitive radio networks | 0 |
| 6 | Robust spectrum sensing with crowd sensors | 1 |
| 7 | A layered approach to cognitive radio network security: A survey | No PDF |
| 8 | Artificial intelligence based cognitive routing for cognitive radio networks | 0 |
| 9 | Byzantine attack and defense in cognitive radio networks: A survey | 1 |
| 10 | Smart primary user emulation in cognitive radio networks: defence strategies against radioâ€•aware attacks and robust spectrum sensing | No PDF |
| 11 | A Survey of Various Defense Techniques to Detect Primary User Emulation Attacks | 1 |
| 12 | An evolutionary game-based trust cooperative stimulation model for large scale MANETs | No PDF |
| 13 | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| 14 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 15 | Trust based security enhancements for vehicular ad hocnetworks | No PDF |
| 16 | A survey on security attacks and countermeasures with primary user detection in cognitive radio networks | 1 |
| 17 | Trust and reputation management in cognitive radio networks: a survey | No PDF |
| 18 | Challenges in engineering education of cognitive dynamic systems | 1 |

| | | |
|---|---|---|
| 19 | Optimal transmission behaviour policies of secondary users in proactive-optimization cognitive radio networks | 0 |
| 20 | Fuzzy c-means clustering based secure fusion strategy in collaborative spectrum sensing | No PDF |
| 21 | EigenTrust-based non-cooperative game model assisting ACO look-ahead secure routing against selfishness | 2 |
| 22 | Network economics in cognitive networks | 1 |
| 23 | Cognitive radio sensor networks: Smart communication for smart grids—A case study of Pakistan | 1 |
| 24 | Secure transmission design for cognitive radio networks with Poisson distributed eavesdroppers | 14 |
| 25 | Secrecy in cognitive radio networks | 0 |
| 26 | Improving throughput in highway transportation systems by entry control and virtual queue | No PDF |
| 27 | Agent-based trusted on-demand routing protocol for mobile ad-hoc networks | 0 |
| 28 | A sequence number based bait detection scheme to thwart grayhole attack in mobile ad hoc networks | 15 |
| 29 | A modified algorithm to improve security and performance of AODV protocol against black hole attack | No PDF |
| 30 | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | No PDF |
| | Total | 86 |

**Paper Title: EDAL: An energy-efficient, delay-aware, and lifetime-balancing data collection protocol for wireless sensor networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | EDAL: An energy-efficient, delay-aware, and lifetime-balancing data collection protocol for heterogeneous wireless sensor networks | No PDF |
| 2 | Local area prediction-based mobile target tracking in wireless sensor networks | 3 |
| 3 | A distributed algorithm for energy efficient and fault tolerant routing in wireless sensor networks | 0 |
| 4 | A multi-hop broadcast protocol design for emergency warning notification in highway VANETs | 12 |
| 5 | Wireless sensor networks for agriculture: The state-of-the-art in practice and future challenges | 3 |
| 6 | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| 7 | Novel Quick Start (QS) method for optimization of TCP | 3 |
| 8 | High-throughput transmission-quality-aware broadcast routing in cognitive radio networks | No PDF |
| 9 | Impact of static trajectories on localization in wireless sensor networks | No PDF |
| 10 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |

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|---|---|---|
| **11** | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| **12** | EE-LEACH: development of energy-efficient LEACH Protocol for data gathering in WSN | 9 |
| **13** | Sub-sampling framework comparison for low-power data gathering: A comparative analysis | 3 |
| **14** | Neighbor Discovery for Opportunistic Networking in Internet of Things Scenarios: A Survey | No PDF |
| **15** | Proportional throughput differentiationwith cognitive load-control on WSN channels | 12 |
| **16** | An energy-efficient distributed clustering algorithm for heterogeneous WSNs | 2 |
| **17** | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| **18** | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| **19** | Robustness analysis for node multilateration localization in wireless sensor networks | 12 |
| **20** | Securing data exchange in wireless multimedia sensor networks: perspectives and challenges | 13 |
| **21** | Variable-rate transmission method with coordinator election for wireless body area networks | 15 |
| **22** | Formal verification and validation of a movement control actor relocation algorithm for safety–critical applications | 4 |
| **23** | A data acquisition protocol for a reactive wireless sensor network monitoring application | 2 |
| **24** | An overview of performance trade-off mechanisms in routing protocol for green wireless sensor networks | 26 |
| **25** | A new delay jitter smoothing algorithm based on Pareto distribution in Cyber-Physical Systems | 9 |
| **26** | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | No PDF |
| **27** | A new clustering routing method based on PECE for WSN | 1 |
| **28** | A beacon transmission power control algorithm based on wireless channel load forecasting in VANETs | No PDF |
| **29** | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| **30** | Coordinated movement of multiple mobile sinks in a wireless sensor network for improved lifetime | 12 |
| | Total | 243 |

**Paper Title: Linguistic models and linguistic modeling**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| **1** | [BOOK][B] Fuzzy systems engineering: toward human-centric computing | 0 |
| **2** | A review of analytical techniques for gait data. Part 1: fuzzy, statistical and fractal methods | No PDF |

| | | |
|---|---|---|
| 3 | Hybrid attribute reduction based on a novel fuzzy-rough model and information granulation | 1 |
| 4 | Granular computing: perspectives and challenges | No PDF |
| 5 | Linguistic models as a framework of user-centric system modeling | No PDF |
| 6 | Linguistic modelling based on semantic similarity relation among linguistic labels | 1 |
| 7 | Comparison of Computational Intelligence Based Classiﬁcation Techniques for Remotely Sensed Optical image Classiﬁcation | No PDF |
| 8 | On the abstraction of conventional dynamic systems: from numerical analysis to linguistic analysis | No PDF |
| 9 | The development of incremental models | 1 |
| 10 | Boosting of granular models | 1 |
| 11 | Granular prototyping in fuzzy clustering | 1 |
| 12 | A granular time series approach to long-term forecasting and trend forecasting | 1 |
| 13 | Revenue forecasting using a least-squares support vector regression model in a fuzzy environment | 1 |
| 14 | Generation of interpretable fuzzy granules by a double-clustering technique | No PDF |
| 15 | A genetic design of linguistic terms for fuzzy rule based classifiers | No PDF |
| 16 | Development of quantum-based adaptive neuro-fuzzy networks | 1 |
| 17 | Information granulation via neural network-based learning | 1 |
| 18 | A granular description of ECG signals | 1 |
| 19 | Fuzzy descriptive models: an interactive framework of information granulation [ECG data] | No PDF |
| 20 | Fuzzy modeling by hierarchically built fuzzy rule bases | No PDF |
| 21 | Recent Developments in Granular Computing: A Bibliometrics Study. | 1 |
| 22 | Satellite image classification using granular neural networks | 1 |
| 23 | A collective decision model involving vague concepts and linguistic expressions | 1 |
| 24 | Relational and directional aspects in the construction of information granules | 1 |
| 25 | Granular neural networks for land use classification | 1 |
| 26 | Granular computing in neural networks | No PDF |
| 27 | Complexity versus integrity solution in adaptive fuzzy‑neural inference models | 1 |
| 28 | Fuzzy adaptive logic networks as hybrid models of quantitative software engineering | No PDF |
| 29 | Adaptive neuro-fuzzy networks with the aid of fuzzy granulation | No PDF |
| 30 | Towards true linguistic modelling through optimal numerical solutions | No PDF |
| | Total | 16 |

**Paper Title: Granular computing: perspectives and challenges**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|

| | | |
|---:|---|---:|
| 1 | Research challenges and perspectives on Wisdom Web of Things (W2T) | No PDF |
| 2 | Analyzing uncertainties of probabilistic rough set regions with game-theoretic rough sets | No PDF |
| 3 | Granular computing and sequential three-way decisions | No PDF |
| 4 | Decision-theoretic rough fuzzy set model and application | 1 |
| 5 | Systematic mapping study on granular computing | 1 |
| 6 | Sequential three-way decision and granulation for cost-sensitive face recognition | 1 |
| 7 | Feature selection via neighborhood multi-granulation fusion | 1 |
| 8 | Granular computing approach to two-way learning based on formal concept analysis in fuzzy datasets | 1 |
| 9 | Data description: a general framework of information granules | 1 |
| 10 | Web-based medical decision support systems for three-way medical decision making with game-theoretic rough sets | 1 |
| 11 | Set-based granular computing: a lattice model | 1 |
| 12 | A triarchic theory of granular computing | No PDF |
| 13 | Genetic interval neural networks for granular data regression | No PDF |
| 14 | Using interval information granules to improve forecasting in fuzzy time series | 1 |
| 15 | A Survey of Fuzzy Systems Software: Taxonomy, Current Research Trends, and Prospects | 9 |
| 16 | The approximation set of a vague set in rough approximation space | 1 |
| 17 | Granular association rules on two universes with four measures | 1 |
| 18 | Bare-bones particle swarm optimization with disruption operator | 0 |
| 19 | Surrogate-assisted multiobjective evolutionary algorithms for structural shape and sizing optimisation | No PDF |
| 20 | Hierarchical cluster ensemble model based on knowledge granulation | 1 |
| 21 | An expanded double-quantitative model regarding probabilities and grades and its hierarchical double-quantitative attribute reduction | 1 |
| 22 | Optimization of modular granular neural networks using a hierarchical genetic algorithm based on the database complexity applied to human recognition | 1 |
| 23 | Granular transformation and irreducible element judgment theory based on pictorial diagrams | 1 |
| 24 | Designing granular fuzzy models: a hierarchical approach to fuzzy modeling | 1 |
| 25 | From principal curves to granular principal curves | 2 |
| 26 | Granular state space search | 0 |
| 27 | Bare bones particle swarm optimization with considering more local best particles | No PDF |
| 28 | Possibility distribution-based approach for MAGDM with hesitant fuzzy linguistic information | 1 |
| 29 | A study of particle swarm optimization with considering more local best particles | 0 |
| 30 | Decision-theoretic rough set: a multicost strategy | 1 |
| | Total | 29 |

**Paper Title: Distributed media services in P2P-based vehicular networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | A review of information dissemination protocols for vehicular ad hoc networks | 1 |
| 2 | GeoSpray: A geographic routing protocol for vehicular delay-tolerant networks | 1 |
| 3 | QoE-driven channel allocation schemes for multimedia transmission of priority-based secondary users over cognitive radio networks | 4 |
| 4 | Peer-to-peer media streaming: Insights and new developments | No PDF |
| 5 | QoE-driven user-centric VoD services in urban multihomed P2P-based vehicular networks | 1 |
| 6 | An overtaking assistance system based on joint beaconing and real-time video transmission | 1 |
| 7 | Energy efficiency QoS assurance routing in wireless multimedia sensor networks | 3 |
| 8 | A review of various vanet data dissemination protocols | No PDF |
| 9 | Performance evaluation of IEEE 802.11 p-enabled vehicular video surveillance system | 0 |
| 10 | Resource allocation with incomplete information for QoE-driven multimedia communications | 1 |
| 11 | Adaptive packet scheduling scheme to support real-time traffic in WLAN mesh networks | No PDF |
| 12 | Ant-inspired mini-community-based solution for video-on-demand services in wireless mobile networks | 1 |
| 13 | A content centric approach to dissemination of information in vehicular networks | No PDF |
| 14 | Fairness resource allocation in blind wireless multimedia communications | 1 |
| 15 | Collaborative learning automata-based routing for rescue operations in dense urban regions using vehicular sensor networks | 4 |
| 16 | Real-time path planning based on hybrid-VANET-enhanced transportation system | No PDF |
| 17 | [BOOK][B] Vehicular networking | No PDF |
| 18 | Robust vehicle-to-infrastructure video transmission for road surveillance applications | 1 |
| 19 | Balancing wireless data broadcasting and information hovering for efficient information dissemination | No PDF |
| 20 | SocialTube: P2P-assisted video sharing in online social networks | 1 |
| 21 | Video transmission over IEEE 802.11 p: real-world measurements | No PDF |
| 22 | Forward-looking forward error correction mechanism for video streaming over wireless networks | 0 |
| 23 | Towards a content-centric approach to crowd-sensing in vehicular clouds | 1 |
| 24 | The use of automotive radars in video-based overtaking assistance applications | No PDF |

| | Paper Title | |
|---|---|---|
| 25 | Modeling channel allocation for multimedia transmission over infrastructure based cognitive radio networks | 1 |
| 26 | Cooperation advances on vehicular communications: A survey | No PDF |
| 27 | Performance-aware mobile community-based VoD streaming over vehicular ad hoc networks | 1 |
| 28 | Using topology and neighbor information to overcome adverse vehicle density conditions | No PDF |
| 29 | A multi-hop broadcast protocol design for emergency warning notification in highway VANETs | 12 |
| 30 | A hybrid video dissemination protocol for VANETs | No PDF |
| | Total | 35 |

**Paper Title: Prediction-based data aggregation in wireless sensor networks: Combining grey model and Kalman Filter**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | A survey on the taxonomy of cluster-based routing protocols for homogeneous wireless sensor networks | 1 |
| 2 | COCA: Constructing optimal clustering architecture to maximize sensor network lifetime | No PDF |
| 3 | Energy-efficient edge-based network partitioning scheme for wireless sensor networks | 3 |
| 4 | Reducing the data transmission in WSNs using time series prediction model | No PDF |
| 5 | A stable routing framework for tree-based routing structures in WSNs | 1 |
| 6 | Artificial intelligence based cognitive routing for cognitive radio networks | 0 |
| 7 | Energy‐efficient and localized lossy data aggregation in asynchronous sensor networks | 1 |
| 8 | Routing protocol over lossy links for ISA100. 11a industrial wireless networks | 9 |
| 9 | Particle swarm optimization (PSO)-based node and link lifetime prediction algorithm for route recovery in MANET | 5 |
| 10 | Energy consumption and control response evaluations of aodv routing in wsans for building-temperature control | 5 |
| 11 | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| 12 | A novel data fusion scheme using grey model and extreme learning machine in wireless sensor networks | 1 |
| 13 | 1-bit compressive data gathering for wireless sensor networks | No PDF |
| 14 | SAW sensor read range limitations and perspectives | No PDF |
| 15 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 16 | Energy-efficient node selection algorithms with correlation optimization in wireless sensor networks | No PDF |
| 17 | [CITATION][C] A Global Optimization Algorithm for Minimizing Mean Absolute Percentage Error of Nonlinear Forecasting Model. | No PDF |

| | | |
|---|---|---|
| 18 | EE-LEACH: development of energy-efficient LEACH Protocol for data gathering in WSN | 9 |
| 19 | Variable step size LMS Algorithm for Data Prediction in wireless sensor networks | 1 |
| 20 | Data prediction, compression, and recovery in clustered wireless sensor networks for environmental monitoring applications | 1 |
| 21 | Grey system theory-based energy map construction for wireless sensor networks | No PDF |
| 22 | A prediction based data aggregation scheme in wireless sensor networks | No PDF |
| 23 | Wireless networked learning control system based on Kalman filter and biogeography-based optimization method | No PDF |
| 24 | Energy optimization in Zigbee using prediction based shortest path routing algorithm | No PDF |
| 25 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 26 | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| 27 | Robustness analysis for node multilateration localization in wireless sensor networks | 12 |
| 28 | Comparison of Different Data Prediction Methods for Wireless Sensor Networks | 1 |
| 29 | A visibility graph averaging aggregation operator | 1 |
| 30 | A comparative study of QoS performance for location based and corona based real-time routing protocol in mobile wireless sensor networks | 3 |
| | Total | 107 |

**Paper Title: Backpressure-based routing protocol for DTNs**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Directional routing and scheduling for green vehicular delay tolerant networks | 4 |
| 2 | Routing in delay/disruption tolerant networks: A taxonomy, survey and challenges | 1 |
| 3 | Backpressure with adaptive redundancy (BWAR) | 2 |
| 4 | Selfish mules: Social profit maximization in sparse sensornets using rationally-selfish human relays | 1 |
| 5 | Primate-inspired adaptive routing in intermittently connected mobile communication systems | 4 |
| 6 | Artificial intelligence based cognitive routing for cognitive radio networks | 0 |
| 7 | Nbp: An efficient network-coding based backpressure algorithm | No PDF |
| 8 | A distributed gradient-assisted anycast-based backpressure framework for wireless sensor networks | No PDF |
| 9 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 10 | Contention aware mobility prediction routing for intermittently connected mobile networks | 0 |

| | | |
|---|---|---:|
| **11** | A routing algorithm on delay-tolerant of wireless sensor network based on the node selfishness | 3 |
| **12** | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| **13** | Energy-efficient routing and rate allocation for delay tolerant networks | 2 |
| **14** | Multi-Spreader Routing for sparsely populated mobile ad hoc networks | 4 |
| **15** | Threshold based locking routing strategy for delay tolerant network | 1 |
| **16** | A virtual queue-based back-pressure scheduling algorithm for wireless sensor networks | 1 |
| **17** | Opportunistic lookahead routing protocol for delay tolerant networks | 4 |
| **18** | 5G mobile terminals with advanced QoS-based user-centric aggregation (AQUA) for heterogeneous wireless and mobile networks | No PDF |
| **19** | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| **20** | An Efficient, Scalable Key Transport Scheme (ESKTS) for Delay/Disruption Tolerant Networks | 4 |
| **21** | Modeling and simulating traffic congestion propagation in connected vehicles driven by temporal and spatial preference | 29 |
| **22** | On-site configuration of disaster recovery access networks made easy | 10 |
| **23** | A novel multi metric QoS routing protocol for MANET | No PDF |
| **24** | Priority based efficient data scheduling technique for VANETs | No PDF |
| **25** | HCS: hierarchical cluster-based forwarding scheme for mobile social networks | 1 |
| **26** | RVCloud: a routing protocol for vehicular ad hoc network in city environment using cloud computing | 27 |
| **27** | Energy efficient clustering algorithms for wireless sensor networks: novel chemical reaction optimization approach | No PDF |
| **28** | Probability and Priority Based Routing Approach for Opportunistic Networks | No PDF |
| **29** | Local information-based congestion control scheme for space delay/disruption tolerant networks | 6 |
| **30** | Load balancing maximal minimal nodal residual energy ad hoc on-demand multipath distance vector routing protocol (LBMMRE-AOMDV) | 21 |
| | Total | 207 |

**Paper Title: Spatial reusability-aware routing in multi-hop wireless networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| **1** | Vehicle authentication via monolithically certified public key and attributes | 28 |
| **2** | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| **3** | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| **4** | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | No PDF |

**Paper Title: A survey on service-oriented network virtualization toward convergence of networking and cloud computing**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Security and privacy for storage and computation in cloud computing | 2 |
| 2 | Cloud computing service composition: A systematic literature review | 1 |
| 3 | Wireless network virtualization: A survey, some research issues and challenges | No PDF |
| 4 | Web services composition: A decade's overview | No PDF |
| 5 | Security in cloud computing: Opportunities and challenges | 7 |
| 6 | Software defined networking: State of the art and research challenges | No PDF |
| 7 | Cloud service negotiation in internet of things environment: A mixed approach | 1 |
| 8 | Context-aware service composition and delivery in NGSONs over SDN | No PDF |
| 9 | Achieving sub-second downtimes in large-scale virtual machine migrations with LISP | 1 |
| 10 | The fluid internet: service-centric management of a virtualized future internet | 1 |
| 11 | Survey on network virtualization hypervisors for software defined networking | 3 |
| 12 | Securing software defined networks: taxonomy, requirements, and open issues | 1 |
| 13 | Cloud computing in e-Science: research challenges and opportunities | No PDF |
| 14 | Optimal multi-dimensional dynamic resource allocation in mobile cloud computing | 13 |
| 15 | Adaptive provisioning of connectivity-as-a-service for mobile cloud computing | No PDF |
| 16 | Aggressive resource provisioning for ensuring QoS in virtualized environments | 11 |
| 17 | Enhanced attribute based encryption for cloud computing | No PDF |
| 18 | QoE in video streaming over wireless networks: perspectives and research challenges | No PDF |
| 19 | Review and analysis of networking challenges in cloud computing | 2 |
| 20 | Joint VM placement and topology optimization for traffic scalability in dynamic datacenter networks | No PDF |
| 21 | On modeling and optimization for composite network–Cloud service provisioning | 1 |
| 22 | NaaS: QoS-aware Cloud Networking Services | No PDF |
| 23 | ç½'ç»œè™šæ‹ŸåŒ–çš„è¿‡åŽ», çŽ°åœ¨å'Œæœªæ•¥ | No PDF |
| 24 | Effects of Virtualization on Network and Processor Performance Using Open vSwitch and Xen Server | No PDF |
| 25 | Assessment of the Suitability of Fog Computing in the Context of Internet of Things | No PDF |
| 26 | A new delay jitter smoothing algorithm based on Pareto distribution in Cyber-Physical Systems | 9 |
| 27 | A self-adaptive multi-view framework for multi-source information service in cloud ITS | 1 |

| 28 | 5G-enabled tactile internet | 1 |
|---|---|---|
| 29 | A Scheme for Software Defined ORS Satellite Networking | No PDF |
| 30 | Resource-aware virtualization for industrial networks | 1 |
| | Total | 56 |

**Paper Title: Security of the internet of things: Perspectives and challenges**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Data mining for the internet of things: literature review and challenges | No PDF |
| 2 | Implementing smart factory of industrie 4.0: an outlook | No PDF |
| 3 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 4 | An enhanced communication protocol for anonymity and location privacy in WSN | No PDF |
| 5 | Cloud-assisted industrial cyber-physical systems: an insight | 3 |
| 6 | Towards smart factory for industry 4.0: a self-organized multi-agent system with big data based feedback and coordination | 2 |
| 7 | Industrie 4.0: enabling technologies | No PDF |
| 8 | Secure transmission design for cognitive radio networks with Poisson distributed eavesdroppers | 14 |
| 9 | Temporal privacy scheme for end-to-end location privacy in wireless sensor networks | 2 |
| 10 | Fortified anonymous communication protocol for location privacy in WSN: a modular approach | 2 |
| 11 | A sequence number based bait detection scheme to thwart grayhole attack in mobile ad hoc networks | 15 |
| 12 | A modified algorithm to improve security and performance of AODV protocol against black hole attack | No PDF |
| 13 | Security in Software-Defined Networking: Threats and Countermeasures | 2 |
| 14 | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| 15 | Open security and privacy challenges for the internet of things | No PDF |
| 16 | CPSiCGF: A code generation framework for CPS integration modeling | 1 |
| 17 | Game-based data offloading scheme for IoT system traffic congestion problems | 1 |
| 18 | Privacy-preserving QoI-aware participant coordination for mobile crowdsourcing | 1 |
| 19 | IPad: ID-based public auditing for the outsourced data in the standard model | 1 |
| 20 | Context-based search engine for industrial IoT: Discovery, search, selection, and usage of devices | 1 |
| 21 | Energy efficient clustering algorithms for wireless sensor networks: novel chemical reaction optimization approach | No PDF |
| 22 | Energy Management-as-a-Service Over Fog Computing Platform | 18 |
| 23 | Low communication cost (LCC) scheme for localizing mobile wireless sensor networks | No PDF |

| | | |
|---|---|---|
| 24 | A unified approach for detecting and eliminating selfish nodes in MANETs using TBUT | 20 |
| 25 | Novel chemical reaction optimization based unequal clustering and routing algorithms for wireless sensor networks | No PDF |
| 26 | On the estimation of the second largest eigenvalue of Markov ciphers | No PDF |
| 27 | SECURED TRANSMISSION OF DATA IN MOBILE WIRELESS SENSOR NETWORKS | No PDF |
| 28 | The importance of a standard securit y archit ecture for SOA-based iot middleware | 1 |
| 29 | Overview of Research Directions in Systems and Networks Security | 3 |
| 30 | Towards a conceptual framework of OSH risk management in Smart Working Environments based on smart PPE, Ambient Intelligence and the Internet of Things â€¦ | No PDF |
| | Total | 144 |

**Paper Title: Algorithm design for data communications in duty-cycled wireless sensor networks: A survey**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Security of the internet of things: Perspectives and challenges | No PDF |
| 2 | Local area prediction-based mobile target tracking in wireless sensor networks | 3 |
| 3 | Mobile target detection in wireless sensor networks with adjustable sensing frequency | No PDF |
| 4 | Strategies for optimal mac parameters tuning in ieee 802.15. 6 wearable wireless sensor networks | 7 |
| 5 | Energy-efficient reliable data dissemination in duty-cycled wireless sensor networks | 1 |
| 6 | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| 7 | Transmission power control in wireless sensor networks under the minimum connected average node degree constraint | 2 |
| 8 | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| 9 | Impact of static trajectories on localization in wireless sensor networks | No PDF |
| 10 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 11 | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| 12 | EE-LEACH: development of energy-efficient LEACH Protocol for data gathering in WSN | 9 |
| 13 | MEGCOM: Minimum-energy group communication in multihop wireless networks | 1 |
| 14 | Neighbor Discovery for Opportunistic Networking in Internet of Things Scenarios: A Survey | No PDF |
| 15 | Proportional throughput differentiationwith cognitive load-control on WSN channels | 12 |

| | | |
|---|---|---:|
| 16 | On centralized and distributed algorithms for minimizing data aggregation time in duty-cycled wireless sensor networks | 1 |
| 17 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 18 | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| 19 | Robustness analysis for node multilateration localization in wireless sensor networks | 12 |
| 20 | Toward Improved RPL: A Congestion Avoidance Multipath Routing Protocol with Time Factor for Wireless Sensor Networks | No PDF |
| 21 | Securing data exchange in wireless multimedia sensor networks: perspectives and challenges | 13 |
| 22 | Variable-rate transmission method with coordinator election for wireless body area networks | 15 |
| 23 | Collaborative localization and location verification in WSNs | 2 |
| 24 | Msct: an efficient data collection heuristic for wireless sensor networks with limited sensor memory capacity | No PDF |
| 25 | Block design-based asynchronous neighbor discovery protocol for wireless sensor networks | No PDF |
| 26 | Approximation algorithms for broadcasting in duty cycled wireless sensor networks | 1 |
| 27 | Achieving energy efficiency and reliability for data dissemination in duty-cycled WSNs | 1 |
| 28 | A comparative study of QoS performance for location based and corona based real-time routing protocol in mobile wireless sensor networks | 3 |
| 29 | An overview of performance trade-off mechanisms in routing protocol for green wireless sensor networks | 26 |
| 30 | A new delay jitter smoothing algorithm based on Pareto distribution in Cyber-Physical Systems | 9 |
| | Total | 208 |

**Paper Title: Reliable multicast with pipelined network coding using opportunistic feeding and routing**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 2 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 3 | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| 4 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 5 | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |

**Paper Title: Novel overlay/underlay cognitive radio waveforms using SD-SMSE framework to enhance spectrum efficiency-part I: theoretical framework and analysis in AWGN channel**

| Citing Paper Number | Paper Title | Over-cite Count |
|---:|---|---|
| 1 | Signal classification in fading channels using cyclic spectral analysis | 1 |
| 2 | Novel overlay/underlay cognitive radio waveforms using SD-SMSE framework to enhance spectrum efficiency-part II: Analysis in fading channels | 1 |
| 3 | Effect of PAPR reduction on spectrum and energy efficiencies in OFDM systems with class-A HPA over AWGN channel | 1 |
| 4 | Multicarrier modulation and cooperative communication in multihop cognitive radio networks | 0 |
| 5 | Spreading code design of adaptive non-contiguous SOFDM for dynamic spectrum access | 0 |
| 6 | Evolution and future trends of research in cognitive radio: a contemporary survey | No PDF |
| 7 | Bayesian compressed sensing based dynamic joint spectrum sensing and primary user localization for dynamic spectrum access | 1 |
| 8 | Joint spectrum sensing and primary user localization for cognitive radio via compressed sensing | 1 |
| 9 | Joint spectral shaping and power control in spectrum overlay cognitive radio systems | 1 |
| 10 | Cognitive non-continuous carrier interferometry orthogonal signal division multiplex transmission in autonomous vehicular communications | 1 |
| 11 | Cluster-based transform domain communication systems for high spectrum efficiency | 1 |
| 12 | On hybrid overlayâ€"underlay dynamic spectrum access: double-threshold energy detection and Markov model | 1 |
| 13 | A low-interference relay selection for decode-and-forward cooperative network in underlay cognitive radio | No PDF |
| 14 | Spectrally efficient transform domain communication system with quadrature cyclic code shift keying | 0 |
| 15 | On the optimal switching probability for a hybrid cognitive radio system | 0 |
| 16 | [CITATION][C] Pricing based QoS provisioning spectrum management strategy in spectrum underlay multi-channel access cognitive radio networks | No PDF |
| 17 | All-spectrum cognitive networking through joint distributed channelization and routing | 1 |
| 18 | Design of low PAPR fundamental modulation waveform for transform domain communication system | 1 |
| 19 | Real-time cyclostationary analysis for cognitive radio via software defined radio | No PDF |
| 20 | Optimal resource allocation for opportunistic spectrum access in multiple-input multiple-output-orthogonal frequency division multiplexing based cooperative cognitive â€¦ | No PDF |
| 21 | TDCS-based cognitive radio networks with multiuser interference avoidance | 1 |

| | | |
|---|---|---:|
| 22 | Capacity maximisation of the secondary link in cognitive radio networks with hybrid spectrum access strategy | No PDF |
| 23 | Orthogonal transmissions for spectrum underlay MISO cognitive radio | 1 |
| 24 | Orthogonal wavefront-multiplexing architecture for communications in non-contiguous channels | No PDF |
| 25 | Software-defined radio based automatic blind hierarchical modulation detector via second-order cyclostationary analysis and fourth-order cumulant | No PDF |
| 26 | Software defined radio implementation of smse based overlay cognitive radio | 0 |
| 27 | Optimal queueing control in hybrid overlay/underlay spectrum access in cognitive radio networks | 1 |
| 28 | The demonstration of smse based cognitive radio in mobile environment via software defined radio | 1 |
| 29 | A novel multicarrier CDMA transmission scheme for cognitive radios with sidelobe suppression | 1 |
| 30 | [CITATION][C] SMSE waveform design using soft decision selection and dynamic assignment of subcarrier modulation order and power | 0 |
| | Total | 16 |

**Paper Title: Cross-layer support for energy efficient routing in wireless sensor networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | A survey on the ietf protocol suite for the internet of things: Standards, challenges, and opportunities | 0 |
| 2 | A survey of body sensor networks | 6 |
| 3 | A self-optimized multipath routing protocol for wireless sensor networks | 1 |
| 4 | Ant colony inspired self-optimized routing protocol based on cross layer architecture for wireless sensor networks | No PDF |
| 5 | An industrial perspective on wireless sensor networks—a survey of requirements, protocols, and challenges | 1 |
| 6 | A distributed algorithm for energy efficient and fault tolerant routing in wireless sensor networks | 0 |
| 7 | Energy‐efficient beaconless geographic routing in energy harvested wireless sensor networks | 1 |
| 8 | Energy-efficient edge-based network partitioning scheme for wireless sensor networks | 3 |
| 9 | Distributed energy aware routing protocol for wireless sensor network | 1 |
| 10 | Cross layer based biological inspired self-organized routing protocol for wireless sensor network | 1 |
| 11 | Passive cluster-based multipath routing protocol for wireless sensor networks | 6 |
| 12 | Routing protocol over lossy links for ISA100. 11a industrial wireless networks | 9 |
| 13 | Particle swarm optimization (PSO)-based node and link lifetime prediction algorithm for route recovery in MANET | 5 |

| | | |
|---|---|---:|
| **14** | iMASKO: A genetic algorithm based optimization framework for wireless sensor networks | No PDF |
| **15** | Survey on location information services for Vehicular Communication Networks | 4 |
| **16** | An Efficient Routing Protocol Design for Distributed Wireless Sensor Networks | No PDF |
| **17** | Cross layer energy efficient routing (XLE2R) for prolonging lifetime of wireless sensor networks | No PDF |
| **18** | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| **19** | Energy consumption and control response evaluations of aodv routing in wsans for building-temperature control | 5 |
| **20** | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| **21** | 1-bit compressive data gathering for wireless sensor networks | No PDF |
| **22** | Cross layer design for cooperative transmission in wireless sensor networks | No PDF |
| **23** | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| **24** | Energy harvesting in wireless sensor networks: A comprehensive review | 2 |
| **25** | EE-LEACH: development of energy-efficient LEACH Protocol for data gathering in WSN | 9 |
| **26** | Performance evaluation model of optimization methods for wireless sensor networks | No PDF |
| **27** | QoSMOS: cross-layer QoS architecture for wireless multimedia sensor networks | 3 |
| **28** | A cross-layer MAC and routing protocol based on slotted Aloha for Wireless Sensor Networks | 1 |
| **29** | Cross-layer optimisation for quality of service support in wireless sensor networks | 1 |
| **30** | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| | Total | 127 |

**Paper Title: Mobile cloud computing: A survey, state of art and future directions**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | Security in cloud computing: Opportunities and challenges | 7 |
| 2 | Decentralized computation offloading game for mobile cloud computing | 4 |
| 3 | Cloud-assisted body area networks: state-of-the-art and future challenges | No PDF |
| 4 | Application optimization in mobile cloud computing: Motivation, taxonomies, and open challenges | 1 |
| 5 | QoS-aware health monitoring system using cloud-based WBANs | No PDF |
| 6 | On the throughput-energy tradeoff for data transmission between cloud and mobile devices | 1 |

| | | |
|---|---|---|
| 7 | A Review on mobile application energy profiling: Taxonomy, state-of-the-art, and open research issues | 1 |
| 8 | Novel Quick Start (QS) method for optimization of TCP | 3 |
| 9 | Optimal multi-dimensional dynamic resource allocation in mobile cloud computing | 13 |
| 10 | Aggressive resource provisioning for ensuring QoS in virtualized environments | 11 |
| 11 | Traffic aware cross-site virtual machine migration in future mobile cloud computing | 5 |
| 12 | Joint Resource Provisioning for Internet Datacenters with Diverse and Dynamic Traffic | 7 |
| 13 | QoE in video streaming over wireless networks: perspectives and research challenges | No PDF |
| 14 | On the selection of best devices for cooperative wireless content delivery | 1 |
| 15 | Dynamic remote data auditing for securing big data storage in cloud computing | No PDF |
| 16 | Controlling Cloud Data Access Based on Reputation | 1 |
| 17 | Securing Data with Authentication in Mobile Cloud Environment: Methods, Models and Issues | 0 |
| 18 | On optimal and fair service allocation in mobile cloud computing | 2 |
| 19 | A unified cloud authenticator for mobile cloud computing environment | No PDF |
| 20 | Public-key authentication for cloud-based WBANs | No PDF |
| 21 | Cloud-based Mobile Web Service Discovery framework with semantic matchmaking approach | 1 |
| 22 | Mobile Cloud Middleware: Smart Behaviour for Adapting Cloud Services | No PDF |
| 23 | Game-based data offloading scheme for IoT system traffic congestion problems | 1 |
| 24 | Data offloading and task allocation for cloudlet-assisted ad hoc mobile clouds | No PDF |
| 25 | Towards an Offloading Framework based on Big Data Analytics in Mobile Cloud Computing Environments | No PDF |
| 26 | Game-theoretic analysis of computation offloading for cloudlet-based mobile cloud computing | No PDF |
| 27 | Ambient and smartphone sensor assisted ADL recognition in multi-inhabitant smart environments | 16 |
| 28 | RVCloud: a routing protocol for vehicular ad hoc network in city environment using cloud computing | 27 |
| 29 | Energy efficient clustering algorithms for wireless sensor networks: novel chemical reaction optimization approach | No PDF |
| 30 | Energy Management-as-a-Service Over Fog Computing Platform | 18 |
| | Total | 120 |

**Paper Title: Approximating Congestion+ Dilation in Networks via" Quality of Routing&#x201D; Games**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|

| | | |
|---|---|---:|
| 27 | A unified approach for detecting and eliminating selfish nodes in MANETs using TBUT | 20 |
| 28 | Sharing spray and wait routing algorithm in opportunistic networks | No PDF |
| 29 | Way-Point Multicast Routing Framework for improving QoS in hybrid wireless mesh networks | No PDF |
| 30 | Self soft fault detection based routing protocol for vehicular ad hoc network in city environment | 21 |
| | Total | 315 |

**Paper Title: On the partially overlapped channel assignment on wireless mesh network backbone: A game theoretic approach**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | Opportunistic spectrum access using partially overlapping channels: Graphical game and uncoupled learning | 1 |
| 2 | Collaborative learning automata-based routing for rescue operations in dense urban regions using vehicular sensor networks | 4 |
| 3 | Networks of learning automata for the vehicular environment: a performance analysis study | No PDF |
| 4 | An intelligent approach for building a secure decentralized public key infrastructure in VANET | 4 |
| 5 | Bayesian coalition game as-a-service for content distribution in internet of vehicles | 2 |
| 6 | An optimal data collection technique for improved utility in UAS-aided networks | 2 |
| 7 | Novel power-based routing metrics for multi-channel multi-interface wireless mesh networks | 6 |
| 8 | Artificial intelligence based cognitive routing for cognitive radio networks | 0 |
| 9 | Coalition games for spatio-temporal big data in internet of vehicles environment: a comparative analysis | 2 |
| 10 | Resource allocation for multi-channel multi-radio wireless backhaul networks: a game-theoretic approach | No PDF |
| 11 | Bayesian coalition negotiation game as a utility for secure energy management in a vehicles-to-grid environment | 4 |
| 12 | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| 13 | A comprehensive survey of potential game approaches to wireless networks | 1 |
| 14 | Partially overlapped channel assignment for multi-channel multi-radio wireless mesh networks | 1 |
| 15 | A game-theoretic approach to exploit partially overlapping channels in dynamic and distributed networks | 0 |
| 16 | On channel assignment for multicast in multi-radio multi-channel wireless mesh networks: A survey | 0 |
| 17 | When reputation enforces evolutionary cooperation in unreliable MANETs | 6 |
| 18 | Partially overlapping tones for uncoordinated networks | 1 |

| | | |
|---|---|---|
| 19 | A strategy-proof combinatorial heterogeneous channel auction framework in noncooperative wireless networks | 6 |
| 20 | Collaborative-learning-automata-based channel assignment with topology preservation for wireless mesh networks under QoS constraints | 6 |
| 21 | An overview of performance trade-off mechanisms in routing protocol for green wireless sensor networks | 26 |
| 22 | Interference-aware game-based channel assignment algorithm for MR-MC WMNs | 2 |
| 23 | Toward fair maximization of energy efficiency in multiple uas-aided networks: a game-theoretic methodology | 3 |
| 24 | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | No PDF |
| 25 | A beacon transmission power control algorithm based on wireless channel load forecasting in VANETs | No PDF |
| 26 | 5G mobile terminals with advanced QoS-based user-centric aggregation (AQUA) for heterogeneous wireless and mobile networks | No PDF |
| 27 | Design of logical topology with Kâ€•connected constraints and channel assignment for multiâ€•radio wireless mesh networks | No PDF |
| 28 | Joint optimization and threshold structure dynamic programming with enhanced priority scheme for adaptive VANET MAC | 27 |
| 29 | Joint design of density of access points and partially overlapped channel assignment for capacity optimization in wireless networks | 1 |
| 30 | Comparative study of game theoretic approaches in distributed system | No PDF |
| | Total | 122 |

**Paper Title: Joint forensics-scheduling strategy for delay-sensitive multimedia applications over heterogeneous networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | CMT-QA: quality-aware adaptive concurrent multipath data transfer in heterogeneous wireless networks | 1 |
| 2 | myEvalSVC: an Integrated Simulation Framework for Evaluation of H. 264/SVC Transmission. | No PDF |
| 3 | Dynamic multiservice load balancing in cloud-based multimedia system | 1 |
| 4 | A single round-trip SIP authentication scheme for voice over internet protocol using smart card | 1 |
| 5 | Power management in SMAC-based energy-harvesting wireless sensor networks using queuing analysis | 1 |
| 6 | A quality of experience handover architecture for heterogeneous mobile wireless multimedia networks | 1 |
| 7 | Joint physical-application layer security for wireless multimedia delivery | 1 |
| 8 | Ciphertext-policy hierarchical attribute-based encryption with short ciphertexts | 1 |
| 9 | An efficient and secure authentication and key agreement scheme for session initiation protocol using ECC | 1 |

| | | |
|---|---|---|
| 10 | Enabling cyber–physical systems with machine–to–machine technologies | No PDF |
| 11 | Denial of service mitigation approach for IPv6–enabled smart object networks | 0 |
| 12 | A survey of QoS/QoE mechanisms in heterogeneous wireless networks | 1 |
| 13 | An efficient intrusion detection framework in cluster–based wireless sensor networks | No PDF |
| 14 | A relay-assisted protocol for spectrum mobility and handover in cognitive LTE networks | No PDF |
| 15 | A quality of experience handover system for heterogeneous multimedia wireless networks | 1 |
| 16 | A QoE handover architecture for converged heterogeneous wireless networks | No PDF |
| 17 | An image watermarking based on the pdf modeling and quantization effects in the wavelet domain | No PDF |
| 18 | A 3D falling reconstruction system using sensor awareness for ubiquitous healthcare | No PDF |
| 19 | An Unconnected Clustering Negotiation Policy for a Distribution Cognitive Networ | No PDF |
| 20 | Beyond multimedia adaptation: Quality of experience-aware multi-sensorial media delivery | No PDF |
| 21 | MAC layer handover mechanism for continuous communication support in healthcare mobile wireless sensor networks | 1 |
| 22 | Secure and scalable mobility management scheme for the Internet of Things integration in the future internet architecture | No PDF |
| 23 | Analytical and comparative investigation of 60 GHz wireless channels | 1 |
| 24 | QoE in video streaming over wireless networks: perspectives and research challenges | No PDF |
| 25 | Defending jamming attack in wide-area monitoring system for smart grid | 1 |
| 26 | Adaptive message forwarding for avoiding broadcast storm and guaranteeing delay in active safe driving VANET | 14 |
| 27 | Securing data exchange in wireless multimedia sensor networks: perspectives and challenges | 13 |
| 28 | Characterization and modeling of video popularity | 1 |
| 29 | Quality-driven secure audio transmissions in wireless multimedia sensor networks | 1 |
| 30 | A sequence number based bait detection scheme to thwart grayhole attack in mobile ad hoc networks | 15 |
| | Total | 57 |

**Paper Title: Physarum optimization: A biology-inspired algorithm for the steiner tree problem in networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | A biology-based algorithm to minimal exposure problem of wireless sensor networks | 2 |

| | | |
|---|---|---:|
| **30** | Multi-objective fractional artificial bee colony algorithm to energy aware routing protocol in wireless sensor network | No PDF |
| | Total | 306 |

**Paper Title: ReTrust: Attack-resistant and lightweight trust management for medical sensor networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | A survey on ambient intelligence in healthcare | 8 |
| 2 | A survey of body sensor networks | 6 |
| 3 | Secure and lightweight network admission and transmission protocol for body sensor networks | No PDF |
| 4 | A survey of wireless technologies coexistence in WBAN: analysis and open research issues | 9 |
| 5 | PerContRep: a practical reputation system for pervasive content services | 4 |
| 6 | Systematic design of trust management systems for wireless sensor networks: A review | 1 |
| 7 | Autonomic schemes for threat mitigation in Internet of Things | 5 |
| 8 | An enhanced group mobility protocol for 6lowpan-based wireless body area networks | No PDF |
| 9 | A secure trust establishment scheme for wireless sensor networks | 2 |
| 10 | Review of trust models in wireless sensor networks | No PDF |
| 11 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 12 | A novel trust-based secure data aggregation for internet of things | No PDF |
| 13 | An attack-resistant trust model based on multidimensional trust metrics in underwater acoustic sensor network | 1 |
| 14 | Secure authentication and integrity techniques for randomized secured routing in WSN | 4 |
| 15 | Internet of vehicles for E-health applications in view of EMI on medical sensors | No PDF |
| 16 | A survey on lightweight block ciphers for low-resource devices: Comparative study and open issues | 8 |
| 17 | RL-based routing in biomedical mobile wireless sensor networks using trust and reputation | No PDF |
| 18 | EigenTrust-based non-cooperative game model assisting ACO look-ahead secure routing against selfishness | 2 |
| 19 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 20 | A robust trust establishment scheme for wireless sensor networks | 1 |
| 21 | The Role of Ambient Intelligent Technology for Improving the Life Quality of Elderly | 3 |
| 22 | Securing data exchange in wireless multimedia sensor networks: perspectives and challenges | 13 |
| 23 | QoE-based optimal resource allocation in wireless healthcare networks: opportunities and challenges | 13 |

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|---|---|---|
| 24 | Evolutionary game based dynamics of trust decision in WSNs | No PDF |
| 25 | Variable-rate transmission method with coordinator election for wireless body area networks | 15 |
| 26 | Agent-based trusted on-demand routing protocol for mobile ad-hoc networks | 0 |
| 27 | Collaborative lightweight trust management scheme for wireless sensor networks | 1 |
| 28 | A sequence number based bait detection scheme to thwart grayhole attack in mobile ad hoc networks | 15 |
| 29 | An Efficient Next Hop Selection Algorithm for Multi-Hop Body Area Networks | No PDF |
| 30 | A new delay jitter smoothing algorithm based on Pareto distribution in Cyber-Physical Systems | 9 |
| | Total | 150 |

**Paper Title: Interference-based topology control algorithm for delay-constrained mobile ad hoc networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | A review of industrial wireless networks in the context of industry 4.0 | No PDF |
| 2 | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| 3 | Proportional throughput differentiationwith cognitive load-control on WSN channels | 12 |
| 4 | Receiver cooperation in topology control for wireless ad-hoc networks | 1 |
| 5 | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | No PDF |
| 6 | Fuzzy approach to improving route stability of the AODV routing protocol | 8 |
| 7 | A beacon transmission power control algorithm based on wireless channel load forecasting in VANETs | No PDF |
| 8 | 5G mobile terminals with advanced QoS-based user-centric aggregation (AQUA) for heterogeneous wireless and mobile networks | No PDF |
| 9 | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| 10 | Joint optimization and threshold structure dynamic programming with enhanced priority scheme for adaptive VANET MAC | 27 |
| 11 | Load balancing ad hoc on-demand multipath distance vector (LBAOMDV) routing protocol | 27 |
| 12 | Modeling and simulating traffic congestion propagation in connected vehicles driven by temporal and spatial preference | 29 |
| 13 | HierHybNET: Cut-set upper bound of ad hoc networks with cost-effective infrastructure | 15 |
| 14 | RVCloud: a routing protocol for vehicular ad hoc network in city environment using cloud computing | 27 |
| 15 | Load balancing maximal minimal nodal residual energy ad hoc on-demand multipath distance vector routing protocol (LBMMRE-AOMDV) | 21 |

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|---|---|---|
| **16** | Low communication cost (LCC) scheme for localizing mobile wireless sensor networks | No PDF |
| **17** | Sharing spray and wait routing algorithm in opportunistic networks | No PDF |
| **18** | Way-Point Multicast Routing Framework for improving QoS in hybrid wireless mesh networks | No PDF |
| **19** | Cross-layer based congestion detection and routing protocol using fuzzy logic for MANET | No PDF |
| **20** | SECURED TRANSMISSION OF DATA IN MOBILE WIRELESS SENSOR NETWORKS | No PDF |
| **21** | Ant-based routing and QoS-effective data collection for mobile wireless sensor network | No PDF |
| **22** | Capacity of large hybrid erasure networks with random node distribution | No PDF |
| **23** | Evaluation and analysis of an enhanced hybrid wireless mesh protocol for vehicular ad hoc network | 0 |
| **24** | Oblivious routing in wireless mesh networks | No PDF |
| **25** | Secure way routing protocol for mobile ad hoc network | No PDF |
| **26** | Mobility prediction in mobile ad hoc networks using a lightweight genetic algorithm | No PDF |
| **27** | Multipath routing in mobile ad hoc network with probabilistic splitting of traffic | No PDF |
| **28** | Location prediction algorithm for a nonlinear vehicular movement in VANET using extended Kalman filter | No PDF |
| **29** | Energy efficient geographical key management scheme for authentication in mobile wireless sensor networks | No PDF |
| **30** | Nav view search | No PDF |
| | Total | 216 |

**Paper Title: QoE-driven channel allocation schemes for multimedia transmission of priority-based secondary users over cognitive radio networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| **1** | Optimal power allocation and user scheduling in multicell networks: Base station cooperation using a game-theoretic approach | No PDF |
| **2** | Multimedia communications over cognitive radio networks for smart grid applications | 1 |
| **3** | Distributed wireless video scheduling with delayed control information | 0 |
| **4** | A buffer-aware HTTP live streaming approach for SDN-enabled 5G wireless networks | 1 |
| **5** | From QoS to QoE: a tutorial on video quality assessment | 1 |
| **6** | Artificial intelligence based cognitive routing for cognitive radio networks | 0 |
| **7** | Reliable adaptive resource management for cognitive cloud vehicular networks | 1 |
| **8** | Distributed and adaptive resource management in cloud-assisted cognitive radio vehicular networks with hard reliability guarantees | No PDF |
| **9** | Quality of experience for spatial cognitive systems within multiple antenna scenarios | 1 |

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|---|---|---|
| **10** | Perceptual experience oriented transmission scheduling for scalable video streaming over cognitive radio networks | No PDF |
| **11** | QoE driven video streaming in cognitive radio networks: The case of single channel access | 1 |
| **12** | Frequency resource allocation strategy with QoS support in hybrid cellular and Device‐to‐Device networks | 1 |
| **13** | QoE in video streaming over wireless networks: perspectives and research challenges | No PDF |
| **14** | Network economics in cognitive networks | 1 |
| **15** | Analysis on the transmission delay of priority-based secondary users in cognitive radio networks. | 1 |
| **16** | QoS Aware Integrated Call Admission and Cognitive Channel Allocation Scheme for A Macro-Femto BWA Network | No PDF |
| **17** | Secure transmission design for cognitive radio networks with Poisson distributed eavesdroppers | 14 |
| **18** | Adaptive message forwarding for avoiding broadcast storm and guaranteeing delay in active safe driving VANET | 14 |
| **19** | A strategy-proof combinatorial heterogeneous channel auction framework in noncooperative wireless networks | 6 |
| **20** | Incentivize cooperative sensing in distributed cognitive radio networks with reputation-based pricing | 0 |
| **21** | Sequential channel sensing in cognitive small cell based on user traffic | 1 |
| **22** | Utility-based H. 264/SVC video streaming over multi-channel cognitive radio networks | No PDF |
| **23** | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | No PDF |
| **24** | Towards sensitive link quality prediction in ad hoc routing protocol based on grey theory | 13 |
| **25** | LEAUCH: low-energy adaptive uneven clustering hierarchy for cognitive radio sensor network | 4 |
| **26** | MOS-based channel allocation schemes for mixed services over cognitive radio networks | No PDF |
| **27** | Game-based data offloading scheme for IoT system traffic congestion problems | 1 |
| **28** | Cross-Layer Opportunistic Scheduling for Device-to-Device Video Multicast Services | No PDF |
| **29** | Upper and lower bounds of Choice Number for successful channel assignment in cellular networks | No PDF |
| **30** | Connectivity management to support reliable communication on Cognitive vehicular networks | No PDF |
| | Total | 62 |

**Paper Title: Context-aware middleware for multimedia services in heterogeneous networks**

| **Citing Paper Number** | Paper Title | Over-cite Count |
|---|---|---|

| | | |
|---|---|---|
| 29 | Context modeling in collaborative sensor network applications | No PDF |
| 30 | Design and integration of the OpenCore-based mobile TV framework for DVB-H/T wireless network | 1 |
| | Total | 31 |

**Paper Title: Software-defined and virtualized future mobile and wireless networks: A survey**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Survey on network virtualization hypervisors for software defined networking | 3 |
| 2 | Software-defined network function virtualization: a survey | No PDF |
| 3 | Software-defined mobile networks security | 3 |
| 4 | Mobile M2M communication architectures, upcoming challenges, applications, and future directions | 10 |
| 5 | SDN and virtualization-based LTE mobile network architectures: A comprehensive survey | 1 |
| 6 | Suboptimal beam search algorithm and codebook design for millimeter-wave communications | 1 |
| 7 | Secure and dependable software defined networks | 0 |
| 8 | Design and implementation of a software-defined mobility architecture for IP networks | 1 |
| 9 | Mininet-WiFi: Emulating software-defined wireless networks | 1 |
| 10 | Secure transmission design for cognitive radio networks with Poisson distributed eavesdroppers | 14 |
| 11 | Mobility-aware QoS assurance in software-defined radio access networks: An analytical study | No PDF |
| 12 | Security in Software-Defined Networking: Threats and Countermeasures | 2 |
| 13 | On optimal and fair service allocation in mobile cloud computing | 2 |
| 14 | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | No PDF |
| 15 | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| 16 | 5G ç§»åŠ¨é€šä¿¡ç½‘ç»œå…³é"®æŠ€æœ¯ç»¼è¿° | No PDF |
| 17 | Context-Aware User Association for Energy Cost Saving in a Green Heterogeneous Network with Hybrid Energy Supplies | 9 |
| 18 | The Characterizes of Communication Contacts Between Vehicles and Intersections for Software-Defined Vehicular Networks | 1 |
| 19 | HierHybNET: Cut-set upper bound of ad hoc networks with cost-effective infrastructure | 15 |
| 20 | Energy Management-as-a-Service Over Fog Computing Platform | 18 |
| 21 | WiFi Network Virtualization to Control the Connectivity of a Target Service | 0 |
| 22 | Sharing spray and wait routing algorithm in opportunistic networks | No PDF |
| 23 | PowerNap: a power-aware distributed Wi-Fi access point scheduling algorithm | 7 |

| | | |
|---|---|---|
| 24 | [CITATION][C] SBMP: An SDN-based Mobility Management Protocol to Support Seamless Handover | No PDF |
| 25 | Cross-layer based congestion detection and routing protocol using fuzzy logic for MANET | No PDF |
| 26 | SECURED TRANSMISSION OF DATA IN MOBILE WIRELESS SENSOR NETWORKS | No PDF |
| 27 | Power optimization using massive MIMO and small cells approach in different deployment scenarios | No PDF |
| 28 | Ant-based routing and QoS-effective data collection for mobile wireless sensor network | No PDF |
| 29 | Capacity of large hybrid erasure networks with random node distribution | No PDF |
| 30 | Secure way routing protocol for mobile ad hoc network | No PDF |
| | Total | 117 |

**Paper Title: Comparative analysis of quality of service and memory usage for adaptive failure detectors in healthcare systems**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Medical QoS provision based on reinforcement learning in ultrasound streaming over 3.5 G wireless systems | 1 |
| 2 | A survey of wireless technologies coexistence in WBAN: analysis and open research issues | 9 |
| 3 | Study on the context-aware middleware for ubiquitous greenhouses using wireless sensor networks | 3 |
| 4 | Green cloud computing schemes based on networks: a survey | 3 |
| 5 | Machine-to-machine communications for healthcare | No PDF |
| 6 | An energy€•efficient scheme in next€•generation sensor networks | 2 |
| 7 | RFH: A resilient, fault-tolerant and high-efficient replication algorithm for distributed cloud storage | 1 |
| 8 | A real-time dynamic key management for hierarchical wireless multimedia sensor network | 3 |
| 9 | A security and trust framework for virtualized networks and software€•defined networking | 7 |
| 10 | A survey on fault-tolerance in distributed network systems | No PDF |
| 11 | SC-OA: A secure and efficient scheme for origin authentication of interdomain routing in cloud computing networks | 2 |
| 12 | Node selection algorithms with data accuracy guarantee in service-oriented wireless sensor networks | No PDF |
| 13 | A structure fidelity approach for big data collection in wireless sensor networks | 1 |
| 14 | The effect and strategy research of the secure E-commerce by the application of P2P | 3 |
| 15 | Security analysis and improvements of IEEE standard 802.16 in next generation wireless metropolitan access network | 1 |
| 16 | A novel and efficient source-path discovery and maintenance method for application layer multicast | 3 |

| | | |
|---|---|---|
| 17 | Scheduling security-critical multimedia applications in heterogeneous networks | No PDF |
| 18 | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| 19 | Internet of vehicles for E-health applications in view of EMI on medical sensors | No PDF |
| 20 | [CITATION][C] Modeling of failure detector based on message delay prediction mechanism | 1 |
| 21 | Security enhancement mechanism based on contextual authentication and role analysis for 2G-RFID systems | 3 |
| 22 | BCHED-Energy Balanced Sub-Round Local Topology Management for Wireless Sensor Network | No PDF |
| 23 | 2w-fd: A failure detector algorithm with qos | 3 |
| 24 | JSOD: JavaScript obfuscation detector | No PDF |
| 25 | QoE-based optimal resource allocation in wireless healthcare networks: opportunities and challenges | 13 |
| 26 | Mobile crowd sensing for traffic prediction in internet of vehicles | 5 |
| 27 | Variable-rate transmission method with coordinator election for wireless body area networks | 15 |
| 28 | é⃝¢å⃝'å®¹ç⃝¾çš„è‡ªé€,åº"æ•…éšœæ£€æµ‹æ¡†æž¶ç"ç©¶ | No PDF |
| 29 | An Efficient Next Hop Selection Algorithm for Multi-Hop Body Area Networks | No PDF |
| 30 | Lattice-reduction-aided semidefinite relaxation detection algorithms for multiple-input multipleoutput systems | No PDF |
| | Total | 99 |

**Paper Title: Managing performance overhead of virtual machines in cloud computing: A survey, state of the art, and future directions**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | An online auction framework for dynamic resource provisioning in cloud computing | 1 |
| 2 | Building a network highway for big data: architecture and challenges | No PDF |
| 3 | On efficient bandwidth allocation for traffic variability in datacenters | No PDF |
| 4 | A survey on virtual machine migration and server consolidation frameworks for cloud data centers | 1 |
| 5 | Cloud computing resource scheduling and a survey of its evolutionary approaches | 1 |
| 6 | When smart grid meets geo-distributed cloud: An auction approach to datacenter demand response | 1 |
| 7 | Appatp: An energy conserving adaptive mobile-cloud transmission protocol | 1 |
| 8 | Virtual machine migration in cloud data centers: a review, taxonomy, and open research issues | 1 |
| 9 | An energy-saving task scheduling strategy based on vacation queuing theory in cloud computing | No PDF |

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| 10 | Fair network bandwidth allocation in iaas datacenters via a cooperative game approach | No PDF |
| 11 | Cloud computing in e-Science: research challenges and opportunities | No PDF |
| 12 | New bandwidth sharing and pricing policies to achieve a win-win situation for cloud provider and tenants | 0 |
| 13 | Partial utility-driven scheduling for flexible sla and pricing arbitration in clouds | No PDF |
| 14 | An online mechanism for resource allocation and pricing in clouds | No PDF |
| 15 | Optimal multi-dimensional dynamic resource allocation in mobile cloud computing | 13 |
| 16 | Aggressive resource provisioning for ensuring QoS in virtualized environments | No PDF |
| 17 | Traffic aware cross-site virtual machine migration in future mobile cloud computing | No PDF |
| 18 | I-sieve: an inline high performance deduplication system used in cloud storage | No PDF |
| 19 | Joint Resource Provisioning for Internet Datacenters with Diverse and Dynamic Traffic | 7 |
| 20 | Mutual influence of application-and platform-level adaptations on energy-efficient computing | 1 |
| 21 | Dynamic remote data auditing for securing big data storage in cloud computing | No PDF |
| 22 | Optimal deployment of open source application servers providing multimedia services | 0 |
| 23 | Stochastic thermal-aware real-time task scheduling with considerations of soft errors | 1 |
| 24 | Performance modeling and analysis of virtualized multi-tier applications under dynamic workloads | 1 |
| 25 | Modeling and analysis on congestion control for data transmission in sensor clouds | No PDF |
| 26 | Scalable correlation-aware virtual machine consolidation using two-phase clustering | 1 |
| 27 | A survey on data center networking for cloud computing | 8 |
| 28 | Joint Optimization of Operational Cost and Performance Interference in Cloud Data Centers | 1 |
| 29 | Heterogeneity and interference-aware virtual machine provisioning for predictable performance in the cloud | No PDF |
| 30 | Network-Aware Task Assignment for MapReduce Applications in Shared Clusters | 1 |
| | Total | 40 |

**Paper Title: Nodes organization for channel assignment with topology preservation in multi-radio wireless mesh networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|

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|---|---|---:|
| 25 | A comparative study of QoS performance for location based and corona based real-time routing protocol in mobile wireless sensor networks | No PDF |
| 26 | An overview of performance trade-off mechanisms in routing protocol for green wireless sensor networks | 26 |
| 27 | A new delay jitter smoothing algorithm based on Pareto distribution in Cyber-Physical Systems | 9 |
| 28 | A new clustering routing method based on PECE for WSN | 1 |
| 29 | Multi-criteria based multipath OLSR for battery and queue-aware routing in multi-hop ad hoc wireless networks | 10 |
| 30 | Towards sensitive link quality prediction in ad hoc routing protocol based on grey theory | 13 |
| | Total | 183 |

**Paper Title: Tight performance bounds of multihop fair access for MAC protocols in wireless sensor networks and underwater sensor networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---:|---|---|
| 1 | Internet of things' authentication and access control | No PDF |
| 2 | Passive cluster-based multipath routing protocol for wireless sensor networks | 6 |
| 3 | Routing protocol over lossy links for ISA100. 11a industrial wireless networks | 9 |
| 4 | iMASKO: A genetic algorithm based optimization framework for wireless sensor networks | No PDF |
| 5 | A cooperative MAC protocol with rapid relay selection for wireless ad hoc networks | 4 |
| 6 | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| 7 | Node deployment algorithm based on connected tree for underwater sensor networks | 1 |
| 8 | UA-MAC: an underwater acoustic channel access method for dense mobile underwater sensor networks | No PDF |
| 9 | Transmission power control in wireless sensor networks under the minimum connected average node degree constraint | 2 |
| 10 | Novel Quick Start (QS) method for optimization of TCP | No PDF |
| 11 | 1-bit compressive data gathering for wireless sensor networks | No PDF |
| 12 | Impact of static trajectories on localization in wireless sensor networks | No PDF |
| 13 | Monitoring power transmission lines using a wireless sensor network | 1 |
| 14 | QoSMOS: cross-layer QoS architecture for wireless multimedia sensor networks | 3 |
| 15 | Proportional throughput differentiationwith cognitive load-control on WSN channels | 12 |
| 16 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 17 | A rapid cooperation-differentiated medium access control protocol with packet piggyback for multihop wireless networks | 1 |
| 18 | MAC layer protocols for linear wireless sensor networks: a survey | No PDF |

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|---|---|---|
| **19** | Variable-rate transmission method with coordinator election for wireless body area networks | 15 |
| **20** | Comprehensive event based estimation of sensor node distribution strategies using classical flooding routing protocol in wireless sensor networks | 0 |
| **21** | Modeling and simulation of networked low-power embedded systems: a taxonomy | 12 |
| **22** | A comparative study of QoS performance for location based and corona based real-time routing protocol in mobile wireless sensor networks | No PDF |
| **23** | A novel real-time scheme for (m, k)-firm streams in wireless sensor networks | 4 |
| **24** | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | No PDF |
| **25** | A new clustering routing method based on PECE for WSN | 1 |
| **26** | A beacon transmission power control algorithm based on wireless channel load forecasting in VANETs | No PDF |
| **27** | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| **28** | Coordinated movement of multiple mobile sinks in a wireless sensor network for improved lifetime | 12 |
| **29** | Significanceâ€"based energyâ€"efficient path selection for multiâ€"source underwater sensor networks | No PDF |
| **30** | Joint optimization and threshold structure dynamic programming with enhanced priority scheme for adaptive VANET MAC | 27 |
| | Total | 158 |

**Paper Title: An OSPF-integrated routing strategy for QoS-aware energy saving in IP backbone networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Greener networking in a network virtualization environment | 1 |
| 2 | Energy management through optimized routing and device powering for greener communication networks | No PDF |
| 3 | Cloud computing: Survey on energy efficiency | 5 |
| 4 | Energy-aware IP traffic engineering with shortest path routing | No PDF |
| 5 | Energy-aware traffic engineering: A routing-based distributed solution for connection-oriented IP networks | No PDF |
| 6 | Sleep modes effectiveness in backbone networks with limited configurations | 1 |
| 7 | Efficient heuristics for energy-aware routing in networks with bundled links | 1 |
| 8 | The Green Abstraction Layer: A Standard Power-Management Interface for Next-Generation Network Devices. | No PDF |
| 9 | On the effectiveness of sleep modes in backbone networks with limited configurations | No PDF |

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|---|---|---|
| 10 | Optimizing link sleeping reconfigurations in ISP networks with off-peak time failure protection | 1 |
| 11 | Green IGP link weights for energy-efficiency and load-balancing in IP backbone networks | No PDF |
| 12 | OSPF optimization via dynamic network management for green IP networks | No PDF |
| 13 | Leveraging MPLS backup paths for distributed energy-aware traffic engineering | 1 |
| 14 | An optimization-based robust routing algorithm to energy-efficient networks for cloud computing | No PDF |
| 15 | Energy saving improvements in IP networks through table lookup bypass in router line cards | No PDF |
| 16 | Novel power-based routing metrics for multi-channel multi-interface wireless mesh networks | 6 |
| 17 | Reducing power consumption in backbone IP networks through table lookup bypass | 1 |
| 18 | Evaluation of power saving and feasibility study of migrations solutions in a virtual router network | No PDF |
| 19 | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| 20 | High-throughput transmission-quality-aware broadcast routing in cognitive radio networks | No PDF |
| 21 | Energy-aware traffic engineering with elastic demands and MMF bandwidth allocation | No PDF |
| 22 | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| 23 | Optimizing IGP link weights for energy-efficiency in multi-period traffic matrices | No PDF |
| 24 | On IGP link weight optimization for joint energy efficiency and load balancing improvement | 1 |
| 25 | Optimising data placement and traffic routing for energy saving in Backbone Networks | 1 |
| 26 | Operator-friendly traffic engineering in IP/MPLS core networks | 1 |
| 27 | Freezing forwarding functionality to make the network greener | No PDF |
| 28 | Adaptive message forwarding for avoiding broadcast storm and guaranteeing delay in active safe driving VANET | No PDF |
| 29 | Designing optimal energy profiles for network hardware | No PDF |
| 30 | An adaptive load-aware routing algorithm for multi-interface wireless mesh networks | 3 |
| | Total | 65 |

**Paper Title: DTRAB: Combating against attacks on encrypted protocols through traffic-feature analysis**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|

| | Total | 110 |
|---|---|---|

**Paper Title: A biology-based algorithm to minimal exposure problem of wireless sensor networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Artificial intelligence based cognitive routing for cognitive radio networks | 0 |
| 2 | Novel Quick Start (QS) method for optimization of TCP | 3 |
| 3 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 4 | An improved multipath MANET routing using link estimation and swarm intelligence | 20 |
| 5 | EE-LEACH: development of energy-efficient LEACH Protocol for data gathering in WSN | 9 |
| 6 | A new delay jitter smoothing algorithm based on Pareto distribution in Cyber-Physical Systems | 9 |
| 7 | A new clustering routing method based on PECE for WSN | 1 |
| 8 | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| 9 | Distributed power-source-aware routing in wireless sensor networks | 11 |
| 10 | Load balancing ad hoc on-demand multipath distance vector (LBAOMDV) routing protocol | 27 |
| 11 | On-site configuration of disaster recovery access networks made easy | 10 |
| 12 | An analytical geometric range free localization scheme based on mobile beacon points in wireless sensor network | No PDF |
| 13 | A Survey of Self-Organization Mechanisms in Multiagent Systems | No PDF |
| 14 | Energy efficient clustering algorithms for wireless sensor networks: novel chemical reaction optimization approach | No PDF |
| 15 | Performance evaluation of WSN management system for QoS guarantee | 11 |
| 16 | LEACH-MAC: a new cluster head selection algorithm for Wireless Sensor Networks | 22 |
| 17 | An architecture for (m, k)-firm real-time streams in wireless sensor networks | 21 |
| 18 | Artificial Intelligence-Based Techniques for Emerging Heterogeneous Network: State of the Arts, Opportunities, and Challenges | No PDF |
| 19 | Sharing spray and wait routing algorithm in opportunistic networks | No PDF |
| 20 | Novel chemical reaction optimization based unequal clustering and routing algorithms for wireless sensor networks | No PDF |
| 21 | Way-Point Multicast Routing Framework for improving QoS in hybrid wireless mesh networks | No PDF |
| 22 | gTBS: a green Task-Based sensing for energy efficient wireless sensor networks | 4 |
| 23 | Self soft fault detection based routing protocol for vehicular ad hoc network in city environment | 21 |
| 24 | Cross-layer based congestion detection and routing protocol using fuzzy logic for MANET | No PDF |

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| 25 | SECURED TRANSMISSION OF DATA IN MOBILE WIRELESS SENSOR NETWORKS | No PDF |
| 26 | Ant-based routing and QoS-effective data collection for mobile wireless sensor network | No PDF |
| 27 | NODIC: a novel distributed clustering routing protocol in WSNs by using a time-sharing approach for CH election | 20 |
| 28 | Multi-objective fractional artificial bee colony algorithm to energy aware routing protocol in wireless sensor network | No PDF |
| 29 | Multipath routing in mobile ad hoc network with probabilistic splitting of traffic | No PDF |
| 30 | Location prediction algorithm for a nonlinear vehicular movement in VANET using extended Kalman filter | No PDF |
| | Total | 222 |

**Paper Title: Interoperable and adaptive fuzzy services for ambient intelligence applications**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | A survey on ambient intelligence in healthcare | 8 |
| 2 | Granular computing: perspectives and challenges | No PDF |
| 3 | Web services composition: A decade's overview | No PDF |
| 4 | Online recognition of human activities and adaptation to habit changes by means of learning automata and fuzzy temporal windows | 1 |
| 5 | Decision making with a fuzzy ontology | 0 |
| 6 | Fuzzy ontologies-based user profiles applied to enhance e-learning activities | 1 |
| 7 | Tools for the rapid prototyping of provably correct ambient intelligence applications | 1 |
| 8 | A system-on-chip development of a neuro–fuzzy embedded agent for ambient-intelligence environments | No PDF |
| 9 | Genetic fuzzy markup language for game of NoGo | 1 |
| 10 | Activity modeling under uncertainty by trace of objects in smart homes | 1 |
| 11 | A novel genetic fuzzy markup language and its application to healthy diet assessment | No PDF |
| 12 | An approximation of interval type-2 fuzzy controllers using fuzzy ratio switching type-1 fuzzy controllers | 1 |
| 13 | A Survey of Fuzzy Systems Software: Taxonomy, Current Research Trends, and Prospects | 9 |
| 14 | T2FS-based adaptive linguistic assessment system for semantic analysis and human performance evaluation on game of Go | No PDF |
| 15 | Cooperative fuzzy controllers for autonomous voltage regulation in smart grids | 1 |
| 16 | Crowdsourcing techniques to create a fuzzy subset of SNOMED CT for semantic tagging of medical documents | 1 |
| 17 | A fuzzy logic approach for learning daily human activities in an Ambient Intelligent Environment | No PDF |

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| **18** | Updating generalized association rules with evolving fuzzy taxonomies | | 1 |
| **19** | A tabu search algorithm for routing optimization in mobile ad-hoc networks | | 5 |
| **20** | Sleep monitoring system in real bedroom environment using texture-based background modeling approaches | | 1 |
| **21** | Fuzzy markup language for malware behavioral analysis | No PDF | |
| **22** | Fuzzy markup language for university assessment | No PDF | |
| **23** | Towards an ideal service QoS in fuzzy logic-based adaptation planning middleware | | 1 |
| **24** | Genetic fuzzy markup language for diet application | No PDF | |
| **25** | Human centricity and information granularity in the agenda of theories and applications of soft computing | | 4 |
| **26** | A multi-agent system for enabling collaborative situation awareness via position-based stigmergy and neuro-fuzzy learning | No PDF | |
| **27** | A dynamic security framework for ambient intelligent systems: a smart-home based eHealth application | No PDF | |
| **28** | A query-oriented XML text summarization for mobile devices | | 1 |
| **29** | Ambient intelligent environments and environmental decisions via agent-based systems | No PDF | |
| | | **30** A hierarchical approach to assess keyword dependencies in fuzzy keyword ontologies | No PDF |
| | | Total | 38 |

**Appendix C:** Number of Over-cite by the Top 30 Citing Papers from Papers with More Than 30 citations from Author A's Top 100 Most Recent Papers in July 2016.

**Paper Title: Delay tolerant networks: Protocols and applications**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Secure and privacy preserving protocol for cloud-based vehicular DTNs | 5 |
| 2 | Cedo: Content-centric dissemination algorithm for delay-tolerant networks | 1 |
| 3 | Effect of traffic volume in real-time disaster evacuation guidance using opportunistic communications | No PDF |
| 4 | Real-time disaster evacuation guidance using opportunistic communications | No PDF |
| 5 | Wireless contacts, Facebook friendships and interests: Analysis of a multi-layer social network in an academic environment | No PDF |
| 6 | Routing protocol over lossy links for ISA100. 11a industrial wireless networks | 9 |
| 7 | Survey on location information services for Vehicular Communication Networks | 4 |
| 8 | Disaster evacuation guidance using opportunistic communication: The potential for opportunity-based service | 2 |
| 9 | Homesick lévy walk and optimal forwarding criterion of utility-based routing under sequential encounters | 1 |
| 10 | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| 11 | On storage dynamics of space delay/disruption tolerant network node | 3 |
| 12 | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| 13 | Novel Quick Start (QS) method for optimization of TCP | 3 |
| 14 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 15 | High-throughput transmission-quality-aware broadcast routing in cognitive radio networks | No PDF |
| 16 | Impact of static trajectories on localization in wireless sensor networks | No PDF |
| 17 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 18 | Visible light communications for entertainment networking | No PDF |
| 19 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 20 | A routing algorithm on delay-tolerant of wireless sensor network based on the node selfishness | No PDF |
| 21 | Particle swarm optimization in intelligent routing of delay-tolerant network routing | No PDF |
| 22 | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| 23 | Multi-Spreader Routing for sparsely populated mobile ad hoc networks | 4 |
| 24 | Path diversified multi-QoS optimization in multi-channel wireless mesh networks | No PDF |

| | | |
|---|---|---|
| **25** | Adaptive message forwarding for avoiding broadcast storm and guaranteeing delay in active safe driving VANET | 14 |
| **26** | Securing data exchange in wireless multimedia sensor networks: perspectives and challenges | 13 |
| **27** | Exploring an energy-efficient DTN framework supporting disaster management services in post disaster relief operation | 7 |
| **28** | An adaptive load-aware routing algorithm for multi-interface wireless mesh networks | 3 |
| **29** | Quality of service management for IPTV services support in VANETs: a performance evaluation study | No PDF |
| **30** | Modeling and simulation of networked low-power embedded systems: a taxonomy | No PDF |
| | Total | 167 |

**Paper Title: A framework for truthful online auctions in cloud computing with heterogeneous user demands**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Dynamic resource provisioning in cloud computing: A randomized auction approach | 1 |
| 2 | An online auction framework for dynamic resource provisioning in cloud computing | 1 |
| 3 | Cloud federations in the sky: Formation game and mechanism | 3 |
| 4 | Dynamic pricing and profit maximization for the cloud with geo-distributed data centers | 1 |
| 5 | Incentive-compatible online mechanisms for resource provisioning and allocation in clouds | 1 |
| 6 | A voting-based femtocell downlink cell-breathing control mechanism | no pdf |
| 7 | Core-selecting auctions for dynamically allocating heterogeneous vms in cloud computing | 1 |
| 8 | A PTAS mechanism for provisioning and allocation of heterogeneous cloud resources | 2 |
| 9 | Continuous double auction mechanism and bidding strategies in cloud computing markets | 0 |
| 10 | Flexauc: Serving dynamic demands in spectrum trading markets with flexible auction | 1 |
| 11 | Auction based resource allocation in cloud computing | no pdf |
| 12 | STAR: strategy-proof double auctions for multi-cloud, multi-tenant bandwidth reservation | 3 |
| 13 | An online mechanism for resource allocation and pricing in clouds | no pdf |
| 14 | Joint pricing and capacity planning in the iaas cloud market | no pdf |

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|---|---|---|
| 15 | Truthful auction mechanism design for short-interval secondary spectrum access market | 1 |
| 16 | RSMOA: A revenue and social welfare maximizing online auction for dynamic cloud resource provisioning | 1 |
| 17 | Optimal multi-dimensional dynamic resource allocation in mobile cloud computing | no pdf |
| 18 | A truthful (1-Î¼)-optimal mechanism for on-demand cloud resource provisioning | 1 |
| 19 | Resource allocation in cloud environment: a model based on double multi-attribute auction mechanism | no pdf |
| 20 | A two-sided market mechanism for trading big data computing commodities | 2 |
| 21 | Aggressive resource provisioning for ensuring QoS in virtualized environments | 11 |
| 22 | FlexAuc: Serving dynamic demands in a spectrum trading market with flexible auction | 1 |
| 23 | Joint Resource Provisioning for Internet Datacenters with Diverse and Dynamic Traffic | 7 |
| 24 | Fine-grained multi-resource scheduling in cloud datacenters | 0 |
| 25 | A strategy-proof combinatorial heterogeneous channel auction framework in noncooperative wireless networks | 6 |
| 26 | Online combinatorial double auction for mobile cloud computing markets | 1 |
| 27 | Online auctions in IaaS clouds: welfare and profit maximization with server costs | 1 |
| 28 | A socially optimal resource and revenue sharing mechanism in cloud federations | no pdf |
| 29 | Head: A hybrid spectrum trading framework for qos-aware secondary users | no pdf |
| 30 | Joint Optimization of Operational Cost and Performance Interference in Cloud Data Centers | 1 |
| | Total | 47 |

**Paper Title: Spatial reusability-aware routing in multi-hop wireless networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 2 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 3 | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| 4 | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | no pdf |
| 5 | Fuzzy approach to improving route stability of the AODV routing protocol | no pdf |
| 6 | A beacon transmission power control algorithm based on wireless channel load forecasting in VANETs | no pdf |
| 7 | 5G mobile terminals with advanced QoS-based user-centric aggregation (AQUA) for heterogeneous wireless and mobile networks | no pdf |
| 8 | Energy harvesting and battery power based routing in wireless sensor networks | 29 |

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|---|---|---:|
| 9 | Joint optimization and threshold structure dynamic programming with enhanced priority scheme for adaptive VANET MAC | 27 |
| 10 | Load balancing ad hoc on-demand multipath distance vector (LBAOMDV) routing protocol | no pdf |
| 11 | Modeling and simulating traffic congestion propagation in connected vehicles driven by temporal and spatial preference | 29 |
| 12 | On-site configuration of disaster recovery access networks made easy | 10 |
| 13 | A novel multi metric QoS routing protocol for MANET | no pdf |
| 14 | Priority based efficient data scheduling technique for VANETs | no pdf |
| 15 | HierHybNET: Cut-set upper bound of ad hoc networks with cost-effective infrastructure | 15 |
| 16 | RVCloud: a routing protocol for vehicular ad hoc network in city environment using cloud computing | 27 |
| 17 | Performance evaluation of WSN management system for QoS guarantee | no pdf |
| 18 | Load balancing maximal minimal nodal residual energy ad hoc on-demand multipath distance vector routing protocol (LBMMRE-AOMDV) | 21 |
| 19 | Low communication cost (LCC) scheme for localizing mobile wireless sensor networks | no pdf |
| 20 | New Perspectives on Future Smart FiWi Networks: Scalability, Reliability, and Energy Efficiency | 2 |
| 21 | Sharing spray and wait routing algorithm in opportunistic networks | no pdf |
| 22 | Way-Point Multicast Routing Framework for improving QoS in hybrid wireless mesh networks | no pdf |
| 23 | Self soft fault detection based routing protocol for vehicular ad hoc network in city environment | 21 |
| 24 | Cross-layer based congestion detection and routing protocol using fuzzy logic for MANET | no pdf |
| 25 | SECURED TRANSMISSION OF DATA IN MOBILE WIRELESS SENSOR NETWORKS | 0 |
| 26 | Oblivious routing in wireless mesh networks | no pdf |
| 27 | NODIC: a novel distributed clustering routing protocol in WSNs by using a time-sharing approach for CH election | 20 |
| 28 | Secure way routing protocol for mobile ad hoc network | no pdf |
| 29 | Multi-objective fractional artificial bee colony algorithm to energy aware routing protocol in wireless sensor network | no pdf |
| 30 | Mobility prediction in mobile ad hoc networks using a lightweight genetic algorithm | no pdf |
| | Total | 258 |

**Paper Title: A survey of millimeter wave communications (mmWave) for 5G: opportunities and challenges**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Millimeter wave cellular networks: A MAC layer perspective | 1 |
| 2 | User association in 5G networks: A survey and an outlook | 2 |
| 3 | The transitional behavior of interference in millimeter wave networks and its impact on medium access control | 2 |
| 4 | On Link Scheduling Under Blockage and Interference in 60-GHz Ad Hoc Networks | no pdf |
| 5 | A survey on 5G: The next generation of mobile communication | 2 |
| 6 | Impact of reflections in enclosed mmWave wearable networks | no pdf |
| 7 | Assessing system-level energy efficiency of mmwave-based wearable networks | 1 |
| 8 | Boosting Spatial Reuse via Multiple Paths Multi-Hop Scheduling for Directional mmWave WPANs | 1 |
| 9 | Design aspects of short-range millimeter-wave networks: A MAC layer perspective | 2 |
| 10 | Multi-Resolution Codebook Based Beamforming Sequence Design in Millimeter-Wave Systems | no pdf |
| 11 | Practical demonstration of spectrally efficient FDM millimeter-wave radio over fiber systems for 5G cellular networking | no pdf |
| 12 | New Perspectives on Future Smart FiWi Networks: Scalability, Reliability, and Energy Efficiency | 2 |
| 13 | Performance of Enclosed mmWave Wearable Networks | 1 |
| 14 | Fundamentals of medium access control design for millimeter wave networks | 0 |
| 15 | From 3GPP LTE to 5G: An Evolution | 1 |
| 16 | OVERVIEW OF MILLIMETRE WAVE BAND TO BE USED IN 5G | no pdf |
| 17 | Power optimization using massive MIMO and small cells approach in different deployment scenarios | no pdf |
| 18 | Power Optimization in 5G Networks: A Step Towards GrEEn Communication | no pdf |
| 19 | Codebook Design for Millimeter-Wave Channel Estimation with Hybrid Precoding Structure | 1 |
| 20 | Wireless Sensor Network Security Enhancement Using Directional Antennas: State of the Art and Research Challenges | no pdf |
| 21 | Indoor Office Plan Environment and Layout-Based mmWave Path Loss Models for 28 GHz and 73 GHz | no pdf |
| 22 | Advances in terahertz communications accelerated by photonics | no pdf |
| 23 | Modeling statistics of rain attenuation affecting FSO links: A case study | no pdf |
| 24 | Dynamic Spectrum Access Algorithm Based on Game Theory in Cognitive Radio Networks | 12 |
| 25 | A new link scheduling algorithm for 60 GHz-WPAN communication system | 0 |
| 26 | Hierarchical Codebook Design for Beamforming Training in Millimeter-Wave Communication | 1 |

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| **27** | A Decomposition Principle for Link and Relay Selection in Dual-hop 60 GHz Networks | 1 |
| **28** | Low Complexity Hybrid Precoding and Channel Estimation Based on Hierarchical Multi-Beam Search for Millimeter-Wave MIMO Systems | 1 |
| **29** | 5Gâ€"Wireless Communications for 2020 | 2 |
| **30** | Cell Discovery with Directive Antennas in mm-wave 5G Networks | 0 |
| | Total | 33 |

**Paper Title: 4S: A secure and privacy-preserving key management scheme for cloud-assisted wireless body area network in m-healthcare social networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---:|
| 1 | Vehicle authentication via monolithically certified public key and attributes | 28 |
| 2 | Dynamic remote data auditing for securing big data storage in cloud computing | no pdf |
| 3 | An Efficient Next Hop Selection Algorithm for Multi-Hop Body Area Networks | no pdf |
| 4 | PPDM: A privacy-preserving protocol for cloud-assisted e-healthcare systems | no pdf |
| 5 | Automatic fall detection system based on the combined use of a smartphone and a smartwatch | no pdf |
| 6 | SECURED TRANSMISSION OF DATA IN MOBILE WIRELESS SENSOR NETWORKS | 0 |
| 7 | Secure way routing protocol for mobile ad hoc network | no pdf |
| 8 | Location prediction algorithm for a nonlinear vehicular movement in VANET using extended Kalman filter | no pdf |
| 9 | Energy efficient geographical key management scheme for authentication in mobile wireless sensor networks | no pdf |
| 10 | Cross-layer based multiclass intrusion detection system for secure multicast communication of MANET in military networks | 3 |
| 11 | A Secure Cloud-Assisted Wireless Body Area Network in Mobile Emergency Medical Care System | 1 |
| 12 | e-Health Cloud: Privacy Concerns and Mitigation Strategies | 0 |
| 13 | A secure and trust based on-demand multipath routing scheme for self-organized mobile ad-hoc networks | no pdf |
| 14 | An Efficient and Secure RSA Based Certificateless Signature Scheme for Wireless Sensor Networks | no pdf |
| 15 | Pair-wise key agreement and hop-by-hop authentication protocol for MANET | no pdf |
| 16 | Efficient and robust user authentication scheme that achieve user anonymity with a Markov chain | no pdf |
| 17 | Security upgrade against RREQ flooding attack by using balance index on vehicular ad hoc network | no pdf |
| 18 | Trusted Tree-Based Trust Management Scheme for Secure Routing in Wireless Sensor Networks | 0 |

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|---|---|---|
| **19** | Light weight security protocol for communications in vehicular networks | 0 |
| **20** | Secure and reliable routing in cognitive radio networks | no pdf |
| **21** | [CITATION][C] Lightweight Anonymous Key Distribution Scheme for Smart Grid using Elliptic Curve Cryptography | no pdf |
| **22** | Fuzzy queries processing based on intuitionistic fuzzy social relational networks | 2 |
| **23** | Performance analysis of multiplexing and error control scheme for body area networks | no pdf |
| **24** | Cryptographic key exchange scheme for cloud based healthcare monitoring | no pdf |
| **25** | A Novel Lightweight Key Management Scheme for Patient Data Privacy on Body Sensor and Cloud based Healthcare Service | no pdf |
| **26** | Energy efficient secured routing protocol for MANETs | no pdf |
| **27** | Towards comparative evaluation of trust and reputation models over static, dynamic and oscillating wireless sensor networks | no pdf |
| **28** | A Secure Medical Information Management System for Wireless Body Area Networks. | no pdf |
| **29** | EVOC: More efficient verifiable outsourced computation from any one-way trapdoor function | no pdf |
| **30** | Defense against Sybil attacks and authentication for anonymous location-based routing in MANET | no pdf |
| | Total | 34 |

**Paper Title: Socially aware networking: A survey**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Socially aware conference participant recommendation with personality traits | 2 |
| 2 | Bio‐inspired packet dropping for ad‐hoc social networks | 1 |
| 3 | Data dissemination using interest-tree in socially aware networking | 2 |
| 4 | Community-based event dissemination with optimal load balancing | 1 |
| 5 | Industrie 4.0: enabling technologies | no pdf |
| 6 | Cybermatics: Cyber–physical–social–thinking hyperspace based science and technology | 4 |
| 7 | A novel social contact graph based routing strategy for delay tolerant networks | no pdf |
| 8 | PIS: A Multi-dimensional Routing Protocol for Socially-aware Networking | no pdf |
| 9 | Finding the best friend in mobile social energy networks | no pdf |
| 10 | User popularity-based packet scheduling for congestion control in ad-hoc social networks | 4 |
| 11 | Mobile Energy Sharing Networks: Performance Analysis and Optimization | 1 |
| 12 | Utility-based forwarder selection for content dissemination in vehicular networks | 1 |

| 13 | Preference-aware coding data broadcast in delay tolerant networks | 7 |
|---|---|---|
| 14 | A credit based routing mechanism to contrast selfish nodes in Delay tolerant networks | no pdf |
| 15 | Towards next-generation routing protocols for pocket switched networks | no pdf |
| 16 | A two-level multicast routing strategy for delay tolerant networks | no pdf |
| 17 | Using social network analysis (SNA) to design socially aware network solutions in delay-tolerant networks (DTNs) | no pdf |
| 18 | Efficiency measure of routing protocols in vehicular ad hoc network using freeway mobility model | no pdf |
| 19 | Content messenger selection and wireless energy transfer policy in mobile social networks | no pdf |
| 20 | Geo-Social Distance-Based Data Dissemination for Socially Aware Networking | no pdf |
| 21 | Socially Aware Heterogeneous Wireless Networks | no pdf |
| 22 | Reducing Message Overhead using Community-based Message Transmission for Delay Tolerant Networks | no pdf |
| 23 | Effective task scheduling in proximate mobile device based communication systems | 1 |
| 24 | Combo-Pre: A Combination Link Prediction Method in Opportunistic Networks | no pdf |
| 25 | A forwarding scheme based on swarm intelligence and percolation centrality in opportunistic networks | no pdf |
| 26 | Cluster based emergency message broadcasting technique for vehicular ad hoc network | no pdf |
| 27 | A novel social contact graphâ€•based routing strategy for workload and throughput fairness in delay tolerant networks | no pdf |
| 28 | A social overlay-based forwarding scheme for mobile social networks | no pdf |
| 29 | Com-BIS: a community-based barter incentive scheme in socially aware networking | 0 |
| 30 | DOCTORAT DE L'UNIVERSITÃ‰ DE TOULOUSE | no pdf |
| | Total | 24 |

**Paper Title: CDC: Compressive data collection for wireless sensor networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| 2 | Approximating geographic routing using coverage tree heuristics for wireless network | 22 |
| 3 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |

| | Total | 216 |
|---|---|---|

**Paper Title: Information centric network: Research challenges and opportunities**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| 2 | Cooperative content delivery exploiting multiple wireless interfaces: methods, new technological developments, open research issues and a case study | no pdf |
| 3 | A survey on data center networking for cloud computing | 8 |
| 4 | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | no pdf |
| 5 | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| 6 | Load balancing ad hoc on-demand multipath distance vector (LBAOMDV) routing protocol | no pdf |
| 7 | CPHR: In-Network Caching for Information-Centric Networking With Partitioning and Hash-Routing | no pdf |
| 8 | HierHybNET: Cut-set upper bound of ad hoc networks with cost-effective infrastructure | 15 |
| 9 | Sharing spray and wait routing algorithm in opportunistic networks | no pdf |
| 10 | Way-Point Multicast Routing Framework for improving QoS in hybrid wireless mesh networks | no pdf |
| 11 | Cross-layer based congestion detection and routing protocol using fuzzy logic for MANET | no pdf |
| 12 | SECURED TRANSMISSION OF DATA IN MOBILE WIRELESS SENSOR NETWORKS | 0 |
| 13 | Performances Evaluation of a Novel Hadoop and Spark Based System of Image Retrieval for Huge Collections | 0 |
| 14 | Ant-based routing and QoS-effective data collection for mobile wireless sensor network | no pdf |
| 15 | Group Key Authentication scheme for Vanet INtrusion detection (GKAVIN) | no pdf |
| 16 | Oblivious routing in wireless mesh networks | no pdf |
| 17 | Secure way routing protocol for mobile ad hoc network | no pdf |
| 18 | Multipath routing in mobile ad hoc network with probabilistic splitting of traffic | no pdf |
| 19 | Name prefix matching using bloom filter pre-searching for content centric network | 1 |
| 20 | Location prediction algorithm for a nonlinear vehicular movement in VANET using extended Kalman filter | no pdf |
| 21 | Energy efficient geographical key management scheme for authentication in mobile wireless sensor networks | no pdf |
| 22 | Mobility-based routing algorithm in delay tolerant networks | no pdf |

| 23 | Optimizing routing based on congestion control for wireless sensor networks | 22 |
|---|---|---|
| 24 | An efficient cooperative hybrid routing protocol for hybrid wireless mesh networks | no pdf |
| 25 | A secure and trust based on-demand multipath routing scheme for self-organized mobile ad-hoc networks | no pdf |
| 26 | LogNet: Extending Internet with a Network Aware Discovery Service | 2 |
| 27 | [CITATION][C] A Comparative Study of Chord and Pastry for the Name Resolution System Implementation in Information Centric Networks | no pdf |
| 28 | A comprehensive survey of network coding in vehicular ad-hoc networks | no pdf |
| 29 | Adaptive energy aware cluster-based routing protocol for wireless sensor networks | no pdf |
| 30 | A probability based stable routing for cognitive radio adhoc networks | no pdf |
|  | Total | 94 |

**Paper Title: Secure and privacy preserving protocol for cloud-based vehicular DTNs**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | PPDM: A privacy-preserving protocol for cloud-assisted e-healthcare systems | no pdf |
| 2 | Review of vehicular ad hoc network communication models including WVANET (Web VANET) model and WVANET future research directions | no pdf |
| 3 | A beacon transmission power control algorithm based on wireless channel load forecasting in VANETs | no pdf |
| 4 | Priority based efficient data scheduling technique for VANETs | no pdf |
| 5 | Optimal report strategies for WBANs using a cloud-assisted IDS | 0 |
| 6 | On the estimation of the second largest eigenvalue of Markov ciphers | no pdf |
| 7 | Efficient Key Generation by Exploiting Randomness from Channel Responses of Individual OFDM Subcarriers | no pdf |
| 8 | Secure way routing protocol for mobile ad hoc network | no pdf |
| 9 | Mobility prediction in mobile ad hoc networks using a lightweight genetic algorithm | no pdf |
| 10 | Location prediction algorithm for a nonlinear vehicular movement in VANET using extended Kalman filter | no pdf |
| 11 | [CITATION][C] New trends of information security—how to change people's life style? | no pdf |
| 12 | A secure and trust based on-demand multipath routing scheme for self-organized mobile ad-hoc networks | no pdf |
| 13 | Bridging the gap among actor–sensor–actor communication through load balancing multi-path routing | no pdf |

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|---|---|---|
| **14** | A comprehensive survey of network coding in vehicular ad-hoc networks | no pdf |
| **15** | Minimum node degree of k-connected vehicular ad hoc networks in highway scenarios | no pdf |
| **16** | Pair-wise key agreement and hop-by-hop authentication protocol for MANET | no pdf |
| **17** | Congestion detection technique for multipath routing and load balancing in WSN | no pdf |
| **18** | Efficiency measure of routing protocols in vehicular ad hoc network using freeway mobility model | no pdf |
| **19** | Efficient and robust user authentication scheme that achieve user anonymity with a Markov chain | no pdf |
| **20** | Security upgrade against RREQ flooding attack by using balance index on vehicular ad hoc network | no pdf |
| **21** | Wormhole-Free Routing and DoS Attack Defense in Wireless Mesh Networks | no pdf |
| **22** | Hybrid routing and load balancing protocol for wireless sensor network | no pdf |
| **23** | Secure and reliable routing in cognitive radio networks | no pdf |
| **24** | Energy efficient secured routing protocol for MANETs | no pdf |
| **25** | EVOC: More efficient verifiable outsourced computation from any one-way trapdoor function | no pdf |
| **26** | Defense against Sybil attacks and authentication for anonymous location-based routing in MANET | no pdf |
| **27** | Energy and delay efficient dynamic cluster formation using hybrid AGA with FACO in EAACK MANETs | no pdf |
| **28** | Cluster based emergency message broadcasting technique for vehicular ad hoc network | no pdf |
| **29** | A path selection based routing protocol for urban vehicular ad hoc network (UVAN) environment | no pdf |
| **30** | Connectivity analysis for dynamic movement of vehicular ad hoc networks | no pdf |
| | Total | 0 |

**Paper Title: Security in cloud computing: Opportunities and challenges**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| **1** | Leveraging software-defined networking for security policy enforcement | 2 |
| **2** | Software-defined mobile networks security | 3 |
| **3** | Vehicle authentication via monolithically certified public key and attributes | 28 |
| **4** | A cloud based framework for identification of influential health experts from Twitter | 0 |

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|---|---|---|
| 5 | Dynamic remote data auditing for securing big data storage in cloud computing | no pdf |
| 6 | Review and analysis of networking challenges in cloud computing | 2 |
| 7 | Sustainable Cloud Data Centers: A survey of enabling techniques and technologies | no pdf |
| 8 | Cloud-based cyber-physical systems and quality of services | no pdf |
| 9 | A Cloud-Manager-Based Re-Encryption Scheme for Mobile Users in Cloud Environment: a Hybrid Approach | 2 |
| 10 | IPad: ID-based public auditing for the outsourced data in the standard model | 1 |
| 11 | Data adapter for querying and transformation between SQL and NoSQL database | no pdf |
| 12 | Efficient ID-based public auditing for the outsourced data in cloud storage | 2 |
| 13 | Framework for cloud intrusion detection system service | 0 |
| 14 | A security and cost aware scheduling algorithm for heterogeneous tasks of scientific workflow in clouds | no pdf |
| 15 | Cost-Effective Encryption-Based Autonomous Routing Protocol for Efficient and Secure Wireless Sensor Networks | no pdf |
| 16 | Secured Data Storage and Computation Technique for Effective Utilization of Servers in Cloud Computing | no pdf |
| 17 | A Study of Security Level in Cloud Computing | no pdf |
| 18 | Effect of anti-malware software on infectious nodes in cloud environment | 1 |
| 19 | Ensuring Confidentiality of Cloud Data using Homomorphic Encryption | no pdf |
| 20 | Cloud Computing Governance, Risk, and Complianceâ€"The Quintessential Globalization Challenge | no pdf |
| 21 | SEMANTIC COLLABORATION AND SENSING AS A SERVICE IN SEMANTIC WEB OF THINGS | 0 |
| 22 | Detecting domainâ€•flux botnet based on DNS traffic features in managed network | no pdf |
| 23 | A Road Map to Risk Management Framework for Successful Implementation of Cloud Computing in Oman | no pdf |
| 24 | Cloud-Based Medical Image Issues | 2 |
| 25 | Optimal Coding and Allocation for Perfect Secrecy in Multiple Clouds | 5 |
| 26 | Collaboration between SAML Federations and OpenStack Clouds | 1 |
| 27 | Ensuring attribute privacy protection and fast decryption for outsourced data security in mobile cloud computing | no pdf |
| 28 | Security Assessment Framework for Multi-tenant Cloud with Nested Virtualization. | no pdf |
| 29 | Analysis of cloud computing attacks and countermeasures | no pdf |
| 30 | Article: Intrusion Detection System for DoS Attack in Cloud} | no pdf |
| | Total | 49 |

**Paper Title: EDAL: An energy-efficient, delay-aware, and lifetime-balancing data collection protocol for heterogeneous wireless sensor networks**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | Fuzzy logic based unequal clustering for wireless sensor networks | 17 |
| 2 | SEPFL routing protocol based on fuzzy logic control to extend the lifetime and throughput of the wireless sensor network | 4 |
| 3 | ACWSN: an adaptive cross layer framework for video transmission over wireless sensor networks | 2 |
| 4 | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| 5 | Variable-rate transmission method with coordinator election for wireless body area networks | 15 |
| 6 | An overview of performance trade-off mechanisms in routing protocol for green wireless sensor networks | 26 |
| 7 | A new clustering routing method based on PECE for WSN | no pdf |
| 8 | Coordinated movement of multiple mobile sinks in a wireless sensor network for improved lifetime | no pdf |
| 9 | Distributed power-source-aware routing in wireless sensor networks | 11 |
| 10 | Performance evaluation of WSN management system for QoS guarantee | no pdf |
| 11 | LEACH-MAC: a new cluster head selection algorithm for Wireless Sensor Networks | 22 |
| 12 | Artificial Intelligence-Based Techniques for Emerging Heterogeneous Network: State of the Arts, Opportunities, and Challenges | no pdf |
| 13 | Adaptive Data Gathering in Mobile Sensor Networks Using Speedy Mobile Elements | no pdf |
| 14 | DARC: A Distributed and Adaptive Routing Protocol in Cluster-Based Wireless Sensor Networks | 0 |
| 15 | On the performance of online and offline green path establishment techniques | no pdf |
| 16 | Preset delay broadcast: a protocol for fast information dissemination in vehicular ad hoc networks (VANETs) | no pdf |
| 17 | Self-schedule and self-distributive MAC scheduling algorithms for next-generation sensor networks | 0 |
| 18 | Ant-based routing and QoS-effective data collection for mobile wireless sensor network | no pdf |
| 19 | Joint Clustering and Routing Design for Reliable and Efficient Data Collection in Large-scale Wireless Sensor Networks | no pdf |
| 20 | NODIC: a novel distributed clustering routing protocol in WSNs by using a time-sharing approach for CH election | 20 |
| 21 | A hybrid beaconless geographic routing for different packets in WSN | 7 |
| 22 | Location prediction algorithm for a nonlinear vehicular movement in VANET using extended Kalman filter | no pdf |
| 23 | Coalition Formation and Spectrum Sharing of Cooperative Spectrum Sensing Participants | no pdf |

| | | Over-cite Count |
|---|---|---|
| **24** | Energy efficient geographical key management scheme for authentication in mobile wireless sensor networks | no pdf |
| **25** | Optimizing routing based on congestion control for wireless sensor networks | 22 |
| **26** | An efficient cooperative hybrid routing protocol for hybrid wireless mesh networks | no pdf |
| **27** | A survey and analysis of multipath routing protocols in wireless multimedia sensor networks | no pdf |
| **28** | A low-latency communication protocol for target tracking in wireless sensor networks | no pdf |
| **29** | A Cost-Effective Underwater Communication Infrastructure for Near-Field Tsunami Detection | no pdf |
| **30** | Betweenness centrality based connectivity aware routing algorithm for prolonging network lifetime in wireless sensor networks | no pdf |
| | Total | 171 |

**Paper Title: Hierarchical data aggregation using compressive sensing (HDACS) in WSNs**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| **1** | Proportional throughput differentiationwith cognitive load-control on WSN channels | no pdf |
| **2** | Anycast tree-based routing in mobile wireless sensor networks with multiple sinks | 25 |
| **3** | An overview of performance trade-off mechanisms in routing protocol for green wireless sensor networks | 26 |
| **4** | Energy harvesting and battery power based routing in wireless sensor networks | 29 |
| **5** | Coordinated movement of multiple mobile sinks in a wireless sensor network for improved lifetime | no pdf |
| **6** | Load balancing ad hoc on-demand multipath distance vector (LBAOMDV) routing protocol | no pdf |
| **7** | On-site configuration of disaster recovery access networks made easy | 10 |
| **8** | Spatio-temporal hierarchical data aggregation using compressive sensing (ST-HDACS) | no pdf |
| **9** | RVCloud: a routing protocol for vehicular ad hoc network in city environment using cloud computing | 27 |
| **10** | Energy efficient clustering algorithms for wireless sensor networks: novel chemical reaction optimization approach | no pdf |
| **11** | Performance evaluation of WSN management system for QoS guarantee | no pdf |
| **12** | Optimal node allocation in multi-service WSNs based on correlated strategy | no pdf |
| **13** | Low communication cost (LCC) scheme for localizing mobile wireless sensor networks | no pdf |
| **14** | Novel chemical reaction optimization based unequal clustering and routing algorithms for wireless sensor networks | no pdf |

| | | |
|---|---|---|
| 15 | Adaptive Data Gathering in Mobile Sensor Networks Using Speedy Mobile Elements | no pdf |
| 16 | SECURED TRANSMISSION OF DATA IN MOBILE WIRELESS SENSOR NETWORKS | 0 |
| 17 | Ant-based routing and QoS-effective data collection for mobile wireless sensor network | no pdf |
| 18 | NODIC: a novel distributed clustering routing protocol in WSNs by using a time-sharing approach for CH election | 20 |
| 19 | Multi-objective fractional artificial bee colony algorithm to energy aware routing protocol in wireless sensor network | no pdf |
| 20 | Energy efficient geographical key management scheme for authentication in mobile wireless sensor networks | no pdf |
| 21 | Optimizing routing based on congestion control for wireless sensor networks | 22 |
| 22 | A survey and analysis of multipath routing protocols in wireless multimedia sensor networks | no pdf |
| 23 | Betweenness centrality based connectivity aware routing algorithm for prolonging network lifetime in wireless sensor networks | no pdf |
| 24 | An adaptive routing algorithm considering position and social similarities in an opportunistic network | no pdf |
| 25 | An adaptive traffic MAC protocol based on correlation of nodes | no pdf |
| 26 | A distributed lightweight Redundancy aware Topology Control Protocol for wireless sensor networks | no pdf |
| 27 | Fault detection and recovery scheme for routing and lifetime enhancement in WSN | no pdf |
| 28 | Energy Efficient Sensor Activation for Water Distribution Networks Based on Compressive Sensing | no pdf |
| 29 | Vehicular Ad hoc Networks: A hybrid approach to data dissemination in exigency situations | no pdf |
| 30 | Bridging the gap among actor–sensor–actor communication through load balancing multi-path routing | no pdf |
| | Total | 159 |

**Paper Title: Full duplex techniques for 5G networks: self-interference cancellation, protocol design, and relay selection**

| Citing Paper Number | Paper Title | Over-cite Count |
|---|---|---|
| 1 | User association in 5G networks: A survey and an outlook | 2 |
| 2 | A survey on 5G: The next generation of mobile communication | 2 |
| 3 | Doubly selective channel estimation in full-duplex MIMO-OFDM systems | no pdf |
| 4 | Full-Duplex Wireless Communications: Challenges, Solutions, and Future Research Directions | no pdf |
| 5 | Energy-recycling full-duplex radios for next-generation networks | 1 |
| 6 | Outage probability analysis of dual-hop full-duplex decode-and-forward relaying over generalized multipath fading conditions | no pdf |

| | | |
|---|---|---|
| 7 | Efficient network mobility support scheme for proxy mobile IPv6 | no pdf |
| 8 | Power optimization using massive MIMO and small cells approach in different deployment scenarios | no pdf |
| 9 | Green circuit design for battery-free sensors in cloud radio access network | 0 |
| 10 | Uplink Resource Allocation in Interference Limited Area for D2D-Based Underlaying Cellular Networks | no pdf |
| 11 | Secure Compute-and-Forward Transmission With Artificial Noise and Full-Duplex Devices | 1 |
| 12 | Opportunistic Two-Way Full-Duplex Relay Selection in Underlay Cognitive Networks | 2 |
| 13 | Transceiver Design in Full-Duplex MIMO Cognitive Radios under Channel Uncertainties | no pdf |
| 14 | Improving secrecy for multi‐relay multi‐eavesdropper wireless systems through relay selection | no pdf |
| 15 | Simultaneous light emission and detection of InGaN/GaN multiple quantum well diodes for in-plane visible light communication on a chip | 1 |
| 16 | On the Spectral and Energy Efficiency of Full-Duplex Small Cell Wireless Systems with Massive MIMO | no pdf |
| 17 | In-Band Full-Duplex Architectures for Future 5G Multi-Hop Networks | 0 |
| 18 | A new link scheduling algorithm for 60 GHz-WPAN communication system | 0 |
| 19 | Hybrid Full-/Half-Duplex Relaying in Cognitive Networks | no pdf |
| 20 | Joint Relay Selection and Power Allocation for Full-Duplex DF Co-Operative Networks With Outdated CSI | 0 |
| 21 | The New Architecture with Time-Spatial Consistency for 5G Networks | 1 |
| 22 | 5G‐Wireless Communications for 2020 | 2 |
| 23 | Blind Channel Estimation in Full Duplex Systems: Identifiability Analysis, Bounds, and Estimators | 1 |
| 24 | A New Sparse Adaptive Channel Estimation Method Based on Compressive Sensing for FBMC/OQAM Transmission Network | no pdf |
| 25 | Relay Selection for Full-Duplex Cooperative Networks with Outdated CSI in an Interference-Limited Environment | no pdf |
| 26 | Evaluating Node Reliability in Cooperative MIMO Networks | 4 |
| 27 | Single relay selection for secure communication in a cooperative system with multiple full-duplex decode-and-forward relays | 1 |
| 28 | Proficient routing by adroit algorithm in 5G-Cloud-VMesh network | no pdf |
| 29 | Physical layer security via maximal ratio combining and relay selection over Rayleigh fading channels | no pdf |
| 30 | [CITATION][C] Throughput Maximization by Optimizing Detection Thresholds in Full-duplex Cognitive Radio Networks | no pdf |
| | Total | 18 |

**Appendix D:** Cross cites - Top 10 Authors Cited By Author A and their cites to him.

Only papers from Springer US or IEEE from A's top 50 papers were analyzed, so only 39 papers were analyzed. For each of the most cited authors, only their papers from Springer US or IEEE in their top 50 were analyzed.

**Athanasios Vasilakos Top Cited Authors in his/her top 39 papers**

| Author Name | Total Citation Count |
|---|---:|
| Tadashi Nakano | 23 |
| Tatsuya Suda | 22 |
| Yunhao Liu | 19 |
| Joseph Wang | 17 |
| Michael John | 14 |
| Ian F. | 14 |
| Diane J | 14 |
| Min Chen | 12 |
| Yang Xiao | 12 |
| Xiaofei Wang | 12 |

**Cross Cite Count to Athanasios Vasilakos in the authors' top papers**

| Author: Tadashi Nakano | Papers Analyzed: 11 |
|---|---|
| **Paper Name** | **Total Cross Citation Count** |
| Molecular communication and networking: Opportunities and challenges | 1 |
| Self-organizing network services with evolutionary adaptation | No PDF |
| Design and analysis of molecular relay channels: An information theoretic approach | 0 |
| Channel model and capacity analysis of molecular communication with brownian motion | 0 |
| Molecular communication among biological nanomachines: A layered architecture and research issues | No PDF |
| Biologically inspired network systems: a review and future prospects | 0 |
| Transmission rate control for molecular communication among biological nanomachines | 0 |
| TCP-like molecular communications | 2 |
| Measuring distance from single spike feedback signals in molecular communication | 0 |
| Oscillation and synchronization of molecular machines by the diffusion of inhibitory molecules | 0 |
| Cooperative target tracking by a mobile bionanosensor network | 0 |
| Externally controllable molecular communication | 0 |
| Distributing nanomachines for minimizing mean residence time of molecular signals in bionanosensor networks | 0 |

| Total Citations: | | 3 |
|---|---|---|

| Author Tatsuya Suda | | **Papers Analyzed: 9** |
|---|---|---|
| **Paper Name** | | **Total Cross Citation Count** |
| An adaptive bandwidth reservation scheme for high-speed multimedia wireless networks | No PDF | |
| Survey of traffic control schemes and protocols in ATM networks | No PDF | |
| Congestion control and prevention in ATM networks | | 0 |
| Molecular communication: modeling noise effects on information rate | | 0 |
| The bio-networking architecture: A biologically inspired approach to the design of scalable, adaptive, and survivable/available network applications | | 0 |
| A middleware platform for a biologically inspired network architecture supporting autonomous and adaptive applications | | 0 |
| Semantics-based dynamic service composition | No PDF | |
| Cell loss and output process analyses of a finite-buffer discrete-time ATM queueing system with correlated arrivals | No PDF | |
| Self-organizing network services with evolutionary adaptation | No PDF | |
| Analysis of a discrete-time single-server queue with bursty inputs for traffic control in ATM networks | No PDF | |
| Transport system architecture services for high-performance communications systems | No PDF | |
| Coverage-aware self-scheduling in sensor networks | No PDF | |
| Bandwidth-efficient multicast routing for multihop, ad-hoc wireless networks | | 0 |
| Adaptive multicast of multi-layered video: Rate-based and credit-based approaches | | 0 |
| Measuring the performance of parallel message-based process architectures | No PDF | |
| Feedback control mechanisms for real-time multipoint video services | No PDF | |
| Packetized voice/data integrated transmission on a token passing ring local area network | No PDF | |
| Network border patrol | | 0 |
| Molecular communication among biological nanomachines: A layered architecture and research issues | No PDF | |
| Molecular communication for health care applications | | 0 |
| Connectionless service for public ATM networks | No PDF | |
| Evaluating the impact of emerging streaming media applications on TCP/IP performance | | 0 |
| Total Citations: | | 0 |

| Yunhao Liu | | Papers Analyzed: 18 |
|---|---|---|
| Paper Name | | Total Cross Citation Count |
| Big Data: A Survey | | 0 |
| Location-aware topology matching in P2P systems | | 0 |

| | |
|---|---|
| Does wireless sensor network scale? A measurement study on GreenOrbs | 0 |
| Location awareness in unstructured peer-to-peer systems | 0 |
| VIRE: Active RFID-based localization using virtual reference elimination | 0 |
| Quality of trilateration: Confidence-based iterative localization | No PDF |
| Location, localization, and localizability | 0 |
| Cardinality estimation for large-scale RFID systems | 0 |
| WILL: Wireless indoor localization without site survey | 0 |
| Mining frequent trajectory patterns for activity monitoring using radio frequency tag arrays | 0 |
| Beyond trilateration: On the localizability of wireless ad-hoc networks | No PDF |
| Iso-map: Energy-efficient contour mapping in wireless sensor networks | No PDF |
| A distributed approach to solving overlay mismatching problem | 0 |
| Improving unstructured peer-to-peer systems by adaptive connection establishment | No PDF |
| Nonthreshold-based event detection for 3D environment monitoring in sensor networks | No PDF |
| Dynamic key-updating: privacy-preserving authentication for RFID systems | 0 |
| Building a scalable bipartite P2P overlay network | 0 |
| CitySee: urban $CO_2$ monitoring with sensors | 0 |
| Perpendicular intersection: locating wireless sensors with mobile beacon | No PDF |
| Dynamic layer management in superpeer architectures | 0 |
| Sea depth measurement with restricted floating sensors | No PDF |
| Understanding node localizability of wireless ad hoc and sensor networks | No PDF |
| Distributed caching and adaptive search in multilayer p2p networks | 0 |
| A memory-efficient parallel string matching architecture for high-speed intrusion detection | 0 |
| Sensor network navigation without locations | No PDF |
| Agnostic diagnosis: Discovering silent failures in wireless sensor networks | No PDF |
| Sweep coverage with mobile sensors | 0 |
| VOVO: VCR-oriented video-on-demand in large-scale peer-to-peer networks | No PDF |
| Joint throughput optimization for wireless mesh networks | 0 |
| Prioritized overlay multicast in mobile ad hoc environments | No PDF |
| Season: Shelving interference and joint identification in large-scale rfid systems | No PDF |
| Total Citations: | 0 |

| **Joseph Wang** | **Papers Analyzed: 0** |
|---|---|
| **Paper Name** | **Total Cross Citation Count** |
| Total Citations: | 0 |

| **Michael John** | **Papers Analyzed: 6** |
|---|---|

| Paper Name | Total Cross Citation Count |
|---|---|
| Molecular communication and networking: Opportunities and challenges | 1 |
| Molecular communication: modeling noise effects on information rate | 0 |
| Molecular communication among biological nanomachines: A layered architecture and research issues | No PDF |
| Measuring distance from single spike feedback signals in molecular communication | 0 |
| Oscillation and synchronization of molecular machines by the diffusion of inhibitory molecules | 0 |
| Addressing by beacon coordinates using molecular communication | 0 |
| Diffusion-based multiple access by nano-transmitters to a micro-receiver | 1 |
| Total Citations: | 2 |

| Ian F. | Papers Analyzed: 16 |
|---|---|
| **Paper Name** | **Total Cross Citation Count** |
| A survey on sensor networks | No PDF |
| A survey on wireless mesh networks | 0 |
| A survey on spectrum management in cognitive radio networks | 0 |
| Mobility management in next-generation wireless systems | No PDF |
| A survey of mobility management in next-generation all-IP-based wireless systems | 0 |
| A resource estimation and call admission algorithm for wireless multimedia networks using the shadow cluster concept | No PDF |
| Optimal spectrum sensing framework for cognitive radio networks | 0 |
| Wireless multimedia sensor networks: A survey | No PDF |
| Energy efficiency based packet size optimization in wireless sensor networks | 0 |
| Spatial correlation-based collaborative medium access control in wireless sensor networks | 0 |
| Time-diffusion synchronization protocol for wireless sensor networks | 0 |
| Wireless multimedia sensor networks: Applications and testbeds | 0 |
| A novel distributed dynamic location management scheme for minimizing signaling costs in Mobile IP | 0 |
| A distributed routing algorithm for datagram traffic in LEO satellite networks | 0 |
| A dynamic location management scheme for next-generation multitier PCS systems | 0 |
| A cross-layer (layer 2+ 3) handoff management protocol for next-generation wireless systems | 0 |
| A physical end-to-end model for molecular communication in nanonetworks | 0 |
| A new random walk model for PCS networks | 0 |
| Cognitive wireless mesh networks with dynamic spectrum access | 0 |
| A slotted CDMA protocol with BER scheduling for wireless multimedia networks | 0 |
| Medium access control protocols for multimedia traffic in wireless networks | No PDF |
| MLSR: a novel routing algorithm for multilayered satellite IP networks | No PDF |
| Total Citations: | 0 |

| Diane J | Papers Analyzed: 9 |
|---|---|
| **Paper Name** | **Total Cross Citation Count** |
| The role of prediction algorithms in the MavHome smart home architecture | 0 |
| Human activity recognition and pattern discovery | No PDF |
| Discovering activities to recognize and track in a smart environment | 0 |
| Keeping the resident in the loop: adapting the smart home to the user | 0 |
| Automatic video classification: A survey of the literature | 0 |
| Sensor-based activity recognition | 0 |
| A survey on ambient intelligence in healthcare | 6 |
| Simple and complex activity recognition through smart phones | 0 |
| Online sequential prediction via incremental parsing: The active lezi algorithm | No PDF |
| Decision-theoretic cooperative sensor planning | No PDF |
| Activity discovery and activity recognition: A new partnership | 0 |
| A multi-agent system architecture for smart grid management and forecasting of energy demand in virtual power plants | 0 |
| Total Citations: | 6 |

| Min Chen | Papers Analyzed: 23 |
|---|---|
| **Paper Name** | **Total Cross Citation Count** |
| Body area networks: A survey | 1 |
| Big data: a survey | 0 |
| A survey of green mobile networks: Opportunities and challenges | 1 |
| Applications and design issues for mobile agents in wireless sensor networks | No PDF |
| Virtual MIMO-based cross-layer design for wireless sensor networks | 0 |
| Cache in the air: exploiting content caching and delivery techniques for 5G systems | 0 |
| Rethinking energy efficiency models of cellular networks with embodied energy | 0 |
| A survey of recent developments in home M2M networks | 1 |
| A 2G-RFID-based e-healthcare system | No PDF |
| Energy efficient security algorithm for power grid wide area monitoring system | 0 |
| Mobility support for health monitoring at home using wearable sensors | 1 |
| AMES-cloud: a framework of adaptive mobile video streaming and efficient social video sharing in the clouds | 0 |
| Hybrid geographic routing for flexible energy—delay tradeoff | No PDF |
| A survey on internet of things from industrial market perspective | No PDF |
| Data dissemination based on mobile agent in wireless sensor networks | 0 |
| Itinerary planning for energy-efficient agent communications in wireless sensor networks | 0 |
| Enabling technologies for future data center networking: a primer | 0 |
| Cap: Community activity prediction based on big data analysis | 0 |

| | |
|---|---|
| eTime: energy-efficient transmission between cloud and mobile devices | 0 |
| Towards smart city: M2M communications with software agent intelligence | 1 |
| EMC: emotion-aware mobile cloud computing in 5G | 0 |
| Throughput and delay analysis of IEEE 802.15. 6-based CSMA/CA protocol | 0 |
| On the computation offloading at ad hoc cloudlet: architecture and service modes | No PDF |
| AIWAC: affective interaction through wearable computing and cloud technology | 0 |
| Energy-efficiency optimization for MIMO-OFDM mobile multimedia communication systems with QoS constraints | 0 |
| Cross-layer and path priority scheduling based real-time video communications over wireless sensor networks | 0 |
| Balance of security strength and energy for a PMU monitoring system in smart grid | 0 |
| Energy-efficient itinerary planning for mobile agents in wireless sensor networks | 0 |
| Total Citations: | 5 |

| **Yang Xiao** | **Papers Analyzed: 23** |
|---|---|
| **Paper Name** | **Total Cross Citation Count** |
| Throughput and delay limits of IEEE 802.11 | 0 |
| Performance analysis of priority schemes for IEEE 802.11 and IEEE 802.11 e wireless LANs | 0 |
| Energy saving mechanism in the IEEE 802.16 e wireless MAN | 0 |
| IEEE 802.11 n: enhancements for higher throughput in wireless LANs | 0 |
| Home M2M networks: Architectures, standards, and QoS improvement | 0 |
| Internet protocol television (IPTV): the killer application for the next-generation internet | 0 |
| Random coverage with guaranteed connectivity: joint scheduling for wireless sensor networks | 0 |
| Voice capacity analysis of WLAN with unbalanced traffic | 0 |
| Voice capacity analysis of WLAN with unbalanced traffic | 0 |
| Protection and guarantee for voice and video traffic in IEEE 802.11 e wireless LANs | No PDF |
| IEEE 802.11 e: QoS provisioning at the MAC layer | No PDF |
| A simple and effective priority scheme for IEEE 802.11 | No PDF |
| Security and Privacy in Cloud Computing | No PDF |
| Intrusion detection techniques in mobile ad hoc and wireless sensor networks | 0 |
| Security and privacy in RFID and applications in telemedicine | No PDF |
| Cyber security and privacy issues in smart grids | 0 |
| Distributed collaborative control for industrial automation with wireless sensor and actuator networks | 0 |
| Wireless broadband accesS: WIMAX and beyond-Investigation of bandwidth request mechanisms under point-to-multipoint mode of WiMAX networks | 0 |
| Building-environment control with wireless sensor and actuator networks: centralized versus distributed | 0 |
| Enhanced DCF of IEEE 802.11 e to support QoS | No PDF |
| Refinements on IEEE 802.11 distributed coordination function modeling approaches | 0 |

| | |
|---|---|
| Evaluation of Distributed Admission Control for the IEEE 802.11 e EDCA | 0 |
| Tight Performance Bounds of Multihop Fair Access for MAC Protocols in Wireless Sensor Networks and Underwater Sensor Networks | 0 |
| Voice and video transmissions with global data parameter control for the IEEE 802.11 e enhance distributed channel access | 0 |
| Coverage and detection of a randomized scheduling algorithm in wireless sensor networks | 0 |
| Two tier secure routing protocol for heterogeneous sensor networks | 0 |
| Local data control and admission control for QoS support in wireless ad hoc networks | 0 |
| Differentiation, QoS guarantee, and optimization for real-time traffic over one-hop ad hoc networks | 0 |
| IEEE 802.11 performance enhancement via concatenation and piggyback mechanisms | No PDF |
| Design and analysis of location management for 3G cellular networks | 0 |
| Total Citations: | 0 |

| Xiaofei Wang | Papers Analyzed: 9 |
|---|---|
| **Paper Name** | **Total Cross Citation Count** |
| Cache in the air: exploiting content caching and delivery techniques for 5G systems | 0 |
| Cloud-enabled wireless body area networks for pervasive healthcare | 0 |
| AMES-Cloud: A Framework of Adaptive Mobile Video Streaming and Efficient Social Video Sharing in the Clouds | 0 |
| Cloud-assisted adaptive video streaming and social-aware video prefetching for mobile users | 0 |
| Measurement and analysis of world of warcraft in mobile wimax networks | No PDF |
| An energy-efficient protocol for data gathering and aggregation in wireless sensor networks | 0 |
| Continuous power allocation strategies for sensing-based multiband spectrum sharing | 0 |
| Characterizing the gaming traffic of World of Warcraft: From game scenarios to network access technologies | No PDF |
| Adaptive transmission for delay-constrained wireless video | 0 |
| Delay and capacity in MANETs under random walk mobility model | 0 |
| A framework of cooperative cell caching for the future mobile networks | No PDF |
| Adaptive multiband spectrum sensing | 0 |
| Total Citations: | 0 |

**Appendix E:** Journal Composition for Author A's top 50 papers. Journals from the top 30 citing papers where counted where available.

### Paper Title: Body area networks: A survey

| | |
|---|---|
| Comput. Sci. Inf. Syst. | 1 |
| Sensors | 3 |
| Acta Polytechnica Hungarica | 1 |
| Multimedia Tools and Applications | 1 |
| IEEE Network | 1 |
| Mobile Networks and Applications | 1 |

### Paper Title: A game-theoretic method of fair resource allocation for cloud computing services

| | |
|---|---|
| Web Information Systems and Mining (WISM) | 1 |
| AAAI | 1 |
| The Journal of Supercomputing | 2 |
| arXiv preprint arXiv:1102.2608 | 1 |
| Cloud Computing (CLOUD) | 1 |
| Procedia Engineering | 1 |
| Physics of life reviews | 1 |

### Paper Title: Compressed data aggregation for energy efficient wireless sensor networks

| | |
|---|---|
| Wireless Networks | 1 |
| Wireless networks | 2 |
| Ad Hoc Networks | 2 |
| IEEE/ACM Transactions on Networking (TON) | 1 |
| Sensor | 1 |
| Sensors | 1 |
| Artificial Intelligence Review | 1 |
| INFOCOM | 2 |
| IEEE Sensors Journal | 1 |

### Paper Title: A survey of green mobile networks: Opportunities and challenges

| | |
|---|---|
| Wireless Networks | 1 |
| Wireless networks | 3 |
| arXiv preprint arXiv:1406.1867 | 1 |
| Sensors | 1 |
| Computer Networks | 1 |
| Journal of Sensor and Actuator Networks | 1 |

### Paper Title: Directional routing and scheduling for green vehicular delay tolerant networks

| | |
|---|---|
| IEEE transactions on cybernetics | 2 |

| | |
|---|---|
| Wireless networks | 5 |
| Artificial Intelligence Review | 1 |
| Multimedia Tools and Applications | 1 |
| Wireless Networks | 14 |

**Paper Title: Routing for disruption tolerant networks: taxonomy and design**

| | |
|---|---|
| 2010 | 1 |
| Wireless Personal Communications | 1 |
| Wireless Networks | 3 |
| Wireless Days (WD) | 1 |
| Telecommunication Systems | 1 |
| Routing in Opportunistic Networks | 1 |
| Computer Communications | 1 |
| 2011 | 1 |
| Advance Computing Conference (IACC) | 1 |
| Wireless networks | 2 |
| INFOCOM | 1 |
| Mobile Networks and Applications | 2 |

**Paper Title: Molecular communication and networking: Opportunities and challenges**

| | |
|---|---|
| 2015 | 1 |
| IEEE communications letters | 1 |
| PloS one | 1 |
| IEEE Transactions on Nanotechnology | 2 |
| Nano Communication Networks | 3 |
| Simulation Modelling Practice and Theory | 1 |
| arXiv preprint arXiv:1510.03947 | 1 |
| 2014 | 1 |

**Paper Title: Routing metrics of cognitive radio networks: A survey**

| | |
|---|---|
| Artificial Intelligence Review | 1 |
| Computer Networks | 1 |
| Wireless Networks | 14 |
| Wireless networks | 3 |
| WiMob | 1 |
| Computers & Electrical Engineering | 1 |

**Paper Title: Flooding-limited and multi-constrained QoS multicast routing based on the genetic algorithm for MANETs**

| | |
|---|---|
| Sensors | 1 |
| Soft Computing | 2 |
| Applied Soft Computing | 1 |

| | |
|---|---|
| Journal of Network and Computer Applications | 1 |
| Journal of Sensor and Actuator Networks | 1 |
| IET communications | 2 |
| IEEE Systems Journal | 1 |
| Wireless Networks | 3 |
| Wireless networks | 3 |
| IET networks | 3 |
| IET Networks | 1 |
| The Scientific World Journal | 1 |
| Information Sciences | 1 |
| IEEE Communications letters | 1 |

**Paper Title: Security and privacy for storage and computation in cloud computing**

| | |
|---|---|
| Journal of Network and Computer Applications | 1 |
| Nonlinear Dynamics | 1 |
| Wireless Networks | 2 |
| Information Sciences | 6 |
| Computers in Human Behavior | 1 |
| Information sciences | 1 |
| 2015 | 1 |
| 2014 | 2 |
| Expert Systems with Applications | 1 |
| IEEE Wireless Communications | 1 |
| arXiv preprint arXiv:1501.01323 | 1 |
| Information & Management | 1 |

**Paper Title: A survey on the ietf protocol suite for the internet of things: Standards, challenges, and opportunities**

| | |
|---|---|
| Sensors | 1 |
| Information Fusion | 1 |
| Journal of Network and Computer Applications | 1 |
| IEEE Access | 1 |
| Wireless Networks | 9 |

**Paper Title: An adaptive geometry-based stochastic model for non-isotropic MIMO mobile-to-mobile channels**

| | |
|---|---|
| 2010 | 1 |

**Paper Title:  A survey on topology control in wireless sensor networks: Taxonomy, comparative study, and open issues**

| | |
|---|---|
| IEEE transactions on cybernetics | 1 |
| 2015 | 1 |

| | |
|---|---|
| Int. J. Smart Sens. Intell. Syst | 1 |
| Wireless Networks | 11 |
| IEEE Sensors Journal | 1 |
| Control | 1 |
| Sensors | 1 |
| Journal of Sensors | 1 |
| International Journal of Control | 1 |

**Paper Title:  Delay tolerant networks: Protocols and applications**

| | |
|---|---|
| Multimedia Tools and Applications | 1 |
| Wireless networks | 3 |
| Wireless Networks | 15 |

**Paper Title:  A survey on ambient intelligence in healthcare**

| | |
|---|---|
| Wireless Networks | 4 |
| arXiv preprint arXiv:1411.1821 | 1 |
| Sensors | 2 |
| AAAI | 1 |
| Journal of Sensors | 1 |
| Pervasive and Mobile Computing | 1 |
| Egyptian Computer Science Journal | 1 |

**Paper Title:  Multi-layer clustering routing algorithm for wireless vehicular sensor networks**

| | |
|---|---|
| Sensors | 1 |
| Journal of Shanghai University (English Edition) | 1 |
| International Journal of Distributed Sensor Networks | 1 |
| IET Wireless Sensor Systems | 1 |
| Wireless Networks | 9 |
| Journal of Network and Computer Applications | 1 |
| Wireless networks | 4 |
| IET wireless sensor systems | 1 |
| Ad Hoc Networks | 1 |
| Journal of Sensors | 1 |

**Paper Title:  CodePipe: An opportunistic feeding and routing protocol for reliable multicast with pipelined network coding**

| | |
|---|---|
| Computing | 1 |
| IEEE Systems Journal | 1 |
| Wireless networks | 3 |
| Artificial Intelligence Review | 1 |
| Wireless Networks | 14 |

| Paper Title:  A survey on trust management for Internet of Things | |
|---|---|
| 2015 | 1 |
| Journal of Network and Computer Applications | 1 |
| Wireless Networks | 5 |
| Wireless networks | 1 |
| Computer Communications | 1 |
| 2014 | 1 |
| Sensors | 2 |
| Multimedia Tools and Applications | 1 |
| Information Sciences | 1 |
| Computer Networks | 1 |
| Pervasive and Mobile Computing | 1 |
| | |

| Paper Title: A survey of security challenges in cognitive radio networks: Solutions and future research directions | |
|---|---|
| IEEE Communications Surveys & Tutorials | 1 |
| Wireless Networks | 5 |
| Wireless networks | 1 |
| 2014 | 1 |
| Sensors | 1 |
| Artificial Intelligence Review | 1 |
| Computer Networks | 1 |
| IEEE Network | 1 |
| Renewable and Sustainable Energy Reviews | 1 |
| China Communications | 1 |
| | |

| Paper Title: EDAL: An energy-efficient, delay-aware, and lifetime-balancing data collection protocol for wireless sensor networks | |
|---|---|
| PloS one | 1 |
| Wireless Networks | 12 |
| Wireless networks | 1 |
| Multimedia Tools and Applications | 1 |
| Sensors | 2 |
| | |

| Paper Title: Linguistic models and linguistic modeling | |
|---|---|
| 2007 | 1 |
| Archives of Control Science | 1 |
| IEICE transactions on information and systems | 1 |
| GrC | 1 |
| Soft Computing | 1 |
| IEEE Transactions on Systems | 3 |

| | |
|---|---|
| Fuzzy Sets and Systems | 1 |
| Gait & posture | 1 |
| Physica A: Statistical Mechanics and its Applications | 1 |
| International journal of remote sensing | 1 |
| Pattern recognition | 1 |
| Fuzzy sets and Systems | 1 |
| Information Sciences | 2 |
| International Journal of Intelligent Systems | 1 |
| IEEE Transactions on Fuzzy Systems | 2 |
| Granular computing | 1 |

**Paper Title: Granular computing: perspectives and challenges**

| | |
|---|---|
| IEEE transactions on cybernetics | 3 |
| International Journal of Approximate Reasoning | 1 |
| Mathematical Problems in Engineering | 1 |
| Applied Mathematics and Computation | 1 |
| Granular Computing | 1 |
| Knowledge-Based Systems | 6 |
| IEEE Transactions on Fuzzy Systems | 1 |
| arXiv preprint arXiv:1209.5598 | 1 |
| Information Sciences | 5 |
| Canadian Conference on Artificial Intelligence | 1 |

**Paper Title: Distributed media services in P2P-based vehicular networks**

| | |
|---|---|
| Journal of Systems Architecture | 1 |
| Vehicular communications | 1 |
| 2014 | 1 |
| Information Fusion | 1 |
| IEEE Systems Journal | 3 |

**Paper Title: Prediction-based data aggregation in wireless sensor networks: Combining grey model and Kalman Filter**

| | |
|---|---|
| Sensors & Transducers | 1 |
| Advances in Information Sciences & Service Sciences | 1 |
| Wireless Networks | 8 |
| Computer Communications | 1 |
| Information Sciences | 1 |
| Sensors | 2 |
| Artificial Intelligence Review | 1 |
| Advanced Materials Research | 1 |
| IEEE Sensors Journal | 1 |
| Journal of Sensors | 1 |

| International Journal of Control | 1 |
|---|---|
| Signal Processing | 1 |
| CIIT | 1 |

**Paper Title: Backpressure-based routing protocol for DTNs**

| Artificial Intelligence Review | 1 |
|---|---|
| Wireless networks | 5 |
| 2012 | 1 |
| Wireless Networks | 11 |
| IEEE Communications surveys & tutorials | 1 |
| Ad Hoc Networks | 1 |
| INFOCOM | 1 |
| Advances in Computing | 1 |

**Paper Title: Spatial reusability-aware routing in multi-hop wireless networks**

| Wireless networks | 1 |
|---|---|
| PloS one | 1 |
| Ad Hoc Networks | 1 |
| Advances in Computing | 1 |
| Wireless Networks | 19 |

**Paper Title: A survey on service-oriented network virtualization toward convergence of networking and cloud computing**

| Journal of Network and Computer Applications | 2 |
|---|---|
| Mobile Cloud Computing | 1 |
| IEEE Communications Surveys & Tutorials | 1 |
| Wireless Networks | 2 |
| Information Sciences | 1 |
| 2015 | 1 |
| Expert Systems with Applications | 1 |
| Computer Networks | 2 |
| Procedia Computer Science | 1 |

**Paper Title: Security of the internet of things: Perspectives and challenges**

| Wireless Networks | 6 |
|---|---|
| Microprocessors and Microsystems | 2 |
| Sensors | 1 |
| Computer Networks | 2 |
| researchgate.net | 1 |
| IEEE Internet of Things Journal | 1 |
| Cluster Computing | 1 |

**Paper Title: Algorithm design for data communications in duty-cycled wireless sensor networks: A survey**

| | |
|---|---|
| Sensors | 1 |
| Int. J. Smart Sens. Intell. Syst | 1 |
| Multimedia Tools and Applications | 1 |
| Journal of medical systems | 1 |
| Wireless Networks | 14 |
| KSII Trans Internet Inf Syst | 1 |
| Journal of Sensors | 2 |
| 2014 | 1 |

**Paper Title: Reliable multicast with pipelined network coding using opportunistic feeding and routing**

| | |
|---|---|
| PloS one | 1 |
| Wireless Networks | 18 |
| Wireless networks | 1 |
| Ad Hoc Networks | 1 |
| Advances in Computing | 1 |

**Paper Title: Novel overlay/underlay cognitive radio waveforms using SD-SMSE framework to enhance spectrum efficiency-part I: theoretical framework and analysis in AWGN channel**

| | |
|---|---|
| 2012 | 1 |
| IET Communications | 3 |
| JDCTA | 1 |
| Wireless personal communications | 1 |
| IEEE Transactions on broadcasting | 1 |
| IET Signal Processing | 1 |
| Journal of Communications | 1 |
| IEEE Journal on Selected Areas in Communications | 1 |

**Paper Title: Cross-layer support for energy efficient routing in wireless sensor networks**

| | |
|---|---|
| Sensors | 2 |
| Wireless networks | 3 |
| Wireless Networks | 6 |
| Renewable and Sustainable Energy Reviews | 1 |
| Journal of Sensor and Actuator Networks | 1 |
| Wireless Sensor Network | 1 |
| Journal of Sensors | 1 |

**Paper Title: Mobile cloud computing: A survey, state of art and future directions**

| | |
|---|---|
| Information Sciences | 3 |
| Wireless Networks | 6 |
| 2013 | 1 |
| 2014 | 1 |
| Mobile Networks and Applications | 2 |
| Procedia Computer Science | 1 |
| IEEE Internet of Things Journal | 1 |

**Paper Title: Approximating Congestion+ Dilation in Networks via" Quality of Routing&# x201D; Games**

| | |
|---|---|
| PloS one | 1 |
| Wireless Networks | 15 |
| IEEE Systems Journal | 1 |
| Wireless networks | 2 |
| Artificial Intelligence Review | 1 |
| IEEE Access | 1 |
| Advances in Computing | 1 |

**Paper Title: On the partially overlapped channel assignment on wireless mesh network backbone: A game theoretic approach**

| | |
|---|---|
| Wireless Networks | 4 |
| Wireless networks | 2 |
| IEICE Transactions on Communications | 1 |
| IEEE transactions on cybernetics | 1 |
| Artificial Intelligence Review | 1 |
| PloS one | 1 |
| IEEE Systems Journal | 2 |
| China Communications | 1 |

**Paper Title: Joint forensics-scheduling strategy for delay-sensitive multimedia applications over heterogeneous networks**

| | |
|---|---|
| Physical Communication | 1 |
| Computing | 1 |
| Multimedia Tools and Applications | 2 |
| Wireless Networks | 3 |
| Wireless networks | 1 |
| TIIS | 1 |
| International Journal of Communication Systems | 1 |
| Telecommunication Systems | 3 |
| Sensor Letters | 1 |
| IEEE Systems Journal | 2 |
| Multimedia tools and applications | 2 |

**Paper Title: Physarum optimization: A biology-inspired algorithm for the steiner tree problem in networks**

| | |
|---|---|
| Artificial Intelligence Review | 1 |
| PloS one | 1 |
| Advances in Unconventional Computing | 1 |
| 2016 | 1 |
| Wireless Networks | 16 |
| Ad Hoc Networks | 1 |
| IEEE Access | 1 |

**Paper Title: ReTrust: Attack-resistant and lightweight trust management for medical sensor networks**

| | |
|---|---|
| Sensors | 3 |
| PloS one | 1 |
| Journal of Network and Computer Applications | 1 |
| The Journal of Supercomputing | 1 |
| Wireless Networks | 9 |
| Int J Comput Inf Syst Control Eng | 1 |
| IEEE Sensors Journal | 1 |
| Multimedia Tools and Applications | 1 |
| Journal of Sensors | 1 |
| Egyptian Computer Science Journal | 1 |

**Paper Title: Interference-based topology control algorithm for delay-constrained mobile ad hoc networks**

| | |
|---|---|
| ijcttjournal.org | 1 |
| Wireless networks | 1 |
| PloS one | 1 |
| Wireless Networks | 19 |

QoE-driven channel allocation schemes for multimedia transmission of priority-based secondary users over cognitive radio networks

| | |
|---|---|
| Image and Graphics (ICIG) | 1 |
| WCSP | 1 |
| Wireless networks | 1 |
| IEEE Communications Letters | 1 |
| Wireless Networks | 3 |
| Artificial Intelligence Review | 1 |
| IEEE Wireless Communications | 1 |

| Context-aware middleware for multimedia services in heterogeneous networks | |
| --- | --- |
| IET communications | 1 |
| IEEE Communications Magazine | 1 |
| Multimedia systems | 1 |
| Ad Hoc Networks | 1 |
| Telecommunication Systems | 1 |
| IEEE Network | 1 |
| Sensors | 2 |
| IEEE Systems Journal | 2 |
| TIIS | 1 |
| Journal of communications | 1 |
| IEEE Access | 1 |

**Paper Title: Software-defined and virtualized future mobile and wireless networks: A survey**

| | |
| --- | --- |
| 2015 | 1 |
| Wireless Personal Communications | 1 |
| Wireless Networks | 7 |
| 2013 | 1 |
| Wireless networks | 1 |
| IEEE Internet of Things Journal | 1 |
| IEEE Access | 1 |
| Mobile Networks and Applications | 4 |

**Paper Title: Comparative analysis of quality of service and memory usage for adaptive failure detectors in healthcare systems**

| | |
| --- | --- |
| Journal of Software | 1 |
| Wireless Networks | 3 |
| IET Communications | 1 |
| Computers & Electrical Engineering | 1 |
| Iet Communications | 1 |
| Sensors | 4 |
| PloS one | 1 |
| Journal of Computing Science and Engineering | 1 |
| Journal of Sensors | 1 |

**Paper Title: Managing performance overhead of virtual machines in cloud computing: A survey, state of the art, and future directions**

| | |
| --- | --- |
| Journal of Systems and Software | 1 |
| Tsinghua Science and Technology | 1 |
| 2014 | 2 |
| Information Sciences | 1 |
| 2015 | 1 |

| | |
|---|---|
| IEEE Network | 2 |
| 2013 | 1 |
| Computer Networks | 1 |
| IEEE Transactions on Computers | 1 |
| Mobile Networks and Applications | 1 |

**Paper Title: Nodes organization for channel assignment with topology preservation in multi-radio wireless mesh networks**

| | |
|---|---|
| Wireless personal communications | 2 |
| IEEE Systems Journal | 1 |
| Future Wireless Networks and Information Systems | 1 |
| Wireless networks | 3 |
| Ad Hoc Networks | 1 |
| Wireless Networks | 12 |

**Paper Title: Tight performance bounds of multihop fair access for MAC protocols in wireless sensor networks and underwater sensor networks**

| | |
|---|---|
| Sensors | 1 |
| Int. J. Smart Sens. Intell. Syst | 1 |
| PloS one | 1 |
| Computer Networks | 1 |
| Wireless Networks | 8 |
| Wireless networks | 5 |
| Journal of Sensor and Actuator Networks | 1 |
| Commun. Special Issue on Ad-hoc Netw | 1 |
| Journal of Sensors | 1 |

**Paper Title: An OSPF-integrated routing strategy for QoS-aware energy saving in IP backbone networks**

| | |
|---|---|
| Computing | 1 |
| Computer Networks | 7 |
| Wireless Networks | 4 |
| Wireless networks | 1 |
| Computer Communications | 1 |
| Telecommunication Systems | 1 |

**Paper Title: DTRAB: Combating against attacks on encrypted protocols through traffic-feature analysis**

| | |
|---|---|
| arXiv preprint arXiv:1308.3559 | 1 |
| IEEE network | 1 |
| Wireless Networks | 5 |
| Computers & Electrical Engineering | 1 |

| | |
|---|---|
| Computer Communications | 1 |
| Multimedia Tools and Applications | 1 |
| Computers & Mathematics with Applications | 1 |
| IEEE Access | 1 |
| | |

**Paper Title: A biology-based algorithm to minimal exposure problem of wireless sensor networks**

| | |
|---|---|
| Artificial Intelligence Review | 1 |
| 2016 | 1 |
| Wireless Networks | 18 |
| Ad Hoc Networks | 1 |
| IEEE Access | 1 |
| | |

**Paper Title: Interoperable and adaptive fuzzy services for ambient intelligence applications**

| | |
|---|---|
| Soft Computing | 5 |
| Fuzzy Systems (FUZZ) | 1 |
| Systems | 1 |
| Telecommunication Systems | 1 |
| Applied Soft Computing | 1 |
| Information Sciences | 1 |
| Neurocomputing | 1 |
| | |

**Appendix F:** Aggregated Journal Composition for all Top 50 of Author A's Papers..

| Journal | Total Citing Papers from Journal |
|---|---|
| Wireless Networks | 396 |
| Sensors | 32 |
| Information Sciences | 23 |
| Computer Networks | 17 |
| Ieee Systems Journal | 13 |
| Multimedia Tools And Applications | 12 |
| Artificial Intelligence Review | 12 |
| Plos One | 11 |
| Journal Of Sensors | 10 |
| 2014 | 10 |
| Mobile Networks And Applications | 10 |
| Ad Hoc Networks | 10 |
| Journal Of Network And Computer Applications | 8 |
| Iet Communications | 8 |
| Soft Computing | 8 |
| Ieee Access | 7 |
| Ieee Transactions On Cybernetics | 7 |
| 2015 | 7 |
| Telecommunication Systems | 7 |
| Ieee Network | 6 |
| Knowledge-Based Systems | 6 |
| Computer Communications | 5 |
| Wireless Personal Communications | 5 |
| Journal Of Sensor And Actuator Networks | 4 |
| Ieee Sensors Journal | 4 |
| Advances In Computing | 4 |
| Iet Networks | 4 |
| Infocom | 4 |
| Ieee Communications Surveys & Tutorials | 3 |
| Nano Communication Networks | 3 |
| 2013 | 3 |
| Ieee Communications Letters | 3 |
| Int. J. Smart Sens. Intell. Syst | 3 |
| Ieee Transactions On Fuzzy Systems | 3 |
| The Journal Of Supercomputing | 3 |
| Computers & Electrical Engineering | 3 |
| Computing | 3 |
| Ieee Transactions On Systems | 3 |
| Ieee Internet Of Things Journal | 3 |
| Applied Soft Computing | 2 |
| Tiis | 2 |
| Pervasive And Mobile Computing | 2 |

| | |
|---|---|
| Aaai | 2 |
| Iet Wireless Sensor Systems | 2 |
| China Communications | 2 |
| Procedia Computer Science | 2 |
| International Journal Of Control | 2 |
| Ieee Wireless Communications | 2 |
| Renewable And Sustainable Energy Reviews | 2 |
| Information Fusion | 2 |
| 2010 | 2 |
| Journal Of Communications | 2 |
| Granular Computing | 2 |
| Ieee Transactions On Nanotechnology | 2 |
| 2012 | 2 |
| Expert Systems With Applications | 2 |
| Fuzzy Sets And Systems | 2 |
| Microprocessors And Microsystems | 2 |
| Egyptian Computer Science Journal | 2 |
| 2016 | 2 |
| Ieee Communications Magazine | 1 |
| Information & Management | 1 |
| Sensors & Transducers | 1 |
| Commun. Special Issue On Ad-Hoc Netw | 1 |
| Image And Graphics (Icig) | 1 |
| Journal Of Software | 1 |
| Pattern Recognition | 1 |
| Wimob | 1 |
| Grc | 1 |
| Systems | 1 |
| Ieice Transactions On Communications | 1 |
| International Journal Of Approximate Reasoning | 1 |
| Ciit | 1 |
| International Journal Of Distributed Sensor Networks | 1 |
| Ieee Transactions On Computers | 1 |
| Mobile Cloud Computing | 1 |
| 2007 | 1 |
| Sensor | 1 |
| Routing In Opportunistic Networks | 1 |
| Journal Of Shanghai University (English Edition) | 1 |
| International Journal Of Remote Sensing | 1 |
| Advances In Unconventional Computing | 1 |
| Fuzzy Systems (Fuzz) | 1 |
| Arxiv Preprint Arxiv:1510.03947 | 1 |
| Multimedia Systems | 1 |
| Vehicular Communications | 1 |
| Tsinghua Science And Technology | 1 |

| | |
|---|---|
| Advance Computing Conference (Iacc) | 1 |
| Arxiv Preprint Arxiv:1411.1821 | 1 |
| Gait & Posture | 1 |
| Researchgate.Net | 1 |
| Acta Polytechnica Hungarica | 1 |
| Advances In Information Sciences & Service Sciences | 1 |
| Ieee Journal On Selected Areas In Communications | 1 |
| Arxiv Preprint Arxiv:1501.01323 | 1 |
| Ieee/Acm Transactions On Networking (Ton) | 1 |
| Journal Of Medical Systems | 1 |
| Journal Of Systems Architecture | 1 |
| Wireless Days (Wd) | 1 |
| International Journal Of Intelligent Systems | 1 |
| Ijcttjournal.Org | 1 |
| Iet Signal Processing | 1 |
| Wcsp | 1 |
| International Journal Of Communication Systems | 1 |
| Physical Communication | 1 |
| Canadian Conference On Artificial Intelligence | 1 |
| Control | 1 |
| Sensor Letters | 1 |
| Future Wireless Networks And Information Systems | 1 |
| Arxiv Preprint Arxiv:1406.1867 | 1 |
| Arxiv Preprint Arxiv:1209.5598 | 1 |
| Int J Comput Inf Syst Control Eng | 1 |
| Physics Of Life Reviews | 1 |
| Ksii Trans Internet Inf Syst | 1 |
| Procedia Engineering | 1 |
| Ieee Transactions On Broadcasting | 1 |
| Computers In Human Behavior | 1 |
| Computers & Mathematics With Applications | 1 |
| Cluster Computing | 1 |
| Jdcta | 1 |
| Signal Processing | 1 |
| Neurocomputing | 1 |
| Web Information Systems And Mining (Wism) | 1 |
| Mathematical Problems In Engineering | 1 |
| The Scientific World Journal | 1 |
| Comput. Sci. Inf. Syst. | 1 |
| Arxiv Preprint Arxiv:1102.2608 | 1 |
| Journal Of Systems And Software | 1 |
| Simulation Modelling Practice And Theory | 1 |
| Arxiv Preprint Arxiv:1308.3559 | 1 |
| Cloud Computing (Cloud) | 1 |
| Nonlinear Dynamics | 1 |

| | |
|---|---|
| Advanced Materials Research | 1 |
| 2011 | 1 |
| Ieice Transactions On Information And Systems | 1 |
| Wireless Sensor Network | 1 |
| Journal Of Computing Science And Engineering | 1 |
| Archives Of Control Science | 1 |
| Physica A: Statistical Mechanics And Its Applications | 1 |
| Applied Mathematics And Computation | 1 |