

Yaoxue Zhang

List of Publications by Citations

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197
papers

3,577
citations

31
h-index

53
g-index

243
ext. papers

4,765
ext. citations

5.4
avg, IF

6.22
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 197 | Serving at the Edge: A Scalable IoT Architecture Based on Transparent Computing. <i>IEEE Network</i> , 2017 , 31, 96-105 | 11.4 | 276 |
| 196 | . <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 788-800 | 11.9 | 145 |
| 195 | . <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 3143-3156 | 9.6 | 143 |
| 194 | A Blockchain-Based Nonrepudiation Network Computing Service Scheme for Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3632-3641 | 11.9 | 135 |
| 193 | A Survey on End-Edge-Cloud Orchestrated Network Computing Paradigms. <i>ACM Computing Surveys</i> , 2020 , 52, 1-36 | 13.4 | 130 |
| 192 | Immobilization on Metal-Organic Framework Engenders High Sensitivity for Enzymatic Electrochemical Detection. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 13831-13836 | 9.5 | 120 |
| 191 | A Review of Current Methods for Analysis of Mycotoxins in Herbal Medicines. <i>Toxins</i> , 2018 , 10, | 4.9 | 95 |
| 190 | A Survey on Emerging Computing Paradigms for Big Data. <i>Chinese Journal of Electronics</i> , 2017 , 26, 1-12 | 0.9 | 90 |
| 189 | BOAT: A Block-Streaming App Execution Scheme for Lightweight IoT Devices. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1816-1829 | 10.7 | 88 |
| 188 | Blockchain Empowered Arbitrable Data Auditing Scheme for Network Storage as a Service. <i>IEEE Transactions on Services Computing</i> , 2019 , 1-1 | 4.8 | 84 |
| 187 | RF Energy Harvesting and Transfer in Cognitive Radio Sensor Networks: Opportunities and Challenges 2018 , 56, 104-110 | | 78 |
| 186 | . <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 392-407 | 7.5 | 70 |
| 185 | GANobfuscator: Mitigating Information Leakage Under GAN via Differential Privacy. <i>IEEE Transactions on Information Forensics and Security</i> , 2019 , 14, 2358-2371 | 8 | 65 |
| 184 | Two Time-Scale Resource Management for Green Internet of Things Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 545-556 | 10.7 | 63 |
| 183 | Near-Optimal and Truthful Online Auction for Computation Offloading in Green Edge-Computing Systems. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 19, 880-893 | 4.6 | 63 |
| 182 | Delay-Optimal Proactive Service Framework for Block-Stream as a Service. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 598-601 | 5.9 | 56 |
| 181 | Lead: Large-Scale Edge Cache Deployment Based on Spatio-Temporal WiFi Traffic Statistics. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1 | 4.6 | 53 |

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| 180 | Joint Channel Access and Sampling Rate Control in Energy Harvesting Cognitive Radio Sensor Networks. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2019 , 7, 149-161 | 4.1 | 53 |
| 179 | Distributed and Efficient Object Detection in Edge Computing: Challenges and Solutions. <i>IEEE Network</i> , 2018 , 32, 137-143 | 11.4 | 52 |
| 178 | DPPro: Differentially Private High-Dimensional Data Release via Random Projection. <i>IEEE Transactions on Information Forensics and Security</i> , 2017 , 12, 3081-3093 | 8 | 49 |
| 177 | Secure Data Aggregation of Lightweight E-Healthcare IoT Devices With Fair Incentives. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8714-8726 | 10.7 | 47 |
| 176 | Brain Differences Between Men and Women: Evidence From Deep Learning. <i>Frontiers in Neuroscience</i> , 2019 , 13, 185 | 5.1 | 42 |
| 175 | . <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 1-1 | 4.9 | 42 |
| 174 | . <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 1-1 | 4.1 | 41 |
| 173 | Diel and seasonal variation of methane and carbon dioxide fluxes at site Guojiaba, the Three Gorges Reservoir. <i>Journal of Environmental Sciences</i> , 2013 , 25, 2065-71 | 6.4 | 41 |
| 172 | Dynamics of dissolved organic matter (DOM) in a typical inland lake of the Three Gorges Reservoir area: Fluorescent properties and their implications for dissolved mercury species. <i>Journal of Environmental Management</i> , 2018 , 206, 418-429 | 7.9 | 41 |
| 171 | Exploiting Secure and Energy-Efficient Collaborative Spectrum Sensing for Cognitive Radio Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 6813-6827 | 9.6 | 39 |
| 170 | . <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 1684-1697 | 6.8 | 37 |
| 169 | . <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 579-590 | 6.6 | 37 |
| 168 | Novel chalcone derivatives containing a 1,2,4-triazine moiety: design, synthesis, antibacterial and antiviral activities.. <i>RSC Advances</i> , 2019 , 9, 6011-6020 | 3.7 | 34 |
| 167 | Classification of Hand Movements From EEG Using a Deep Attention-Based LSTM Network. <i>IEEE Sensors Journal</i> , 2020 , 20, 3113-3122 | 4 | 33 |
| 166 | Flexible and Efficient Authenticated Key Agreement Scheme for BANs Based on Physiological Features. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 845-856 | 4.6 | 31 |
| 165 | Online Multi-Workflow Scheduling under Uncertain Task Execution Time in IaaS Clouds. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 1-1 | 3.3 | 29 |
| 164 | Tuning the ambipolar charge transport properties of N-heteropentacenes by their frontier molecular orbital energy levels. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4188-4196 | 7.1 | 28 |
| 163 | 4VP: A Novel Meta OS Approach for Streaming Programs in Ubiquitous Computing. <i>International Conference on Advanced Networking and Applications</i> , 2007 , | | 28 |

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| 162 | Efficient and Privacy-preserving Fog-assisted Health Data Sharing Scheme. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2019 , 10, 1-23 | 8 | 27 |
| 161 | Block-Stream as a Service: A More Secure, Nimble, and Dynamically Balanced Cloud Service Model for Ambient Computing. <i>IEEE Network</i> , 2018 , 32, 126-132 | 11.4 | 27 |
| 160 | TransOS: a transparent computing-based operating system for the cloud. <i>International Journal of Cloud Computing</i> , 2012 , 1, 287 | 1 | 27 |
| 159 | An efficient privacy-enhanced attribute-based access control mechanism. <i>Concurrency Computation Practice and Experience</i> , 2020 , 32, e5556 | 1.4 | 27 |
| 158 | . <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1144-1158 | 14.2 | 24 |
| 157 | Mining checkins from location-sharing services for client-independent IP geolocation 2014 , | | 24 |
| 156 | An Incentive-Aware Job Offloading Control Framework for Multi-Access Edge Computing. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 63-75 | 4.6 | 24 |
| 155 | Performance Analysis for Massive MIMO Downlink With Low Complexity Approximate Zero-Forcing Precoding. <i>IEEE Transactions on Communications</i> , 2018 , 66, 3848-3864 | 6.9 | 22 |
| 154 | JointRec: A Deep-Learning-Based Joint Cloud Video Recommendation Framework for Mobile IoT. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 1655-1666 | 10.7 | 22 |
| 153 | Interval-Valued Intuitionistic Uncertain Linguistic Cloud Petri Net and Its Application to Risk Assessment for Subway Fire Accident. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020 , 1-15 | 4.9 | 21 |
| 152 | Joint Load Scheduling and Voltage Regulation in the Distribution System With Renewable Generators. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 1564-1574 | 11.9 | 20 |
| 151 | Wideband High-Absorption Electromagnetic Absorber With Chaos Patterned Surface. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 197-201 | 3.8 | 20 |
| 150 | Rapid degradation of dimethomorph in polluted water and soil by <i>Bacillus cereus</i> WL08 immobilized on bamboo charcoal-sodium alginate. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122806 | 12.8 | 19 |
| 149 | A Truthful Online Mechanism for Collaborative Computation Offloading in Mobile Edge Computing. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4832-4841 | 11.9 | 19 |
| 148 | EdgeSanitizer: Locally Differentially Private Deep Inference at the Edge for Mobile Data Analytics. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5140-5151 | 10.7 | 18 |
| 147 | Engineering Surface Patterns with Shape Memory Polymers: Multiple Design Dimensions for Diverse and Hierarchical Structures. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 1563-1570 | 9.5 | 18 |
| 146 | Community Integrated Earth System Model (CIEM): Description and Evaluation. <i>Journal of Advances in Modeling Earth Systems</i> , 2020 , 12, e2019MS002036 | 7.1 | 17 |
| 145 | Synthesis and antiviral activity of novel myricetin derivatives containing ferulic acid amide scaffolds. <i>New Journal of Chemistry</i> , 2020 , 44, 2374-2379 | 3.6 | 17 |

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| 144 | Joint Channel Assignment and Stochastic Energy Management for RF-Powered OFDMA WSNs. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 1578-1592 | 6.8 | 16 |
| 143 | Hybrid Precoder Design for Cache-Enabled Millimeter-Wave Radio Access Networks. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 1707-1722 | 9.6 | 15 |
| 142 | Design, Synthesis, and Biological Activity of Novel Myricetin Derivatives Containing Amide, Thioether, and 1,3,4-Thiadiazole Moieties. <i>Molecules</i> , 2018 , 23, | 4.8 | 15 |
| 141 | Reduction of initial shock in decadal predictions using a new initialization strategy. <i>Geophysical Research Letters</i> , 2017 , 44, 8538-8547 | 4.9 | 14 |
| 140 | A Rapid Label-Free Fluorescent Aptasensor PicoGreen-Based Strategy for Aflatoxin B ₁ Detection in Traditional Chinese Medicines. <i>Toxins</i> , 2018 , 10, | 4.9 | 13 |
| 139 | Flat Beam Design for Massive MIMO Systems via Riemannian Optimization. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 301-304 | 5.9 | 13 |
| 138 | Privacy-preserving task recommendation with win-win incentives for mobile crowdsourcing. <i>Information Sciences</i> , 2020 , 527, 477-492 | 7.7 | 13 |
| 137 | . <i>Proceedings of the IEEE</i> , 2021 , 109, 1666-1705 | 14.3 | 13 |
| 136 | Joint Channel Allocation and Resource Management for Stochastic Computation Offloading in MEC. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 8900-8913 | 6.8 | 12 |
| 135 | Spice: Socially-driven learning-based mobile media prefetching 2016 , | | 12 |
| 134 | TransCom: A Virtual Disk-Based Cloud Computing Platform for Heterogeneous Services. <i>IEEE Transactions on Network and Service Management</i> , 2014 , 11, 46-59 | 4.8 | 12 |
| 133 | . <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-15 | 6.1 | 12 |
| 132 | Thermo-economic evaluations of dual pressure organic Rankine cycle (DPORC) driven by geothermal heat source. <i>Journal of Renewable and Sustainable Energy</i> , 2018 , 10, 063901 | 2.5 | 12 |
| 131 | . <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 2903-2915 | 6.6 | 11 |
| 130 | Snapping instability in prismatic tensegrities under torsion. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2016 , 37, 275-288 | 3.2 | 11 |
| 129 | Performance Scaling Law for Multicell Multiuser Massive MIMO. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 9890-9903 | 6.8 | 11 |
| 128 | Incentive Mechanism for Cache-Enabled Small Cell Sharing: A Stackelberg Game Approach 2017 , | | 11 |
| 127 | An Energy-Efficient Cyclic Diversions Routing Strategy against Global Eavesdroppers in Wireless Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2013 , 9, 834245 | 1.7 | 11 |

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| 126 | Efficient Federated Meta-Learning over Multi-Access Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1 | 14.2 | 11 |
| 125 | Named Data Networking Enabled Power Saving Mode Design for WLAN. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 901-913 | 6.8 | 11 |
| 124 | Enhanced Catalytic Oxidation of Toluene over Manganese Oxide Modified by Lanthanum with a Coral-Like Hierarchical Structure Nanosphere. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 10089-10100 | 9.5 | 11 |
| 123 | Novel Phosphorylated Penta-1,4-dien-3-one Derivatives: Design, Synthesis, and Biological Activity. <i>Molecules</i> , 2019 , 24, | 4.8 | 10 |
| 122 | Design, synthesis, antiviral bioactivities and interaction mechanisms of penta-1,4-diene-3-one oxime ether derivatives containing a quinazolin-4(3)-one scaffold. <i>BMC Chemistry</i> , 2019 , 13, 34 | 3.7 | 10 |
| 121 | Cache-Enabled Coordinated Mobile Edge Network: Opportunities and Challenges. <i>IEEE Wireless Communications</i> , 2020 , 27, 204-211 | 13.4 | 10 |
| 120 | SAMM50 Affects Mitochondrial Morphology through the Association of Drp1 in Mammalian Cells. <i>FEBS Letters</i> , 2016 , 590, 1313-23 | 3.8 | 10 |
| 119 | Leveraging the Tail Time for Saving Energy in Cellular Networks. <i>IEEE Transactions on Mobile Computing</i> , 2014 , 13, 1536-1549 | 4.6 | 10 |
| 118 | Lightweight and Privacy-Preserving Fog-Assisted Information Sharing Scheme for Health Big Data 2017 , | | 10 |
| 117 | Effects of Distinct Tectonic Evolutions on Hydrocarbon Accumulation in Northern and Southern Continental Marginal Basins of the South China Sea. <i>Chinese Journal of Geophysics</i> , 2011 , 54, 1097-1111 | | 10 |
| 116 | Beamforming Design for Multiuser uRLLC with Finite Blocklength Transmission. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1 | 9.6 | 10 |
| 115 | Delta opioid peptide [d-Ala ² , d-Leu ⁵] enkephalin confers neuroprotection by activating delta opioid receptor-AMPK-autophagy axis against global ischemia. <i>Cell and Bioscience</i> , 2020 , 10, 79 | 9.8 | 9 |
| 114 | Synthesis, antibacterial, and antiviral activities of novel penta-1,4-dien-3-one derivatives containing a benzotriazin-4(3H)-one moiety. <i>Chemical Papers</i> , 2018 , 72, 2193-2202 | 1.9 | 9 |
| 113 | Toward High Mobile GPU Performance Through Collaborative Workload Offloading. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018 , 29, 435-449 | 3.7 | 9 |
| 112 | Wrinkling patterns in soft shells. <i>Soft Matter</i> , 2018 , 14, 1681-1688 | 3.6 | 9 |
| 111 | Location-aided channel tracking and downlink transmission for HST massive MIMO systems. <i>IET Communications</i> , 2017 , 11, 2082-2088 | 1.3 | 9 |
| 110 | AUCTION: Automated and Quality-Aware Client Selection Framework for Efficient Federated Learning. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2022 , 33, 1996-2009 | 3.7 | 9 |
| 109 | A Plant's Electrical Parameters Indicate Its Physiological State: A Study of Intracellular Water Metabolism. <i>Plants</i> , 2020 , 9, | 4.5 | 9 |

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| 108 | Hybrid Precoding for Broadband Millimeter-Wave Communication Systems With Partial CSI. <i>IEEE Access</i> , 2018 , 6, 50891-50900 | 3.5 | 9 |
| 107 | Cooperative Multi-Subarray Beam Training in Millimeter Wave Communication Systems 2017 , | | 8 |
| 106 | Multi-Agent Reinforcement Learning Based Distributed Transmission in Collaborative Cloud-Edge Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1658-1672 | 6.8 | 8 |
| 105 | Toward Fast and Distributed Computation Migration System for Edge Computing in IoT. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 10041-10052 | 10.7 | 7 |
| 104 | Delay-Based Weighted Proportional Fair Algorithm for LTE Downlink Packet Scheduling. <i>Wireless Personal Communications</i> , 2015 , 82, 1955-1965 | 1.9 | 7 |
| 103 | Impact of water temperature on the growth and fatty acid profiles of juvenile sea cucumber <i>Apostichopus japonicus</i> (Selenka). <i>Journal of Thermal Biology</i> , 2016 , 60, 155-61 | 2.9 | 7 |
| 102 | Receiving Buffer Adaptation for High-Speed Data Transfer. <i>IEEE Transactions on Computers</i> , 2013 , 62, 2278-2291 | 2.5 | 7 |
| 101 | Building a Virtual Machine-Based Network Storage System for Transparent Computing 2012 , | | 7 |
| 100 | Blockchain-based Trustworthy Energy Dispatching Approach for High Renewable Energy Penetrated Power Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 7 |
| 99 | Tumor-derived neomorphic mutations in ASXL1 impairs the BAP1-ASXL1-FOXK1/K2 transcription network. <i>Protein and Cell</i> , 2021 , 12, 557-577 | 7.2 | 7 |
| 98 | . <i>IEEE Transactions on Multimedia</i> , 2020 , 1-1 | 6.6 | 7 |
| 97 | Enhancement of dicarboximide fungicide degradation by two bacterial cocultures of <i>Providencia stuartii</i> JD and <i>Brevundimonas naejangsansensis</i> J3. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123888 | 12.8 | 7 |
| 96 | Oxidative stress-induced mitophagy is suppressed by the miR-106b-93-25 cluster in a protective manner. <i>Cell Death and Disease</i> , 2021 , 12, 209 | 9.8 | 7 |
| 95 | A Feasible Fuzzy-Extended Attribute-Based Access Control Technique. <i>Security and Communication Networks</i> , 2018 , 2018, 1-11 | 1.9 | 7 |
| 94 | Reflection phase dispersion editing generates wideband invisible acoustic Huygens's metasurface. <i>Journal of the Acoustical Society of America</i> , 2019 , 146, 166 | 2.2 | 6 |
| 93 | P4DB: On-the-fly debugging of the programmable data plane 2017 , | | 6 |
| 92 | Performance Analysis of Virtual Disk System for Transparent Computing 2012 , | | 6 |
| 91 | TODG: Distributed Task Offloading with Delay Guarantees for Edge Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 1-1 | 3.7 | 6 |

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| 90 | The Zscan4-Tet2 Transcription Nexus Regulates Metabolic Rewiring and Enhances Proteostasis to Promote Reprogramming. <i>Cell Reports</i> , 2020 , 32, 107877 | 10.6 | 6 |
| 89 | PlantB electrophysiological information manifests the composition and nutrient transport characteristics of membrane proteins. <i>Plant Signaling and Behavior</i> , 2021 , 16, 1918867 | 2.5 | 6 |
| 88 | A trustworthy industrial data management scheme based on redactable blockchain. <i>Journal of Parallel and Distributed Computing</i> , 2021 , 152, 167-176 | 4.4 | 6 |
| 87 | Demystifying Traffic Statistics for Edge Cache Deployment in Large-Scale WiFi System 2019 , | | 6 |
| 86 | Privacy-preserving Streaming Truth Discovery in Crowdsourcing with Differential Privacy. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1 | 4.6 | 6 |
| 85 | Enhanced beamspace MUSIC for cost-effective FMCW automotive radar. <i>IET Radar, Sonar and Navigation</i> , 2020 , 14, 257-267 | 1.4 | 5 |
| 84 | Metasurface-Based Spatial Phasers for Analogue Signal Processing. <i>Advanced Optical Materials</i> , 2020 , 8, 2000128 | 8.1 | 5 |
| 83 | Joint User Scheduling and Beam Selection in mmWave Networks Based on Multi-Agent Reinforcement Learning 2020 , | | 5 |
| 82 | . <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019 , 30, 346-360 | 3.7 | 5 |
| 81 | 2019 , | | 5 |
| 80 | SHARE: Shaping Data Distribution at Edge for Communication-Efficient Hierarchical Federated Learning 2021 , | | 5 |
| 79 | Short-term Prediction of Bike-sharing Usage Considering Public Transport: A LSTM Approach 2018 , | | 5 |
| 78 | Yeast powder derived carbon quantum dots for dopamine detection and living cell imaging.. <i>Analytical Methods</i> , 2022 , | 3.2 | 5 |
| 77 | Effects of xylitol dehydrogenase (XYL2) on xylose fermentation by engineered <i>Candida glycerinogenes</i> . <i>Biotechnology and Applied Biochemistry</i> , 2017 , 64, 590-599 | 2.8 | 4 |
| 76 | Uncertainties in simulated El Niño Southern Oscillation arising from internal climate variability. <i>Atmospheric Science Letters</i> , 2018 , 19, e805 | 2.4 | 4 |
| 75 | Statistical beamforming for FDD massive MIMO downlink systems 2015 , | | 4 |
| 74 | Vehicle Re-identification for Lane-level Travel Time Estimations on Congested Urban Road Networks Using Video Images. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-17 | 6.1 | 4 |
| 73 | The effect of ABRE BINDING FACTOR 4-mediated FYVE1 on salt stress tolerance in <i>Arabidopsis</i> . <i>Plant Science</i> , 2020 , 296, 110489 | 5.3 | 3 |

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| 72 | Assembly of pathway enzymes by engineering functional membrane microdomain components for improved N-acetylglucosamine synthesis in <i>Bacillus subtilis</i> . <i>Metabolic Engineering</i> , 2020 , 61, 96-105 | 9.7 | 3 |
| 71 | A Block Prefetching Framework for Energy Harvesting IoT Devices. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 3427-3440 | 10.7 | 3 |
| 70 | Calibration of Motional Frequency Spread for Wide-Band FMCW Automotive Millimeter-Wave Radar. <i>IEEE Access</i> , 2020 , 8, 14355-14366 | 3.5 | 3 |
| 69 | Multistage Cooperative Trajectory Planning for Multimissile Formation via Bi-Level Sequential Convex Programming. <i>IEEE Access</i> , 2020 , 8, 22834-22853 | 3.5 | 3 |
| 68 | ButterFly: Mobile collaborative rendering over GPU workload migration 2017 , | | 3 |
| 67 | Gemin5 plays a role in unassembled-U1 snRNA disposal in SMN-deficient cells. <i>FEBS Letters</i> , 2018 , 592, 1400-1411 | 3.8 | 3 |
| 66 | Microbead-regulated surface wrinkling patterns in a film-substrate system. <i>Applied Physics Letters</i> , 2017 , 111, 151601 | 3.4 | 3 |
| 65 | A novel resource management method of providing operating system as a service for mobile transparent computing. <i>Scientific World Journal, The</i> , 2014 , 2014, 153847 | 2.2 | 3 |
| 64 | Exploiting channel-aware reputation system against selective forwarding attacks in WSNs 2014 , | | 3 |
| 63 | Transparent Computing: Development and Current Status. <i>Chinese Journal of Electronics</i> , 2020 , 29, 793-810 | 3.1 | 3 |
| 62 | Efficient Dependent Task Offloading for Multiple Applications in MEC-Cloud System. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1 | 4.6 | 3 |
| 61 | SoSA: Socializing Static APs for Edge Resource Pooling in Large-Scale WiFi System 2020 , | | 3 |
| 60 | Adaptive Video Streaming Using Dynamic NDN Multicast in WLAN 2020 , | | 3 |
| 59 | In vivo genome editing in mouse restores dystrophin expression in Duchenne muscular dystrophy patient muscle fibers. <i>Genome Medicine</i> , 2021 , 13, 57 | 14.4 | 3 |
| 58 | Robust Inertial Motion Tracking through Deep Sensor Fusion across Smart Earbuds and Smartphone 2021 , 5, 1-26 | | 3 |
| 57 | Toward Efficient Transparent Computing for IoT Apps by On-Chip Kernel Offload. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4085-4097 | 10.7 | 3 |
| 56 | Stop Deceiving! An effective Defense Scheme against Voice Impersonation Attacks on Smart Devices. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 3 |
| 55 | Multitype Highway Mobility Analytics for Efficient Learning Model Design: A Case of Station Traffic Prediction. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-13 | 6.1 | 3 |

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| 54 | Energy-efficient packet transmission with unidirectional-valve scheduling. <i>IET Communications</i> , 2015 , 9, 1248-1257 | 1.3 | 2 |
| 53 | Energy-Efficient Transceiver Design for Cache-Enabled Millimeter-Wave Systems. <i>IEEE Transactions on Communications</i> , 2020 , 68, 3876-3889 | 6.9 | 2 |
| 52 | Enzyme assembly guided by SPFH-induced functional inclusion bodies for enhanced cascade biocatalysis. <i>Biotechnology and Bioengineering</i> , 2020 , 117, 1446-1457 | 4.9 | 2 |
| 51 | AHT: Application-Based Handover Triggering for Saving Energy in Cellular Networks 2018 , | | 2 |
| 50 | Coordinated Fronthaul Data Assignment and Multicast Beamforming for Cache-Enabled Wireless Networks. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1082-1085 | 5.9 | 2 |
| 49 | Muclouds: Parallel Simulator for Large-Scale Cloud Computing Systems 2014 , | | 2 |
| 48 | CoCo (Context vs. Content): Behavior-Inspired Social Media Recommendation for Mobile Apps 2016 , | | 2 |
| 47 | Multifunctional Fluorescent Copper Nanoclusters for Ag ⁺ Sensing, Anticounterfeiting, and Blue/White Light-Emitting Diodes. <i>ACS Applied Nano Materials</i> , 2022 , 5, 7449-7459 | 5.6 | 2 |
| 46 | Velocity ambiguity resolution for wideband automotive millimeter wave radar: a carrier frequency multiplexing framework. <i>Journal of Electromagnetic Waves and Applications</i> , 2020 , 34, 375-389 | 1.3 | 1 |
| 45 | A novel routing verification approach based on blockchain for inter-domain routing in smart metropolitan area networks. <i>Journal of Parallel and Distributed Computing</i> , 2020 , 142, 77-89 | 4.4 | 1 |
| 44 | A case for software-defined code scheduling based on transparent computing. <i>Peer-to-Peer Networking and Applications</i> , 2018 , 11, 668-678 | 3.1 | 1 |
| 43 | Extend Capability of Low-End Android Devices by Scheduling Apps Between Local and Cloud. <i>IEEE Access</i> , 2018 , 6, 45740-45754 | 3.5 | 1 |
| 42 | Pharmacological relationships and ligand discovery of G protein-coupled receptors revealed by simultaneous ligand and receptor clustering. <i>Journal of Molecular Graphics and Modelling</i> , 2017 , 76, 136-142 | 2.8 | 1 |
| 41 | Optimally organizing distributed-component computing in the clouds: From both the user perspective and resource view 2010 , | | 1 |
| 40 | Active Services Model and its Supporting Platform in Grid Environment 2007 , | | 1 |
| 39 | A dynamic self-adaptive routing update algorithm for MANET | | 1 |
| 38 | An end-to-end QoS control model for enhanced internet. <i>Journal of Computer Science and Technology</i> , 2000 , 15, 497-508 | 1.7 | 1 |
| 37 | Dynamic Spectrum Slicing and Optimization in SAG Integrated Vehicular Networks 2020 , | | 1 |

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| 36 | A Sample-Efficient Actor-Critic Algorithm for Recommendation Diversification. <i>Chinese Journal of Electronics</i> , 2020 , 29, 89-96 | 0.9 | 1 |
| 35 | Guest Editorial Introduction to the Special Section on Vehicular Networks in the Era of 6G: End-Edge-Cloud Orchestrated Intelligence. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 5192-5196 | 6.8 | 1 |
| 34 | Comparison on the Nutrient Plunder Capacity of <i>Orychophragmus violaceus</i> and <i>Brassica napus</i> L. Based on Electrophysiological Information. <i>Horticulturae</i> , 2021 , 7, 206 | 2.5 | 1 |
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