

# Yong Ren

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153  
papers

3,980  
citations

29  
h-index

60  
g-index

190  
ext. papers

4,985  
ext. citations

6.3  
avg, IF

6.13  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 153 | Machine Learning Paradigms for Next-Generation Wireless Networks. <i>IEEE Wireless Communications</i> , <b>2017</b> , 24, 98-105   | 13.4 | 580       |
| 152 | Information Security in Big Data: Privacy and Data Mining. <i>IEEE Access</i> , <b>2014</b> , 2, 1149-1176   | 3.5  | 313       |
| 151 | Taking Drones to the Next Level: Cooperative Distributed Unmanned-Aerial-Vehicular Networks for Small and Mini Drones. <i>IEEE Vehicular Technology Magazine</i> , <b>2017</b> , 12, 73-82   | 9.9  | 248       |
| 150 | Thirty Years of Machine Learning: The Road to Pareto-Optimal Wireless Networks. <i>IEEE Communications Surveys and Tutorials</i> , <b>2020</b> , 22, 1472-1514                               | 37.1 | 241       |
| 149 | Joint UAV Hovering Altitude and Power Control for Space-Air-Ground IoT Networks. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 1741-1753   | 10.7 | 137       |
| 148 | . <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 406-416  | 14.2 | 131       |
| 147 | Energy-Efficient Computation Offloading for Secure UAV-Edge-Computing Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 6074-6087                                | 6.8  | 116       |
| 146 | Internet of Vehicles: Sensing-Aided Transportation Information Collection and Diffusion. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 3813-3825                      | 6.8  | 102       |
| 145 | . <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 7097-7111  | 10.7 | 92        |
| 144 | Resource Allocation for Multi-UAV Aided IoT NOMA Uplink Transmission Systems. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 7025-7037  | 10.7 | 90        |
| 143 | Contract Design for Traffic Offloading and Resource Allocation in Heterogeneous Ultra-Dense Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2017</b> , 35, 2457-2467  | 14.2 | 87        |
| 142 | Auction Design and Analysis for SDN-Based Traffic Offloading in Hybrid Satellite-Terrestrial Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 2202-2217 | 14.2 | 77        |
| 141 | . <i>IEEE Vehicular Technology Magazine</i> , <b>2020</b> , 15, 122-134  | 9.9  | 76        |
| 140 | Energy-efficient non-cooperative cognitive radio networks: micro, meso, and macro views <b>2014</b> , 52, 14-20  |      | 71        |
| 139 | Security in space information networks <b>2015</b> , 53, 82-88   |      | 61        |
| 138 | . <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2017</b> , 53, 598-618   | 3.7  | 59        |
| 137 | Distributed Q-Learning Aided Heterogeneous Network Association for Energy-Efficient IIoT. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 2756-2764                   | 11.9 | 59        |

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|-----|--|------|----|
| 136 | Contract Mechanism and Performance Analysis for Data Transaction in Mobile Social Networks. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2019</b> , 6, 103-115                         | 4.9  | 59 |
| 135 | . <i>IEEE Wireless Communications</i> , <b>2016</b> , 23, 136-144  | 13.4 | 56 |
| 134 | Secure Satellite-Terrestrial Transmission Over Incumbent Terrestrial Networks via Cooperative Beamforming. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 1367-1382           | 14.2 | 51 |
| 133 | . <i>IEEE Transactions on Multimedia</i> , <b>2016</b> , 18, 820-830   | 6.6  | 50 |
| 132 | Community-Structured Evolutionary Game for Privacy Protection in Social Networks. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2018</b> , 13, 574-589                               | 8    | 46 |
| 131 | Network Association Strategies for an Energy Harvesting Aided Super-WiFi Network Relying on Measured Solar Activity. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 3785-3797 | 14.2 | 43 |
| 130 | Energy Efficient D2D Communications: A Perspective of Mechanism Design. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 7272-7285  | 9.6  | 41 |
| 129 | Cooperative Device-to-Device Communications: Social Networking Perspectives. <i>IEEE Network</i> , <b>2017</b> , 31, 38-44   | 11.4 | 37 |
| 128 | Age of Information in Energy Harvesting Aided Massive Multiple Access Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2022</b> , 1-1  | 14.2 | 36 |
| 127 | A Distributed Gateway Selection Algorithm for UAV Networks. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2015</b> , 3, 22-33  | 4.1  | 34 |
| 126 | A Framework for Categorizing and Applying Privacy-Preservation Techniques in Big Data Mining. <i>Computer</i> , <b>2016</b> , 49, 54-62  | 1.6  | 32 |
| 125 | Stochastic Optimization Aided Energy-Efficient Information Collection in Internet of Underwater Things Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1                                | 10.7 | 32 |
| 124 | Mobile Data Transactions in Device-to-Device Communication Networks: Pricing and Auction. <i>IEEE Wireless Communications Letters</i> , <b>2016</b> , 5, 300-303   | 5.9  | 28 |
| 123 | The Value Strength Aided Information Diffusion in Socially-Aware Mobile Networks. <i>IEEE Access</i> , <b>2016</b> , 4, 3907-3919  | 3.5  | 27 |
| 122 | AoI-Inspired Collaborative Information Collection for AUV-Assisted Internet of Underwater Things. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 14559-14571                                    | 10.7 | 27 |
| 121 | . <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 9870-9883  | 10.7 | 25 |
| 120 | Temporal Centrality-Balanced Traffic Management for Space Satellite Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 4427-4439   | 6.8  | 25 |
| 119 | Stability of Cloud-Based UAV Systems Supporting Big Data Acquisition and Processing. <i>IEEE Transactions on Cloud Computing</i> , <b>2019</b> , 7, 866-877  | 3.3  | 25 |

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|-----|--|------|----|
| 118 | Dynamic Privacy Pricing: A Multi-Armed Bandit Approach With Time-Variant Rewards. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2017</b> , 12, 271-285                     | 8    | 24 |
| 117 | The Transmit-Energy vs Computation-Delay Trade-Off in Gateway-Selection for Heterogenous Cloud Aided Multi-UAV Systems. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 3026-3039 | 6.9  | 24 |
| 116 | Double Auction Mechanism Design for Video Caching in Heterogeneous Ultra-Dense Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 1669-1683                       | 9.6  | 21 |
| 115 | User Participation in Collaborative Filtering-Based Recommendation Systems: A Game Theoretic Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 1339-1352                     | 10.2 | 21 |
| 114 | Distributed Fault-Tolerant Topology Control in Cooperative Wireless Ad Hoc Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 2699-2710                  | 3.7  | 19 |
| 113 | User Association in Heterogeneous Networks: A Social Interaction Approach. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 9982-9993  | 6.8  | 18 |
| 112 | Aggressive congestion control mechanism for space systems. <i>IEEE Aerospace and Electronic Systems Magazine</i> , <b>2016</b> , 31, 28-33   | 2.4  | 17 |
| 111 | MagicNet: The Maritime Giant Cellular Network. <i>IEEE Communications Magazine</i> , <b>2021</b> , 59, 117-123   | 9.1  | 17 |
| 110 | Maximizing Network Capacity with Optimal Source Selection: A Network Science Perspective. <i>IEEE Signal Processing Letters</i> , <b>2015</b> , 22, 938-942                                      | 3.2  | 16 |
| 109 | Cooperative Spectrum Sharing in D2D-Enabled Cellular Networks. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 1-1  | 6.9  | 15 |
| 108 | Microblog Dimensionality Reduction via Deep Learning Approach. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2016</b> , 28, 1779-1789  | 4.2  | 15 |
| 107 | Spatial and Temporal Analysis of Probe Vehicle-based Sampling for Real-time Traffic Information System. <i>Intelligent Vehicles Symposium, 2009 IEEE</i> , <b>2007</b> ,                         |      | 15 |
| 106 | Information Credibility Modeling in Cooperative Networks: Equilibrium and Mechanism Design. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2017</b> , 35, 432-448                  | 14.2 | 14 |
| 105 | Robust Beamforming for Multibeam Satellite Communication in the Face of Phase Perturbations. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 3043-3047                      | 6.8  | 14 |
| 104 | Social Learning Based Inference for Crowdsensing in Mobile Social Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2018</b> , 17, 1966-1979   | 4.6  | 13 |
| 103 | Complex network theoretical analysis on information dissemination over vehicular networks <b>2016</b> ,  |      | 13 |
| 102 | Access points selection in super WiFi network powered by solar energy harvesting <b>2016</b> ,   |      | 13 |
| 101 | Satellite Image Prediction Relying on GAN and LSTM Neural Networks <b>2019</b> ,   |      | 12 |

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| 100 | A DHT and MDP-based mobility management scheme for large-scale mobile internet <b>2011</b> ,   |      | 12 |
| 99  | A Novel Real-time Traffic Information System Based on Wireless Mesh Networks <b>2007</b> ,   |      | 12 |
| 98  | Intra-superframe power management for IEEE 802.15.3 WPAN. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 228-230  | 3.8  | 12 |
| 97  | Multicast Beamforming Optimization in Cloud-Based Heterogeneous Terrestrial and Satellite Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 1766-1776         | 6.8  | 12 |
| 96  | Joint Multicast Beamforming and Relay Design for Maritime Communication Systems. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2020</b> , 4, 139-151                | 4    | 11 |
| 95  | Grasping Marine Products With Hybrid-Driven Underwater Vehicle-Manipulator System. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2020</b> , 1-12                     | 4.9  | 11 |
| 94  | Auction-Based Data Transaction in Mobile Networks: Data Allocation Design and Performance Analysis. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 19, 1040-1055             | 4.6  | 11 |
| 93  | Convergence of broadband and broadcast/multicast in maritime information networks. <i>Tsinghua Science and Technology</i> , <b>2021</b> , 26, 592-607                                      | 3.4  | 11 |
| 92  | Network Association in Machine-Learning Aided Cognitive Radar and Communication Co-Design. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2019</b> , 37, 2322-2336           | 14.2 | 10 |
| 91  | Privacy-Accuracy Trade-Off in Differentially-Private Distributed Classification: A Game Theoretical Approach. <i>IEEE Transactions on Big Data</i> , <b>2017</b> , 1-1                     | 3.2  | 10 |
| 90  | Data Transaction Modeling in Mobile Networks: Contract Mechanism and Performance Analysis <b>2017</b> ,  |      | 10 |
| 89  | Multi-Agent Reinforcement Learning Aided Intelligent UAV Swarm for Target Tracking. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1                                   | 6.8  | 10 |
| 88  | SDN-Based Resource Allocation in Edge and Cloud Computing Systems: An Evolutionary Stackelberg Differential Game Approach. <i>IEEE/ACM Transactions on Networking</i> , <b>2022</b> , 1-16 | 3.8  | 10 |
| 87  | Game theoretic data privacy preservation: Equilibrium and pricing <b>2015</b> ,  |      | 9  |
| 86  | On the outage probability of information sharing in cognitive vehicular networks <b>2016</b> ,   |      | 9  |
| 85  | The value strength aided information diffusion in online social networks <b>2016</b> ,   |      | 9  |
| 84  | Sequence-based localization algorithm with improved correlation metric and dynamic centroid. <i>Science China Information Sciences</i> , <b>2011</b> , 54, 2349-2358                       | 3.4  | 9  |
| 83  | Colonel Blotto Games in Network Systems: Models, Strategies, and Applications. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2020</b> , 7, 637-649                      | 4.9  | 9  |

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|----|--|------|---|
| 82 | Content Aided Clustering and Cluster Head Selection Algorithms in Vehicular Networks <b>2017</b> ,   |      | 8 |
| 81 | Check in or Not? A Stochastic Game for Privacy Preserving in Point-of-Interest Recommendation System. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 4178-4190                        | 10.7 | 8 |
| 80 | Reliability of Cloud Controlled Multi-UAV Systems for On-Demand Services <b>2017</b> ,   |      | 8 |
| 79 | Node Energy Consumption Analysis in Wireless Sensor Networks <b>2014</b> ,   |      | 8 |
| 78 | User participation game in collaborative filtering <b>2014</b> ,   |      | 8 |
| 77 | Atmospheric pressure-aware seamless 3-D localization and navigation for mobile Internet devices. <i>Tsinghua Science and Technology</i> , <b>2012</b> , 17, 172-178                              | 3.4  | 8 |
| 76 | On Searching Available Channels with Asynchronous MAC-Layer Spectrum Sensing. <i>IEICE Transactions on Communications</i> , <b>2010</b> , E93-B, 2113-2125                                       | 0.5  | 8 |
| 75 | A Hierarchical Information Acquisition System for AUV Assisted Internet of Underwater Things. <i>IEEE Access</i> , <b>2020</b> , 8, 176089-176100  | 3.5  | 8 |
| 74 | Stackelberg Differential Game Based Resource Sharing in Hierarchical Fog-Cloud Computing <b>2019</b> ,   |      | 8 |
| 73 | QLACO: Q-learning Aided Ant Colony Routing Protocol for Underwater Acoustic Sensor Networks <b>2020</b> ,  |      | 7 |
| 72 | Distributed Hierarchical Information Acquisition Systems Based on AUV Enabled Sensor Networks <b>2019</b> ,  |      | 7 |
| 71 | Graph-Based AJAX Crawl: Mining Data from Rich Internet Applications <b>2012</b> ,  |      | 7 |
| 70 | Analysis of interference in cognitive radio networks with unknown primary behavior <b>2012</b> ,   |      | 7 |
| 69 | Peer Prediction-Based Trustworthiness Evaluation and Trustworthy Service Rating in Social Networks. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2019</b> , 14, 1582-1594 | 8    | 7 |
| 68 | Timing Synchronization and Ranging in Networked UAV-Aided OFDM Systems. <i>Journal of Communications and Information Networks</i> , <b>2018</b> , 3, 45-54                                       |      | 7 |
| 67 | Edge Intelligence for Mission-Critical 6G Services in Space-Air-Ground Integrated Networks. <i>IEEE Network</i> , <b>2022</b> , 1-9  | 11.4 | 7 |
| 66 | Average Peak Age of Information in Underwater Information Collection with Sleep-scheduling. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1                                 | 6.8  | 7 |
| 65 | Big Data Aided Vehicular Network Feature Analysis and Mobility Models Design. <i>Mobile Networks and Applications</i> , <b>2018</b> , 23, 1487-1495  | 2.9  | 6 |

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| 64 | Secure Collaborative Spectrum Sensing: A Peer-Prediction Method. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 1-1                             | 6.9 | 6 |
| 63 | uSink: Smartphone-based mobile sink for wireless sensor networks <b>2011</b> ,  |     | 6 |
| 62 | Trustable service rating in social networks: A peer prediction method <b>2016</b> ,   |     | 6 |
| 61 | Privacy protection: A community-structured evolutionary game approach <b>2016</b> ,   |     | 5 |
| 60 | Hardware-in-the-loop simulation system for space information networks. <i>Journal of Communications and Information Networks</i> , <b>2017</b> , 2, 131-141 |     | 5 |
| 59 | Adaptive Channel Sensing for Asynchronous Cooperative Spectrum Sensing Scheme. <i>IEICE Transactions on Communications</i> , <b>2013</b> , E96.B, 918-922   | 0.5 | 5 |
| 58 | Cognitive Data Allocation for Auction-based Data Transaction in Mobile Networks <b>2018</b> ,   |     | 5 |
| 57 | Intrusion detection for wireless sensor networks: A multi-criteria game approach <b>2018</b> ,  |     | 4 |
| 56 | Big data driven information diffusion analysis and control in online social networks <b>2017</b> ,  |     | 4 |
| 55 | Stability Analysis and Resource Allocation for Space-Based Multi-Access Systems <b>2015</b> ,   |     | 4 |
| 54 | Probabilistic Neural Network for RSS-Based Collaborative Localization <b>2012</b> ,   |     | 4 |
| 53 | Analysis of Time- and Space-domain Sampling for Probe Vehicle-based Traffic Information System <b>2007</b> ,  |     | 4 |
| 52 | Effective Management of Secondary User Density in Cognitive Radio Networks. <i>IEICE Transactions on Communications</i> , <b>2010</b> , E93-B, 2443-2447    | 0.5 | 4 |
| 51 | Machine-Learning-Aided Mission-Critical Internet of Underwater Things. <i>IEEE Network</i> , <b>2021</b> , 35, 160-166                                      | 1.4 | 4 |
| 50 | Traffic prediction based resource configuration in space-based systems <b>2016</b> ,  |     | 4 |
| 49 | A novel cardiac arrhythmia detection method relying on improved DTW method <b>2017</b> ,  |     | 3 |
| 48 | Big Data Driven Similarity Based U-Model for Online Social Networks <b>2017</b> ,   |     | 3 |
| 47 | uSD: An SD-Based Mobile Gateway to Wireless Sensor Network <b>2010</b> ,  |     | 3 |

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|----|---|-----|---|
| 46 | Energy efficient transmission protocol for UWB WPAN   |     | 3 |
| 45 | Contract Based Information Collection in Underwater Acoustic Sensor Networks <b>2020</b> ,  |     | 3 |
| 44 | Cooperative WiFi management: Nash bargaining solution and implementation <b>2016</b> ,  |     | 3 |
| 43 | Networked Data Transaction in Mobile Networks: A Prediction-based Approach Using Auction <b>2018</b>                              |     | 3 |
| 42 | Time cumulative complexity modeling and analysis for space-based networks <b>2016</b> ,   |     | 2 |
| 41 | A Sink Node Assisted Lightweight Intrusion Detection Mechanism for WBAN <b>2018</b> ,   |     | 2 |
| 40 | Deep learning in exploring semantic relatedness for microblog dimensionality reduction <b>2015</b> ,                              |     | 2 |
| 39 | Privacy Preserving Distributed Classification: A Satisfaction Equilibrium Approach <b>2017</b> ,                                  |     | 2 |
| 38 | A topology control algorithm based on D-region fault tolerance. <i>Science China Information Sciences</i> , <b>2013</b> , 56, 1-9 | 3-4 | 2 |
| 37 | File-Sharing Preference in a Peer-to-Peer Network. <i>IEEE Circuits and Systems Magazine</i> , <b>2011</b> , 11, 43-51            | 3-2 | 2 |
| 36 | Analysis of Optimal Query, Fairness and Replication for DHT-based Mobility Management <b>2011</b> ,                               |     | 2 |
| 35 | Comparison of IEEE 802.11e and IEEE 802.15.3 MAC <b>2004</b> ,  |     | 2 |
| 34 | Stability analysis on active queue management algorithms in routers   |     | 2 |
| 33 | A new synchronization algorithm for OFDM systems in multipath environment   |     | 2 |
| 32 | Forwarding the balance between absolute and relative: a new differentiated services model for adaptive traffic                    |     | 2 |
| 31 | Vol Based Information Collection for AUV Assisted Underwater Acoustic Sensor Networks <b>2020</b> ,                               |     | 2 |
| 30 | Performance Analysis and Optimization for V2V-assisted UAV Communications in Vehicular Networks <b>2020</b> ,                     |     | 2 |
| 29 | Heterogeneous Multi-AUV Aided Green Internet of Underwater Things <b>2021</b> ,   |     | 2 |

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|----|--|-----|---|
| 28 | Multi-UAV Cooperative Target Tracking Based on Swarm Intelligence <b>2021,</b>   |     | 2 |
| 27 | Advanced Wireless Communications and Mobile Computing Technologies for the Internet of Things. <i>Wireless Communications and Mobile Computing</i> , <b>2018</b> , 2018, 1-2 | 1.9 | 2 |
| 26 | Second-Price Auction Based Cognitive Traffic Offloading in Heterogeneous Networks <b>2019,</b>   |     | 1 |
| 25 | Pricing equilibrium for data redistribution market in wireless networks with matching methodology <b>2015,</b>   |     | 1 |
| 24 | Access Strategy in Super WiFi Network Powered by Solar Energy Harvesting: A POMDP Method <b>2016,</b>  |     | 1 |
| 23 | Optimal protection resource allocation: A perspective of network science <b>2016,</b>  |     | 1 |
| 22 | Network Association for Cognitive Communication and Radar Co-Systems: A POMDP Formulation <b>2018,</b>   |     | 1 |
| 21 | Asymmetric normalization aided information diffusion for socially-aware mobile networks <b>2017,</b>   |     | 1 |
| 20 | Optimal Satellite Scheduling with Critical Node Analysis <b>2017,</b>  |     | 1 |
| 19 | Topology control algorithm using fault-tolerant 1-spanner for wireless ad hoc networks. <i>Tsinghua Science and Technology</i> , <b>2012</b> , 17, 186-193                   | 3.4 | 1 |
| 18 | A DHT-based fast handover management scheme for mobile identifier/locator separation networks. <i>Science China Information Sciences</i> , <b>2012</b> , 56, 1               | 3.4 | 1 |
| 17 | Optimization-Based Design of Wireless Link Scheduling With Physical Interference Model. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 3705-3717       | 6.8 | 1 |
| 16 | Link Scheduling with Physical Interference Model for Throughput Improvement in Wireless Multi-hop Networks <b>2009,</b>  |     | 1 |
| 15 | Analysis on deployment parameters of secondary users in cognitive radio networks <b>2010,</b>  |     | 1 |
| 14 | Performance Analysis in General Cyclic ADCs. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2003</b> , 13, 2369-2376         | 2   | 1 |
| 13 | WDRLS: a wavelet-based on-line predictor for network traffic   |     | 1 |
| 12 | A User Association Policy for UAV-aided Time-varying Vehicular Networks with MEC <b>2020,</b>  |     | 1 |
| 11 | Power Allocation for Multi-Satellite System Integrated with Precoding and User Scheduling <b>2018,</b>   |     | 1 |

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|----|---|-----|---|
| 10 | Achieving Fairness without Loss of Performance in Selection Cooperation of Wireless Networks. <i>IEICE Transactions on Communications</i> , <b>2011</b> , E94-B, 2406-2410                          | 0.5 | 0 |
| 9  | On Solving Link-a-Pix Picture Puzzles. <i>IEEE Transactions on Games</i> , <b>2020</b> , 1-1  | 1.2 |   |
| 8  | Joint video adaptation and erasure code for video broadcast in wireless networks. <i>Science China Information Sciences</i> , <b>2013</b> , 56, 1-15  | 3.4 |   |
| 7  | Estimation of the variances of TCP/RED using stochastic differential equation. <i>Asian Journal of Control</i> , <b>2012</b> , 14, 454-465  | 1.7 |   |
| 6  | New theoretical framework for OFDM/CDMA systems with peak-limited nonlinearities. <i>Science in China Series F: Information Sciences</i> , <b>2007</b> , 50, 783-792                                |     |   |
| 5  | Joint admission control algorithm in access network. <i>Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities</i> , <b>2008</b> , 3, 150-154 |     |   |
| 4  | Thingsbook: Merging Things into SNS Using IoT <b>2011</b> , 741-747   |     |   |
| 3  | Big Data Driven Oriented Graph Theory Aided tagSNPs Selection for Genetic Precision Therapy. <i>IEEE Access</i> , <b>2019</b> , 7, 3746-3754  | 3.5 |   |
| 2  | Research on UAV Fusion Tracking and Identification Technology in Complex Environment. <i>Lecture Notes in Electrical Engineering</i> , <b>2022</b> , 2854-2867                                      | 0.2 |   |
| 1  | Intra-superframe power management for IEEE 802.15.3 WPAN. <i>IEEE Communications Letters</i> , <b>2005</b> , 9, 228-230   | 3.8 |   |