Yaoxue Zhang

List of Publications by Year in Descending Order

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	Efficient Federated Meta-Learning over Multi-Access Wireless Networks. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	11
196	Singular value decomposition compressed ghost imaging. *Applied Physics B: Lasers and Optics*, **2022**, 128, 1	1.9	0
195	MVPose:Realtime Multi-Person Pose Estimation using Motion Vector on Mobile Devices. *IEEE Transactions on Mobile Computing*, **2022**, 1-1	4.6	
194	AUCTION: Automated and Quality-Aware Client Selection Framework for Efficient Federated Learning. *IEEE Transactions on Parallel and Distributed Systems*, **2022**, 33, 1996-2009	3.7	9
193	Yeast powder derived carbon quantum dots for dopamine detection and living cell imaging.. *Analytical Methods*, **2022**,	3.2	5
192	Performance Analysis of Cache-Enabled User Association for Hybrid Heterogeneous Cellular Networks. *IEEE Transactions on Communications*, **2022**, 70, 2518-2531	6.9	0
191	The complete chloroplast genome of Ogisu (Berberidaceae), a rare plant species endemic to China.. *Mitochondrial DNA Part B: Resources*, **2022**, 7, 485-487	0.5	
190	Prediction of drug candidates for clear cell renal cell carcinoma using a systems biology-based drug repositioning approach.. *EBioMedicine*, **2022**, 78, 103963	8.8	1
189	TrustBuilder: A non-repudiation scheme for IoT cloud applications. *Computers and Security*, **2022**, 116, 102664	4.9	0
188	Rapid and mass production of biopesticide Trichoderma Brev T069 from cassava peels using newly established solid-state fermentation bioreactor system.. *Journal of Environmental Management*, **2022**, 313, 114981	7.9	1
187	An Unsupervised Deep Unrolling Framework for Constrained Optimization Problems in Wireless Networks. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	1
186	Online Market Mechanism for Mobile Data Rate Trading with Temporal Constraints. *IEEE Internet of Things Journal*, **2022**, 1-1	10.7	
185	Distributed Pricing and Bandwidth Allocation in Crowdsourced Wireless Community Networks. *IEEE Transactions on Mobile Computing*, **2022**, 1-1	4.6	0
184	Deep Fusion for Travel Time Estimation Based on Road Network Topology. *IEEE Intelligent Systems*, **2022**, 1-1	4.2	0
183	Multitype Highway Mobility Analytics for Efficient Learning Model Design: A Case of Station Traffic Prediction. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-13	6.1	3
182	Single-Shot Compressed Imaging via Random Phase Modulation. *Applied Sciences (Switzerland)*, **2022**, 12, 4536	2.6	0
181	Multifunctional Fluorescent Copper Nanoclusters for Ag+ Sensing, Anticounterfeiting, and Blue/White Light-Emitting Diodes. *ACS Applied Nano Materials*, **2022**, 5, 7449-7459	5.6	2

180	RLSS: A Reinforcement Learning Scheme for HD Map Data Source Selection in Vehicular NDN. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	0
179	Intelligent Optimization of Base Station Array Orientations via Scenario-Specific Modeling. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	0
178	Vehicle Re-identification for Lane-level Travel Time Estimations on Congested Urban Road Networks Using Video Images. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-17	6.1	4
177	Efficient Dependent Task Offloading for Multiple Applications in MEC-Cloud System. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	3
176	Blockchain-based Trustworthy Energy Dispatching Approach for High Renewable Energy Penetrated Power Systems. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	7
175	SHARE: Shaping Data Distribution at Edge for Communication-Efficient Hierarchical Federated Learning **2021**,		5
174	TODG: Distributed Task Offloading with Delay Guarantees for Edge Computing. *IEEE Transactions on Parallel and Distributed Systems*, **2021**, 1-1	3.7	6
173	Performance of Remote Radio Unit Selection in Millimeter Wave Distributed Antenna Systems over Fluctuating Two-Ray Fading. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	0
172	Tumor-derived neomorphic mutations in ASXL1 impairs the BAP1-ASXL1-FOXK1/K2 transcription network. *Protein and Cell*, **2021**, 12, 557-577	7.2	7
171	In vivo genome editing in mouse restores dystrophin expression in Duchenne muscular dystrophy patient muscle fibers. *Genome Medicine*, **2021**, 13, 57	14.4	3
170	Plant electrophysiological information manifests the composition and nutrient transport characteristics of membrane proteins. *Plant Signaling and Behavior*, **2021**, 16, 1918867	2.5	6
169	A trustworthy industrial data management scheme based on redactable blockchain. *Journal of Parallel and Distributed Computing*, **2021**, 152, 167-176	4.4	6
168	Robust Inertial Motion Tracking through Deep Sensor Fusion across Smart Earbuds and Smartphone **2021**, 5, 1-26		3
167	Guest EditorialIntroduction to the Special Section on Vehicular Networks in the Era of 6G: End-Edge-Cloud Orchestrated Intelligence. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 5192-5196	6.8	1
166	DeepNav: A scalable and plug-and-play indoor navigation system based on visual CNN. *Peer-to-Peer Networking and Applications*, **2021**, 14, 3718	3.1	
165	Comparison on the Nutrient Plunder Capacity of Orychophragmus violaceus and Brassica napus L. Based on Electrophysiological Information. *Horticulturae*, **2021**, 7, 206	2.5	1
164	Enhancement of dicarboximide fungicide degradation by two bacterial cocultures of Providencia stuartii JD and Brevundimonas naejangsanensis J3. *Journal of Hazardous Materials*, **2021**, 403, 123888	12.8	7
163	An Incentive-Aware Job Offloading Control Framework for Multi-Access Edge Computing. *IEEE Transactions on Mobile Computing*, **2021**, 20, 63-75	4.6	24

162	High-Precision Binary Object Detector Based on a BSF-XNOR Convolutional Layer. *IEEE Access*, **2021**, 9, 106169-106180	3.5	1
161	Beamforming Design for Multiuser uRLLC with Finite Blocklength Transmission. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	10
160	Stop Deceiving! An effective Defense Scheme against Voice Impersonation Attacks on Smart Devices. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	3
159	. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-15	6.1	12
158	Oxidative stress-induced mitophagy is suppressed by the miR-106b-93-25 cluster in a protective manner. *Cell Death and Disease*, **2021**, 12, 209	9.8	7
157	Multi-Agent Reinforcement Learning Based Distributed Transmission in Collaborative Cloud-Edge Systems. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 1658-1672	6.8	8
156	Enhanced Catalytic Oxidation of Toluene over Manganese Oxide Modified by Lanthanum with a Coral-Like Hierarchical Structure Nanosphere. *ACS Applied Materials & Interfaces*, **2021**, 13, 10089-10100	9.5	11
155	Advances in the Relationships Between Cows Milk Protein Allergy and Gut Microbiota in Infants. *Frontiers in Microbiology*, **2021**, 12, 716667	5.7	1
154	RF Vital Sign Sensing under Free Body Movement **2021**, 5, 1-22		1
153	Fine-Grained Analysis on Downlink LEO Satellite-Terrestrial mmWave Relay Networks. *IEEE Wireless Communications Letters*, **2021**, 10, 1871-1875	5.9	1
152	Biological removal of deltamethrin in contaminated water, soils and vegetables by Stenotrophomonas maltophilia XQ08. *Chemosphere*, **2021**, 279, 130622	8.4	0
151	. *Proceedings of the IEEE*, **2021**, 109, 1666-1705	14.3	13
150	Privacy-preserving Streaming Truth Discovery in Crowdsourcing with Differential Privacy. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	6
149	Rapid degradation of dimethomorph in polluted water and soil by Bacillus cereus WL08 immobilized on bamboo charcoal-sodium alginate. *Journal of Hazardous Materials*, **2020**, 398, 122806	12.8	19
148	The effect of ABRE BINDING FACTOR 4-mediated FYVE1 on salt stress tolerance in Arabidopsis. *Plant Science*, **2020**, 296, 110489	5.3	3
147	Joint Channel Allocation and Resource Management for Stochastic Computation Offloading in MEC. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 8900-8913	6.8	12
146	Assembly of pathway enzymes by engineering functional membrane microdomain components for improved N-acetylglucosamine synthesis in Bacillus subtilis. *Metabolic Engineering*, **2020**, 61, 96-105	9.7	3
145	Delta opioid peptide [d-Ala2, d-Leu5] enkephalin confers neuroprotection by activating delta opioid receptor-AMPK-autophagy axis against global ischemia. *Cell and Bioscience*, **2020**, 10, 79	9.8	9

144	End-To-End Rotational Motion Deblurring Method Combining with Motion Information. *Journal of Physics: Conference Series*, **2020**, 1518, 012038	0.3	
143	. *IEEE Transactions on Network Science and Engineering*, **2020**, 1-1	4.9	42
142	Energy-Efficient Transceiver Design for Cache-Enabled Millimeter-Wave Systems. *IEEE Transactions on Communications*, **2020**, 68, 3876-3889	6.9	2
141	A Block Prefetching Framework for Energy Harvesting IoT Devices. *IEEE Internet of Things Journal*, **2020**, 7, 3427-3440	10.7	3
140	Enhanced beamspace MUSIC for cost-effective FMCW automotive radar. *IET Radar, Sonar and Navigation*, **2020**, 14, 257-267	1.4	5
139	Metasurface-Based Spatial Phasers for Analogue Signal Processing. *Advanced Optical Materials*, **2020**, 8, 2000128	8.1	5
138	. *IEEE Transactions on Emerging Topics in Computing*, **2020**, 1-1	4.1	41
137	Community Integrated Earth System Model (CIESM): Description and Evaluation. *Journal of Advances in Modeling Earth Systems*, **2020**, 12, e2019MS002036	7.1	17
136	LeaD: Large-Scale Edge Cache Deployment Based on Spatio-Temporal WiFi Traffic Statistics. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	53
135	Joint User Scheduling and Beam Selection in mmWave Networks Based on Multi-Agent Reinforcement Learning **2020**,		5
134	Velocity ambiguity resolution for wideband automotive millimeter wave radar: a carrier frequency multiplexing framework. *Journal of Electromagnetic Waves and Applications*, **2020**, 34, 375-389	1.3	1
133	Enzyme assembly guided by SPFH-induced functional inclusion bodies for enhanced cascade biocatalysis. *Biotechnology and Bioengineering*, **2020**, 117, 1446-1457	4.9	2
132	Calibration of Motional Frequency Spread for Wide-Band FMCW Automotive Millimeter-Wave Radar. *IEEE Access*, **2020**, 8, 14355-14366	3.5	3
131	Multistage Cooperative Trajectory Planning for Multimissile Formation via Bi-Level Sequential Convex Programming. *IEEE Access*, **2020**, 8, 22834-22853	3.5	3
130	A novel routing verification approach based on blockchain for inter-domain routing in smart metropolitan area networks. *Journal of Parallel and Distributed Computing*, **2020**, 142, 77-89	4.4	1
129	Cache-Enabled Coordinated Mobile Edge Network: Opportunities and Challenges. *IEEE Wireless Communications*, **2020**, 27, 204-211	13.4	10
128	Dynamic Spectrum Slicing and Optimization in SAG Integrated Vehicular Networks **2020**,		1
127	A Sample-Efficient Actor-Critic Algorithm for Recommendation Diversification. *Chinese Journal of Electronics*, **2020**, 29, 89-96	0.9	1

126	Transparent Computing: Development and Current Status. *Chinese Journal of Electronics*, **2020**, 29, 793-811		3
125	Two-stage visible watermark removal architecture based on deep learning. *IET Image Processing*, **2020**, 14, 3819-3828	1.7	0
124	A Survey on End-Edge-Cloud Orchestrated Network Computing Paradigms. *ACM Computing Surveys*, **2020**, 52, 1-36	13.4	130
123	Synthesis and antiviral activity of novel myricetin derivatives containing ferulic acid amide scaffolds. *New Journal of Chemistry*, **2020**, 44, 2374-2379	3.6	17
122	Classification of Hand Movements From EEG Using a Deep Attention-Based LSTM Network. *IEEE Sensors Journal*, **2020**, 20, 3113-3122	4	33
121	A Truthful Online Mechanism for Collaborative Computation Offloading in Mobile Edge Computing. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 4832-4841	11.9	19
120	An efficient privacy-enhanced attribute-based access control mechanism. *Concurrency Computation Practice and Experience*, **2020**, 32, e5556	1.4	27
119	JointRec: A Deep-Learning-Based Joint Cloud Video Recommendation Framework for Mobile IoT. *IEEE Internet of Things Journal*, **2020**, 7, 1655-1666	10.7	22
118	Named Data Networking Enabled Power Saving Mode Design for WLAN. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 901-913	6.8	11
117	A Plant⊠s Electrical Parameters Indicate Its Physiological State: A Study of Intracellular Water Metabolism. *Plants*, **2020**, 9,	4.5	9
116	SoSA: Socializing Static APs for Edge Resource Pooling in Large-Scale WiFi System **2020**,		3
115	The Zscan4-Tet2 Transcription Nexus Regulates Metabolic Rewiring and Enhances Proteostasis to Promote Reprogramming. *Cell Reports*, **2020**, 32, 107877	10.6	6
114	Adaptive Video Streaming Using Dynamic NDN Multicast in WLAN **2020**,		3
113	. *IEEE Transactions on Multimedia*, **2020**, 1-1	6.6	7
112	Interval-Valued Intuitionistic Uncertain Linguistic Cloud Petri Net and Its Application to Risk Assessment for Subway Fire Accident. *IEEE Transactions on Automation Science and Engineering*, **2020**, 1-15	4.9	21
111	Game Theoretic Multihop D2D Content Sharing: Joint Participants Selection, Routing, and Pricing. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	0
110	Privacy-preserving task recommendation with win-win incentives for mobile crowdsourcing. *Information Sciences*, **2020**, 527, 477-492	7.7	13
109	Near-Optimal and Truthful Online Auction for Computation Offloading in Green Edge-Computing Systems. *IEEE Transactions on Mobile Computing*, **2020**, 19, 880-893	4.6	63

108	Efficient and Privacy-preserving Fog-assisted Health Data Sharing Scheme. *ACM Transactions on Intelligent Systems and Technology*, **2019**, 10, 1-23	8	27
107	Toward Fast and Distributed Computation Migration System for Edge Computing in IoT. *IEEE Internet of Things Journal*, **2019**, 6, 10041-10052	10.7	7
106	A Blockchain-Based Nonrepudiation Network Computing Service Scheme for Industrial IoT. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 3632-3641	11.9	135
105	. *IEEE Transactions on Multimedia*, **2019**, 21, 2903-2915	6.6	11
104	. *IEEE Journal on Selected Areas in Communications*, **2019**, 37, 1144-1158	14.2	24
103	Online Multi-Workflow Scheduling under Uncertain Task Execution Time in IaaS Clouds. *IEEE Transactions on Cloud Computing*, **2019**, 1-1	3.3	29
102	Novel Phosphorylated Penta-1,4-dien-3-one Derivatives: Design, Synthesis, and Biological Activity. *Molecules*, **2019**, 24,	4.8	10
101	Hybrid Precoder Design for Cache-Enabled Millimeter-Wave Radio Access Networks. *IEEE Transactions on Wireless Communications*, **2019**, 18, 1707-1722	9.6	15
100	Brain Differences Between Men and Women: Evidence From Deep Learning. *Frontiers in Neuroscience*, **2019**, 13, 185	5.1	42
99	Design, synthesis, antiviral bioactivities and interaction mechanisms of penta-1,4-diene-3-one oxime ether derivatives containing a quinazolin-4(3)-one scaffold. *BMC Chemistry*, **2019**, 13, 34	3.7	10
98	Novel chalcone derivatives containing a 1,2,4-triazine moiety: design, synthesis, antibacterial and antiviral activities.. *RSC Advances*, **2019**, 9, 6011-6020	3.7	34
97	EdgeSanitizer: Locally Differentially Private Deep Inference at the Edge for Mobile Data Analytics. *IEEE Internet of Things Journal*, **2019**, 6, 5140-5151	10.7	18
96	Two Time-Scale Resource Management for Green Internet of Things Networks. *IEEE Internet of Things Journal*, **2019**, 6, 545-556	10.7	63
95	. *IEEE Transactions on Parallel and Distributed Systems*, **2019**, 30, 346-360	3.7	5
94	Flexible and Efficient Authenticated Key Agreement Scheme for BANs Based on Physiological Features. *IEEE Transactions on Mobile Computing*, **2019**, 18, 845-856	4.6	31
93	Reflection phase dispersion editing generates wideband invisible acoustic Huygens? metasurface. *Journal of the Acoustical Society of America*, **2019**, 146, 166	2.2	6
92	**2019**,		5
91	Exploring Potential and Feasibility of Binary Code Sharing in Mobile Computing. *IEEE Transactions on Cloud Computing*, **2019**, 1-1	3.3	

90	Coordinated Fronthaul Data Assignment and Multicast Beamforming for Cache-Enabled Wireless Networks. *IEEE Wireless Communications Letters*, **2019**, 8, 1082-1085	5.9	2
89	Secure Data Aggregation of Lightweight E-Healthcare IoT Devices With Fair Incentives. *IEEE Internet of Things Journal*, **2019**, 6, 8714-8726	10.7	47
88	GANobfuscator: Mitigating Information Leakage Under GAN via Differential Privacy. *IEEE Transactions on Information Forensics and Security*, **2019**, 14, 2358-2371	8	65
87	Demystifying Traffic Statistics for Edge Cache Deployment in Large-Scale WiFi System **2019**,		6
86	Blockchain Empowered Arbitrable Data Auditing Scheme for Network Storage as a Service. *IEEE Transactions on Services Computing*, **2019**, 1-1	4.8	84
85	Clinical efficacy of 595-nm pulsed-dye laser in treatment of childhood facial spider nevi: a retrospective study of 110 patients. *Chinese Medical Journal*, **2019**, 132, 2417-2422	2.9	1
84	Toward Efficient Transparent Computing for IoT Apps by On-Chip Kernel Offload. *IEEE Internet of Things Journal*, **2019**, 6, 4085-4097	10.7	3
83	Flat Beam Design for Massive MIMO Systems via Riemannian Optimization. *IEEE Wireless Communications Letters*, **2019**, 8, 301-304	5.9	13
82	Decentralized Precoding for Cache-Enabled Ultra-Dense Radio Access Networks. *IEEE Wireless Communications Letters*, **2019**, 8, 404-407	5.9	1
81	Joint Channel Assignment and Stochastic Energy Management for RF-Powered OFDMA WSNs. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 1578-1592	6.8	16
80	. *IEEE Transactions on Multimedia*, **2019**, 21, 579-590	6.6	37
79	. *IEEE Journal on Selected Topics in Signal Processing*, **2019**, 13, 392-407	7.5	70
78	Wideband High-Absorption Electromagnetic Absorber With Chaos Patterned Surface. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 197-201	3.8	20
77	Engineering Surface Patterns with Shape Memory Polymers: Multiple Design Dimensions for Diverse and Hierarchical Structures. *ACS Applied Materials & Interfaces*, **2019**, 11, 1563-1570	9.5	18
76	Joint Channel Access and Sampling Rate Control in Energy Harvesting Cognitive Radio Sensor Networks. *IEEE Transactions on Emerging Topics in Computing*, **2019**, 7, 149-161	4.1	53
75	Joint Load Scheduling and Voltage Regulation in the Distribution System With Renewable Generators. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 1564-1574	11.9	20
74	Gemin5 plays a role in unassembled-U1 snRNA disposal in SMN-deficient cells. *FEBS Letters*, **2018**, 592, 1400-1411	3.8	3
73	Synthesis, antibacterial, and antiviral activities of novel penta-1,4-dien-3-one derivatives containing a benzotriazin-4(3H)-one moiety. *Chemical Papers*, **2018**, 72, 2193-2202	1.9	9

72	. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 1684-1697	6.8	37
71	Block-Stream as a Service: A More Secure, Nimble, and Dynamically Balanced Cloud Service Model for Ambient Computing. *IEEE Network*, **2018**, 32, 126-132	11.4	27
70	RF Energy Harvesting and Transfer in Cognitive Radio Sensor Networks: Opportunities and Challenges **2018**, 56, 104-110		78
69	Toward High Mobile GPU Performance Through Collaborative Workload Offloading. *IEEE Transactions on Parallel and Distributed Systems*, **2018**, 29, 435-449	3.7	9
68	Wrinkling patterns in soft shells. *Soft Matter*, **2018**, 14, 1681-1688	3.6	9
67	Performance Analysis for Massive MIMO Downlink With Low Complexity Approximate Zero-Forcing Precoding. *IEEE Transactions on Communications*, **2018**, 66, 3848-3864	6.9	22
66	Delay-Optimal Proactive Service Framework for Block-Stream as a Service. *IEEE Wireless Communications Letters*, **2018**, 7, 598-601	5.9	56
65	Uncertainties in simulated El Niño–Southern Oscillation arising from internal climate variability. *Atmospheric Science Letters*, **2018**, 19, e805	2.4	4
64	Distributed and Efficient Object Detection in Edge Computing: Challenges and Solutions. *IEEE Network*, **2018**, 32, 137-143	11.4	52
63	BOAT: A Block-Streaming App Execution Scheme for Lightweight IoT Devices. *IEEE Internet of Things Journal*, **2018**, 5, 1816-1829	10.7	88
62	A case for software-defined code scheduling based on transparent computing. *Peer-to-Peer Networking and Applications*, **2018**, 11, 668-678	3.1	1
61	A Rapid Label-Free Fluorescent Aptasensor PicoGreen-Based Strategy for Aflatoxin B1 Detection in Traditional Chinese Medicines. *Toxins*, **2018**, 10,	4.9	13
60	AHT: Application-Based Handover Triggering for Saving Energy in Cellular Networks **2018**,		2
59	Extend Capability of Low-End Android Devices by Scheduling Apps Between Local and Cloud. *IEEE Access*, **2018**, 6, 45740-45754	3.5	1
58	Resource allocation for hybrid energy powered cloud radio access network with battery leakage. *IET Communications*, **2018**, 12, 2274-2281	1.3	
57	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. *Journal of Environmental Management*, **2018**, 206, 418-429	7.9	41
56	Hybrid Precoding for Broadband Millimeter-Wave Communication Systems With Partial CSI. *IEEE Access*, **2018**, 6, 50891-50900	3.5	9
55	Thermo-economic evaluations of dual pressure organic Rankine cycle (DPORC) driven by geothermal heat source. *Journal of Renewable and Sustainable Energy*, **2018**, 10, 063901	2.5	12

54	Learning-aided Proactive Block Provisioning in Block-stream as a Service for Lightweight devices **2018**,		1
53	Design, Synthesis, and Biological Activity of Novel Myricetin Derivatives Containing Amide, Thioether, and 1,3,4-Thiadiazole Moieties. *Molecules*, **2018**, 23,	4.8	15
52	Short-term Prediction of Bike-sharing Usage Considering Public Transport: A LSTM Approach **2018**,		5
51	A Feasible Fuzzy-Extended Attribute-Based Access Control Technique. *Security and Communication Networks*, **2018**, 2018, 1-11	1.9	7
50	A Review of Current Methods for Analysis of Mycotoxins in Herbal Medicines. *Toxins*, **2018**, 10,	4.9	95
49	Effects of xylitol dehydrogenase (XYL2) on xylose fermentation by engineered Candida glycerinogenes. *Biotechnology and Applied Biochemistry*, **2017**, 64, 590-599	2.8	4
48	A Survey on Emerging Computing Paradigms for Big Data. *Chinese Journal of Electronics*, **2017**, 26, 1-12	0.9	90
47	Immobilization on Metal-Organic Framework Engenders High Sensitivity for Enzymatic Electrochemical Detection. *ACS Applied Materials & Interfaces*, **2017**, 9, 13831-13836	9.5	120
46	ButterFly: Mobile collaborative rendering over GPU workload migration **2017**,		3
45	Pharmacological relationships and ligand discovery of G protein-coupled receptors revealed by simultaneous ligand and receptor clustering. *Journal of Molecular Graphics and Modelling*, **2017**, 76, 136-142	2.8	1
44	Performance Scaling Law for Multicell Multiuser Massive MIMO. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 9890-9903	6.8	11
43	Serving at the Edge: A Scalable IoT Architecture Based on Transparent Computing. *IEEE Network*, **2017**, 31, 96-105	11.4	276
42	Unidirectional-Valve Based Scheduling for Energy-Efficient Packet Transmission. *Wireless Personal Communications*, **2017**, 96, 4847-4868	1.9	
41	DPPro: Differentially Private High-Dimensional Data Release via Random Projection. *IEEE Transactions on Information Forensics and Security*, **2017**, 12, 3081-3093	8	49
40	Microbead-regulated surface wrinkling patterns in a film substrate system. *Applied Physics Letters*, **2017**, 111, 151601	3.4	3
39	Cooperative Multi-Subarray Beam Training in Millimeter Wave Communication Systems **2017**,		8
38	P4DB: On-the-fly debugging of the programmable data plane **2017**,		6
37	Lightweight and Privacy-Preserving Fog-Assisted Information Sharing Scheme for Health Big Data **2017**,		10

36	Reduction of initial shock in decadal predictions using a new initialization strategy. *Geophysical Research Letters*, **2017**, 44, 8538-8547	4.9	14
35	Incentive Mechanism for Cached-Enabled Small Cell Sharing: A Stackelberg Game Approach **2017**,		11
34	Location-aided channel tracking and downlink transmission for HST massive MIMO systems. *IET Communications*, **2017**, 11, 2082-2088	1.3	9
33	. *IEEE Transactions on Industrial Informatics*, **2016**, 12, 788-800	11.9	145
32	Spice: Socially-driven learning-based mobile media prefetching **2016**,		12
31	Exploiting Secure and Energy-Efficient Collaborative Spectrum Sensing for Cognitive Radio Sensor Networks. *IEEE Transactions on Wireless Communications*, **2016**, 15, 6813-6827	9.6	39
30	Impact of water temperature on the growth and fatty acid profiles of juvenile sea cucumber Apostichopus japonicus (Selenka). *Journal of Thermal Biology*, **2016**, 60, 155-61	2.9	7
29	SAMM50 Affects Mitochondrial Morphology through the Association of Drp1 in Mammalian Cells. *FEBS Letters*, **2016**, 590, 1313-23	3.8	10
28	. *IEEE Transactions on Wireless Communications*, **2016**, 15, 3143-3156	9.6	143
27	Snapping instability in prismatic tensegrities under torsion. *Applied Mathematics and Mechanics (English Edition)*, **2016**, 37, 275-288	3.2	11
26	The injector-based regenerative supercritical organic Rankine cycle. *Journal of Mechanical Science and Technology*, **2016**, 30, 2353-2360	1.6	1
25	CoCo (Context vs. Content): Behavior-Inspired Social Media Recommendation for Mobile Apps **2016** ,		2
24	Energy-efficient packet transmission with unidirectional-valve scheduling. *IET Communications*, **2015**, 9, 1248-1257	1.3	2
23	Delay-Based Weighted Proportional Fair Algorithm for LTE Downlink Packet Scheduling. *Wireless Personal Communications*, **2015**, 82, 1955-1965	1.9	7
22	Tuning the ambipolar charge transport properties of N-heteropentacenes by their frontier molecular orbital energy levels. *Journal of Materials Chemistry C*, **2015**, 3, 4188-4196	7.1	28
21	Statistical beamforming for FDD massive MIMO downlink systems **2015**,		4
20	TransCom: A Virtual Disk-Based Cloud Computing Platform for Heterogeneous Services. *IEEE Transactions on Network and Service Management*, **2014**, 11, 46-59	4.8	12
19	Leveraging the Tail Time for Saving Energy in Cellular Networks. *IEEE Transactions on Mobile Computing*, **2014**, 13, 1536-1549	4.6	10

18	A novel resource management method of providing operating system as a service for mobile transparent computing. *Scientific World Journal, The*, **2014**, 2014, 153847	2.2	3
17	Muclouds: Parallel Simulator for Large-Scale Cloud Computing Systems **2014**,		2
16	Mining checkins from location-sharing services for client-independent IP geolocation **2014**,		24
15	Exploiting channel-aware reputation system against selective forwarding attacks in WSNs **2014**,		3
14	Diel and seasonal variation of methane and carbon dioxide fluxes at site Guojiaba, the Three Gorges Reservoir. *Journal of Environmental Sciences*, **2013**, 25, 2065-71	6.4	41
13	Receiving Buffer Adaptation for High-Speed Data Transfer. *IEEE Transactions on Computers*, **2013**, 62, 2278-2291	2.5	7
12	An Energy-Efficient Cyclic Diversionary Routing Strategy against Global Eavesdroppers in Wireless Sensor Networks. *International Journal of Distributed Sensor Networks*, **2013**, 9, 834245	1.7	11
11	Performance Analysis of Virtual Disk System for Transparent Computing **2012**,		6
10	Building a Virtual Machine-Based Network Storage System for Transparent Computing **2012**,		7
9	TransOS: a transparent computing-based operating system for the cloud. *International Journal of Cloud Computing*, **2012**, 1, 287	1	27
8	Effects of Distinct Tectonic Evolutions on Hydrocarbon Accumulation in Northern and Southern Continental Marginal Basins of the South China Sea. *Chinese Journal of Geophysics*, **2011**, 54, 1097-1111		10
7	Optimally organizing distributed-component computing in the clouds: From both the user perspective and resource view **2010**,		1
6	4VP: A Novel Meta OS Approach for Streaming Programs in Ubiquitous Computing. *International Conference on Advanced Networking and Applications*, **2007**,		28
5	Active Services Model and its Supporting Platform in Grid Environment **2007**,		1
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