

# Songtao Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

168  
papers

3,387  
citations

201674

27  
h-index

206112

48  
g-index

168  
all docs

168  
docs citations

168  
times ranked

3356  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A coarse-to-fine ghost removal scheme for HDR imaging. <i>Visual Computer</i> , 2023, 39, 2515-2528.  | 3.5 | 2         |
| 2  | AceFL: Federated Learning Accelerating in 6G-Enabled Mobile Edge Computing Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2023, 10, 1364-1375.           | 6.4 | 7         |
| 3  | SDN-Based Traffic Matrix Estimation in Data Center Networks through Large Size Flow Identification. <i>IEEE Transactions on Cloud Computing</i> , 2022, 10, 675-690.              | 4.4 | 14        |
| 4  | Energy-Efficient Device Activation, Rule Installation and Data Transmission in Software Defined DCNs. <i>IEEE Transactions on Cloud Computing</i> , 2022, 10, 396-410.            | 4.4 | 4         |
| 5  | Profit Maximization Incentive Mechanism for Resource Providers in Mobile Edge Computing. <i>IEEE Transactions on Services Computing</i> , 2022, 15, 138-149.                      | 4.6 | 55        |
| 6  | Resource Provision and Allocation Based on Microeconomic Theory in Mobile Edge Computing. <i>IEEE Transactions on Services Computing</i> , 2022, 15, 1512-1525.                   | 4.6 | 9         |
| 7  | Taxi-Passenger's Destination Prediction via GPS Embedding and Attention-Based BiLSTM Model. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 4460-4473. | 8.0 | 8         |
| 8  | VQL: Efficient and Verifiable Cloud Query Services for Blockchain Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022, 33, 1393-1406.                    | 5.6 | 45        |
| 9  | Hypergraph-Based Active Minimum Delay Data Aggregation Scheduling in Wireless-Powered IoT. <i>IEEE Internet of Things Journal</i> , 2022, 9, 8786-8799.                           | 8.7 | 5         |
| 10 | Pistis: Issuing Trusted and Authorized Certificates With Distributed Ledger and TEE. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022, 33, 1636-1649.          | 5.6 | 7         |
| 11 | An Extended Type-1 Generalized Feistel Networks: Lightweight Block Cipher for IoT. <i>IEEE Internet of Things Journal</i> , 2022, 9, 11408-11421.                                 | 8.7 | 5         |
| 12 | Content Caching-Enhanced Computation Offloading in Mobile Edge Service Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 872-886.                            | 6.3 | 11        |
| 13 | BlockREV: Blockchain-Enabled Multi-Controller Rule Enforcement Verification in SDN. <i>Security and Communication Networks</i> , 2022, 2022, 1-16.                                | 1.5 | 4         |
| 14 | HeteFL: Network-Aware Federated Learning Optimization in Heterogeneous MEC-Enabled Internet of Things. <i>IEEE Internet of Things Journal</i> , 2022, 9, 14073-14086.             | 8.7 | 3         |
| 15 | Adaptive Access Selection Algorithm for Multi-Service in 5G Heterogeneous Internet of Things. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 1630-1644.   | 6.4 | 11        |
| 16 | iCOS: A Deep Reinforcement Learning Scheme for Wireless-Charged MEC Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 7739-7750.                             | 6.3 | 1         |
| 17 | Privacy-Preserving and Low-Latency Federated Learning in Edge Computing. <i>IEEE Internet of Things Journal</i> , 2022, 9, 20149-20159.   | 8.7 | 9         |
| 18 | MotiLearn: Contract-Based Incentive Mechanism for Heterogeneous Edge Collaborative Training. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 2895-2909.    | 6.4 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Adaptive Federated Learning for Non-Convex Optimization Problems in Edge Computing Environment. IEEE Transactions on Network Science and Engineering, 2022, 9, 3478-3491. | 6.4 | 4         |
| 20 | Fog Computing Empowered Data Dissemination in Software Defined Heterogeneous VANETs. IEEE Transactions on Mobile Computing, 2021, 20, 3181-3193.                          | 5.8 | 57        |
| 21 | Robust Computation Offloading and Resource Scheduling in Cloudlet-Based Mobile Cloud Computing. IEEE Transactions on Mobile Computing, 2021, 20, 2025-2040.               | 5.8 | 44        |
| 22 | Scheduling coflows of multi-stage jobs under network resource constraints. Computer Networks, 2021, 184, 107686.  | 5.1 | 5         |
| 23 | NOSCM: A Novel Offloading Strategy for NOMA-Enabled Hierarchical Small Cell Mobile-Edge Computing. IEEE Internet of Things Journal, 2021, 8, 8107-8118.                   | 8.7 | 10        |
| 24 | Deduplication-Oriented Mutual-Assisted Cooperative Video Upload for Mobile Crowd Sensing. IEEE Transactions on Mobile Computing, 2021, , 1-1.                             | 5.8 | 0         |
| 25 | Edge Intelligence for Adaptive Multimedia Streaming in Heterogeneous Internet of Vehicles. IEEE Transactions on Mobile Computing, 2021, , 1-1.                            | 5.8 | 16        |
| 26 | Fisher information-empowered sensing quality quantification for crowdsensing networks. Neural Computing and Applications, 2021, 33, 7563-7574.                            | 5.6 | 0         |
| 27 | Joint Dynamical VNF Placement and SFC Routing in NFV-Enabled SDNs. IEEE Transactions on Network and Service Management, 2021, 18, 4263-4276.                              | 4.9 | 26        |
| 28 | Fine granularity resource allocation of virtual data center with consideration of virtual switches. Journal of Network and Computer Applications, 2021, 175, 102916.      | 9.1 | 2         |
| 29 | Collaborative Video Cache Management Strategy in Mobile Edge Computing. , 2021, , .   |     | 2         |
| 30 | Adaptive Multi-Access Algorithm for Multi-Service Edge Users in 5G Ultra-Dense Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 2807-2821.    | 6.3 | 22        |
| 31 | A virtual reality experiment system for an introductory computer hardware course. Computer Applications in Engineering Education, 2021, 29, 1702-1717.                    | 3.4 | 7         |
| 32 | Cooperative service caching and computation offloading in multi-access edge computing. Computer Networks, 2021, 189, 107916.  | 5.1 | 26        |
| 33 | B-DNS: A Secure and Efficient DNS Based on the Blockchain Technology. IEEE Transactions on Network Science and Engineering, 2021, 8, 1674-1686.                           | 6.4 | 22        |
| 34 | A Mobile Edge Caching Strategy for Video Grouping in Vehicular Networks. , 2021, , .  |     | 7         |
| 35 | Channel Allocation-Based Demand Assignment Reservation Protocol for Computation Offloading in Mobile Edge Computing. , 2021, , .  |     | 0         |
| 36 | <i>ToiletBuilder</i>: A PU-Learning-Based Model for Selecting New Public Toilet Locations. IEEE Internet of Things Journal, 2021, 8, 7531-7545.                           | 8.7 | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Joint Service Placement and Request Routing in Mobile Edge Computing Networks. , 2021, , .  |     | 2         |
| 38 | Cost_EACP: Cost-effective adaptive controller provisioning in software defined DCNs. Journal of Network and Computer Applications, 2021, 183-184, 103056.                                   | 9.1 | 1         |
| 39 | Joint Traffic-Aware Consolidated Middleboxes Selection and Routing in Distributed SDNs. IEEE Transactions on Network and Service Management, 2021, 18, 1415-1429.                           | 4.9 | 5         |
| 40 | Coflow Scheduling With Unknown Prior Information in Data Center Networks. , 2021, , .   |     | 1         |
| 41 | GCS: Collaborative video cache management strategy in multi-access edge computing. Ad Hoc Networks, 2021, 117, 102516.  | 5.5 | 8         |
| 42 | FCNR: Fast and Consistent Network Reconfiguration with low latency for SDN. Computer Networks, 2021, 193, 108113.   | 5.1 | 6         |
| 43 | Intelligent Network Selection Algorithm for Multiservice Users in 5G Heterogeneous Network System: Nash $\epsilon$ -Learning Method. IEEE Internet of Things Journal, 2021, 8, 11877-11890. | 8.7 | 22        |
| 44 | Joint service placement and request routing in mobile edge computing. Ad Hoc Networks, 2021, 120, 102543.   | 5.5 | 8         |
| 45 | Collaborative Data Caching and Computation Offloading for Multi-Service Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2021, 70, 9408-9422.                              | 6.3 | 44        |
| 46 | Energy-Aware Concurrent Data Aggregation Scheduling for Wireless Powered IoT Leveraging Hypergraph Theory. IEEE Wireless Communications Letters, 2021, 10, 2464-2468.                       | 5.0 | 3         |
| 47 | MotiShare: Incentive Mechanisms for Content Providers in Heterogeneous Time-varying Edge Content Market. IEEE Transactions on Services Computing, 2021, , 1-1.                              | 4.6 | 1         |
| 48 | ALLPC: A Lightweight Block Cipher Based on Generalized Feistel Networks for IoT. , 2021, , .  |     | 0         |
| 49 | Evolutionary Multitasking for Cross-domain Task Optimization via Vehicular Edge Computing. , 2021, , .  |     | 2         |
| 50 | SolSaviour: A Defending Framework for Deployed Defective Smart Contracts. , 2021, , .   |     | 6         |
| 51 | Sparse random compressive sensing based data aggregation in wireless sensor networks. Concurrency Computation Practice and Experience, 2020, 32, e4455.                                     | 2.2 | 4         |
| 52 | Priority-based online flow scheduling for network throughput maximization in software defined networking. Concurrency Computation Practice and Experience, 2020, 32, e5633.                 | 2.2 | 2         |
| 53 | Latency-Aware Adaptive Video Summarization for Mobile Edge Clouds. IEEE Transactions on Multimedia, 2020, 22, 1193-1207.  | 7.2 | 12        |
| 54 | Toward Scalable and Robust Indoor Tracking: Design, Implementation, and Evaluation. IEEE Internet of Things Journal, 2020, 7, 1192-1204.  | 8.7 | 11        |

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|----|--|-----|-----------|
| 55 | Forecasting assisted VNF scaling in NFV-enabled networks. Computer Networks, 2020, 168, 107040.  | 5.1 | 11        |
| 56 | i5GAccess: Nash Q-learning Based Multi-Service Edge Users Access in 5G Heterogeneous Networks. , 2020, , .   |     | 1         |
| 57 | ConMidbox: Consolidated Middleboxes Selection and Routing in SDN/NFV-Enabled Networks. , 2020, , .   |     | 0         |
| 58 | Joint task offloading and data caching in mobile edge computing networks. Computer Networks, 2020, 182, 107446.  | 5.1 | 37        |
| 59 | Joint source coding rate allocation and flow scheduling for data aggregation in collaborative sensing networks. Computer Networks, 2020, 175, 107269.                | 5.1 | 2         |
| 60 | Adaptive Offloading for Time-Critical Tasks in Heterogeneous Internet of Vehicles. IEEE Internet of Things Journal, 2020, 7, 7999-8011.                              | 8.7 | 54        |
| 61 | Decentralized Caching Framework Toward Edge Network Based on Blockchain. IEEE Internet of Things Journal, 2020, 7, 9158-9174.  | 8.7 | 16        |
| 62 | Energy-efficient user selection and resource allocation in mobile edge computing. Ad Hoc Networks, 2020, 107, 102202.  | 5.5 | 18        |
| 63 | Vehicular Fog Computing Enabled Real-Time Collision Warning via Trajectory Calibration. Mobile Networks and Applications, 2020, 25, 2482-2494.                       | 3.3 | 19        |
| 64 | Distributed Scheduling for Time-Critical Tasks in a Two-layer Vehicular Fog Computing Architecture. , 2020, , .  |     | 4         |
| 65 | Heterogeneous network selection algorithm for novel 5G services based on evolutionary game. IET Communications, 2020, 14, 320-330.                                   | 2.2 | 7         |
| 66 | Real-time Task Offloading for Data and Computation Intensive Services in Vehicular Fog Computing Environments. , 2020, , .   |     | 3         |
| 67 | Secure and Verifiable Data Access Control Scheme With Policy Update and Computation Outsourcing for Edge Computing. , 2020, , .                                      |     | 2         |
| 68 | Edge Computing Based Privacy-Preserving Data Aggregation Scheme in Smart Grid. , 2020, , .   |     | 2         |
| 69 | Energy-Efficient Dynamic Computation Offloading and Cooperative Task Scheduling in Mobile Cloud Computing. IEEE Transactions on Mobile Computing, 2019, 18, 319-333. | 5.8 | 254       |
| 70 | A Resource Allocation Algorithm Based on Overall User Satisfaction of Internet of Things. , 2019, , .  |     | 2         |
| 71 | Computation Offloading for Workflow in Mobile Edge Computing Based on Deep Q-Learning. , 2019, , .   |     | 23        |
| 72 | Incentive Mechanism for Edge Cloud Profit Maximization in Mobile Edge Computing. , 2019, , .   |     | 12        |

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|----|--|-----|-----------|
| 73 | Delay Efficient Scheduling Algorithms for Data Aggregation in Multi-Channel Asynchronous Duty-Cycled WSNs. IEEE Transactions on Communications, 2019, 67, 6179-6192.               | 7.8 | 26        |
| 74 | VQL: Providing Query Efficiency and Data Authenticity in Blockchain Systems. , 2019, , .   |     | 31        |
| 75 | Multi-User Offloading Game Strategy in OFDMA Mobile Cloud Computing System. IEEE Transactions on Vehicular Technology, 2019, 68, 12190-12201.                                      | 6.3 | 32        |
| 76 | Adaptive Multiservice Heterogeneous Network Selection Scheme in Mobile Edge Computing. IEEE Internet of Things Journal, 2019, 6, 6862-6875.  | 8.7 | 42        |
| 77 | Fast congestion-free consistent flow forwarding rules update in software defined networking. Future Generation Computer Systems, 2019, 97, 743-754.                                | 7.5 | 8         |
| 78 | Energy-Efficient Fair Cooperation Fog Computing in Mobile Edge Networks for Smart City. IEEE Internet of Things Journal, 2019, 6, 7543-7554.                                       | 8.7 | 74        |
| 79 | Energy-Efficient Data Collection Scheme Based on Mobile Edge Computing in WSNs. , 2019, , .  |     | 5         |
| 80 | Enabling Safety-Critical and Computation-Intensive IoV Applications via Vehicular Fog Computing. , 2019, , .   |     | 4         |
| 81 | Joint Task Offloading and Data Caching in Mobile Edge Computing. , 2019, , .   |     | 4         |
| 82 | TaskAlloc: Online Tasks Allocation for Offloading in Energy Harvesting Mobile Edge Computing. , 2019, , .  |     | 0         |
| 83 | Comprehensive link sharing avoidance and switch aggregation for software-defined data center networks. Future Generation Computer Systems, 2019, 91, 25-36.                        | 7.5 | 8         |
| 84 | When Urban Safety Index Inference Meets Location-Based Data. IEEE Transactions on Mobile Computing, 2019, 18, 2701-2713.   | 5.8 | 7         |
| 85 | Energy-Efficient Cooperative Resource Allocation in Wireless Powered Mobile Edge Computing. IEEE Internet of Things Journal, 2019, 6, 4744-4754.                                   | 8.7 | 103       |
| 86 | Energy-efficient computation offloading and resource allocation for delay-sensitive mobile edge computing. Sustainable Computing: Informatics and Systems, 2019, 21, 154-164.      | 2.2 | 43        |
| 87 | Geomagnetism-Based Indoor Navigation by Offloading Strategy in NB-IoT. IEEE Internet of Things Journal, 2019, 6, 4074-4084.  | 8.7 | 21        |
| 88 | Secrecy Energy Efficiency Optimization for Downlink Two-User OFDMA Networks With SWIPT. IEEE Systems Journal, 2019, 13, 324-335.   | 4.6 | 16        |
| 89 | Spectral partitioning and fuzzy C-means based clustering algorithm for big data wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, . | 2.4 | 37        |
| 90 | RE-FPR: flow preemption routing scheme with redundancy elimination in Software Defined Data Center Networks. Sustainable Computing: Informatics and Systems, 2018, 18, 14-24.      | 2.2 | 4         |

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|-----|--|-----|-----------|
| 91  | Traffic Load Minimization in Software Defined Wireless Sensor Networks. IEEE Internet of Things Journal, 2018, 5, 1370-1378.   | 8.7 | 35        |
| 92  | Energy Efficiency Maximization in Mobile Wireless Energy Harvesting Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1524-1537.                             | 5.8 | 72        |
| 93  | CSI Amplitude Fingerprinting-Based NB-IoT Indoor Localization. IEEE Internet of Things Journal, 2018, 5, 1494-1504.  | 8.7 | 119       |
| 94  | Tomogravity space based traffic matrix estimation in data center networks. Future Generation Computer Systems, 2018, 86, 39-50.  | 7.5 | 4         |
| 95  | Resource Allocation and Admission Control for an Energy Harvesting Cooperative OFDMA Network. IEEE Transactions on Vehicular Technology, 2018, 67, 4071-4086.                | 6.3 | 11        |
| 96  | Relay Selection and Power Allocation for Cooperative Communication Networks With Energy Harvesting. IEEE Systems Journal, 2018, 12, 735-746.                                 | 4.6 | 29        |
| 97  | Relay Cooperation and Outage Analysis in Cognitive Radio Networks With Energy Harvesting. IEEE Systems Journal, 2018, 12, 2129-2140.   | 4.6 | 27        |
| 98  | Optimal Target Secrecy Rate and Power Allocation Policy for a SWIPT System Over a Fading Wiretap Channel. IEEE Systems Journal, 2018, 12, 3291-3302.                         | 4.6 | 10        |
| 99  | CrowdGIS: Updating Digital Maps via Mobile Crowdsensing. IEEE Transactions on Automation Science and Engineering, 2018, 15, 369-380.   | 5.2 | 29        |
| 100 | A quick-response framework for multi-user computation offloading in mobile cloud computing. Future Generation Computer Systems, 2018, 81, 166-176.                           | 7.5 | 35        |
| 101 | Optimal Travel Route Designing in Wireless Sensor Networks with Mobile Sink. , 2018, , .   |     | 2         |
| 102 | Joint Optimization of Energy and QoE with Fairness in Cooperative Fog Computing System. , 2018, , .  |     | 12        |
| 103 | Energy efficiency maximisation in wireless powered networks with cooperative non-orthogonal multiple access. IET Communications, 2018, 12, 2374-2383.                        | 2.2 | 17        |
| 104 | Energy-Efficient Task Offloading and Resource Scheduling for Mobile Edge Computing. , 2018, , .  |     | 39        |
| 105 | Energy-Efficient Dynamic Task Offloading for Energy Harvesting Mobile Cloud Computing. , 2018, , .   |     | 53        |
| 106 | Multi-User Optimal Offloading: Leveraging Mobility and Allocating Resources in Mobile Edge Cloud Computing. , 2018, , .  |     | 3         |
| 107 | Dynamic time-delayed feedback control of Westwood+TCP flow control model with communication delay. IMA Journal of Mathematical Control and Information, 2018, 35, 1005-1025. | 1.7 | 5         |
| 108 | Application and Analysis of Multicast Blocking Modelling in Fat-Tree Data Center Networks. Complexity, 2018, 2018, 1-12.   | 1.6 | 2         |

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|-----|--|-----|-----------|
| 109 | Indoor Floor Plan Construction Through Sensing Data Collected From Smartphones. IEEE Internet of Things Journal, 2018, 5, 4351-4364.                                 | 8.7 | 15        |
| 110 | Compact dual-band monopole antenna with defected ground plane for Internet of things. IET Microwaves, Antennas and Propagation, 2018, 12, 1332-1338.                 | 1.4 | 27        |
| 111 | Blocking cost-driven multicast scheduling in fat-tree data center networks. Concurrency Computation Practice and Experience, 2017, 29, e4166.                        | 2.2 | 2         |
| 112 | Deterministic binary matrix based compressive data aggregation in big data WSNs. Telecommunication Systems, 2017, 66, 345-356.                                       | 2.5 | 6         |
| 113 | A fine-grained indoor fingerprinting localization based on magnetic field strength and channel state information. Pervasive and Mobile Computing, 2017, 41, 150-165. | 3.3 | 43        |
| 114 | Multicast Scheduling with Markov Chains in Fat-Tree Data Center Networks. , 2017, , .  |     | 2         |
| 115 | Construction and Resource Allocation of Cost-Efficient Clustered Virtual Network in Software Defined Networks. Journal of Grid Computing, 2017, 15, 457-473.         | 3.9 | 9         |
| 116 | Multicast scheduling algorithm in software defined fat-tree data center networks. , 2017, , .  |     | 0         |
| 117 | Active synchronization of multi-domain controllers in software-defined networks. Concurrency Computation Practice and Experience, 2017, 29, e3979.                   | 2.2 | 3         |
| 118 | Coherency Routing Algorithm with Redundancy Elimination in Software Defined Data Center Networks. , 2017, , .  |     | 0         |
| 119 | Energy Efficiency Maximization for WSNs with Simultaneous Wireless Information and Power Transfer. Sensors, 2017, 17, 1906.  | 3.8 | 24        |
| 120 | An Optimization Framework of Target Secrecy Rate and Power Allocation for SWIPT System. , 2016, , .  |     | 2         |
| 121 | Data Aggregation with Principal Component Analysis in Big Data Wireless Sensor Networks. , 2016, , .   |     | 8         |
| 122 | MRDC: Multicast Data Restoration in Fat-Tree Data Center Networks. , 2016, , .   |     | 0         |
| 123 | Lifting Wavelet Compression Based Data Aggregation in Big Data Wireless Sensor Networks. , 2016, , .   |     | 9         |
| 124 | Distributed Optimal Source Coding Rate Allocation for Data Aggregation in Wireless Sensor Networks. , 2016, , .  |     | 1         |
| 125 | Distributed joint subcarrier and discrete power allocation for cognitive radio ad hoc networks. Telecommunication Systems, 2016, 63, 111-125.                        | 2.5 | 1         |
| 126 | History-based multi-node collaborative localization in mobile wireless ad hoc networks. , 2016, , .  |     | 2         |



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|-----|---|-----|-----------|
| 127 | Energy-efficient dynamic offloading and resource scheduling in mobile cloud computing. , 2016, , .  |     | 260       |
| 128 | An Optimization Framework for Mobile Data Collection in Energy-Harvesting Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2016, 15, 2969-2986.                         | 5.8 | 54        |
| 129 | DaGCM: A Concurrent Data Uploading Framework for Mobile Data Gathering in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2016, 15, 610-626.                           | 5.8 | 18        |
| 130 | Replication attack detection with monitor nodes in clustered wireless sensor networks. , 2015, , .  |     | 8         |
| 131 | Energy-efficient big data storage and retrieval for wireless sensor networks with nonuniform node distribution. Concurrency Computation Practice and Experience, 2015, 27, 5765-5779.   | 2.2 | 15        |
| 132 | Relay and Power Splitting Ratio Selection for Cooperative Networks with Energy Harvesting. , 2015, , .  |     | 0         |
| 133 | Dellat: Delivery Latency Minimization in Wireless Sensor Networks with Mobile Sink. Journal of Parallel and Distributed Computing, 2015, 83, 133-142.                                   | 4.1 | 35        |
| 134 | Wireless energy harvesting and information processing in cooperative wireless sensor networks. , 2015, , .  |     | 6         |
| 135 | Energy-Efficient Cooperative Tfor Simultaneous Wireless Information and Power Transfer in Clustered Wireless Sensor Networks. IEEE Transactions on Communications, 2015, 63, 4405-4417. | 7.8 | 104       |
| 136 | Voronoi diagram based indoor localization in wireless sensor networks. , 2015, , .  |     | 4         |
| 137 | Delivery latency minimization in wireless sensor networks with mobile sink. , 2015, , .   |     | 10        |
| 138 | Joint Optimal Data Rate and Power Allocation in Lossy Mobile Ad Hoc Networks with Delay-Constrained Traffics. IEEE Transactions on Computers, 2015, 64, 747-762.                        | 3.4 | 23        |
| 139 | Optimal rate and power allocation under quality-of-service requirements for wireless multihop networks. International Journal of Communication Systems, 2014, 27, 2343-2365.            | 2.5 | 4         |
| 140 | Joint Subcarrier Pairing and Power Allocation in OFDMA Cooperative Relay Networks. , 2014, , .  |     | 0         |
| 141 | Energy-efficient mobile data collection in energy-harvesting wireless sensor networks. , 2014, , .  |     | 9         |
| 142 | Joint subcarrier and power allocation with fairness in uplink OFDMA systems based on ant colony optimization. International Journal of Communication Systems, 2014, 27, 1505-1521.      | 2.5 | 4         |
| 143 | Joint Mobile Data Gathering and Energy Provisioning in Wireless Rechargeable Sensor Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2836-2852.                               | 5.8 | 227       |
| 144 | Jointly Optimal Congestion and Power Control for Rayleigh-Faded Channels with Outage Constraints. Wireless Personal Communications, 2014, 77, 101-125.                                  | 2.7 | 6         |

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|-----|--|-----|-----------|
| 145 | A Newton-Like Optimal Resource Allocation Algorithm and its Convergence for Wireless Ad Hoc Networks. Journal of Networks, 2014, 9, .  | 0.4 | 1         |
| 146 | Mobile data gathering with Wireless Energy Replenishment in rechargeable sensor networks. , 2013, , .  |     | 101       |
| 147 | Stability analysis of a novel epidemics model with vaccination and nonlinear infectious rate. Applied Mathematics and Computation, 2013, 221, 786-801.   | 2.2 | 2         |
| 148 | Dynamic Rate and Power Allocation in Wireless Ad Hoc Networks with Elastic and Inelastic Traffic. Wireless Personal Communications, 2013, 70, 435-457.   | 2.7 | 3         |
| 149 | Topology Control for Maximizing Network Lifetime in Wireless Sensor Networks with Mobile Sink. , 2013, , .   |     | 1         |
| 150 | Optimal and distributed resource allocation in lossy mobile ad hoc networks. , 2013, , .   |     | 3         |
| 151 | A distributed optimal framework for mobile data gathering with concurrent data uploading in wireless sensor networks. , 2012, , .  |     | 8         |
| 152 | Distributed Power and Rate Allocation with Fairness for Cognitive Radios in Wireless Ad Hoc Networks. , 2011, , .  |     | 4         |
| 153 | Distributed cross-layer resource allocation in wireless ad hoc networks. , 2011, , .   |     | 1         |
| 154 | Distributed algorithms for resource allocation of physical and transport layers in wireless cognitive ad hoc networks. Wireless Networks, 2011, 17, 337-356.   | 3.0 | 9         |
| 155 | Distributed resource allocation with fairness for cognitive radios in wireless mobile ad hoc networks. Wireless Networks, 2011, 17, 1493-1512.   | 3.0 | 8         |
| 156 | Hopf and resonant double Hopf bifurcation in congestion control algorithm with heterogeneous delays. Nonlinear Dynamics, 2010, 61, 553-567.  | 5.2 | 8         |
| 157 | Hopf bifurcation analysis for congestion control with heterogeneous delays. Nonlinear Analysis: Real World Applications, 2010, 11, 3077-3090.  | 1.7 | 13        |
| 158 | Research on Cooperative Packet Forwarding and Punishment Mechanism in Wireless Sensor Networks. , 2010, , .  |     | 0         |
| 159 | Novel delay-range-dependent stability analysis of the second-order congestion control algorithm with heterogenous communication delays. Journal of Network and Computer Applications, 2009, 32, 568-577. | 9.1 | 3         |
| 160 | Dynamics of an inertial two-neuron system with time delay. Nonlinear Dynamics, 2009, 58, 573-609.  | 5.2 | 86        |
| 161 | Linear stability and Hopf bifurcation analysis for exponential RED algorithm with heterogeneous delays. Nonlinear Analysis: Real World Applications, 2009, 10, 2225-2245.                                | 1.7 | 9         |
| 162 | Stability and Hopf bifurcation analysis in a novel congestion control model with communication delay. Nonlinear Analysis: Real World Applications, 2008, 9, 1292-1309.                                   | 1.7 | 32        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 163 | Necessary and sufficient conditions for Hopf bifurcation in exponential RED algorithm with communication delay. <i>Nonlinear Analysis: Real World Applications</i> , 2008, 9, 1768-1793. | 1.7 | 26        |
| 164 | Hopf bifurcation control in a congestion control model via dynamic delayed feedback. <i>Chaos</i> , 2008, 18, 043104.  | 2.5 | 25        |
| 165 | The Research for Hopf Bifurcation in a Single Inertial Neuron Model with External Forcing. , 2007, , .   |     | 9         |
| 166 | Stability analysis of a novel exponential-RED model with heterogeneous delays. <i>Computer Communications</i> , 2007, 30, 1058-1074.   | 5.1 | 15        |
| 167 | Stability and bifurcation analysis in tri-neuron model with time delay. <i>Nonlinear Dynamics</i> , 2007, 49, 319-345.   | 5.2 | 46        |
| 168 | The Research for Hopf Bifurcation in a Single Inertial Neuron Model with External Forcing. , 2007, , .   |     | 2         |