

Song Guo

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.

540 papers	15,671 citations	62 h-index	106 g-index
628 ext. papers	19,313 ext. citations	5.7 avg, IF	7.33 L-index

#	Paper	IF	Citations
540	Elucidating severe urban haze formation in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17373-8	11.5	1076
539	Persistent sulfate formation from London Fog to Chinese haze. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13630-13635	11.5	803
538	Formation of urban fine particulate matter. <i>Chemical Reviews</i> , 2015 , 115, 3803-55	68.1	717
537	Markedly enhanced absorption and direct radiative forcing of black carbon under polluted urban environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 4266-71	11.5	339
536	Green Industrial Internet of Things Architecture: An Energy-Efficient Perspective 2016 , 54, 48-54		285
535	Joint Optimization of Task Scheduling and Image Placement in Fog Computing Supported Software-Defined Embedded System. <i>IEEE Transactions on Computers</i> , 2016 , 65, 3702-3712	2.5	271
534	Information and Communications Technologies for Sustainable Development Goals: State-of-the-Art, Needs and Perspectives. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 2389-2408	37.1	237
533	Big Data Meet Green Challenges: Big Data Toward Green Applications. <i>IEEE Systems Journal</i> , 2016 , 10, 888-900	4.3	228
532	Cost Efficient Resource Management in Fog Computing Supported Medical Cyber-Physical System. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2017 , 5, 108-119	4.1	226
531	Size-resolved aerosol water-soluble ionic compositions in the summer of Beijing: implication of regional secondary formation. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 947-959	6.8	178
530	A Survey on Energy Internet: Architecture, Approach, and Emerging Technologies. <i>IEEE Systems Journal</i> , 2018 , 12, 2403-2416	4.3	166
529	Achieving Sustainable Ultra-Dense Heterogeneous Networks for 5G 2017 , 55, 84-90		166
528	Characterization of high-resolution aerosol mass spectra of primary organic aerosol emissions from Chinese cooking and biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 11535-11543	6.8	154
527	Efficient Algorithms for Capacitated Cloudlet Placements. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016 , 27, 2866-2880	3.7	148
526	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 2245-2254	3.7	145
525	Big Data Meet Green Challenges: Greening Big Data. <i>IEEE Systems Journal</i> , 2016 , 10, 873-887	4.3	144
524	The Web of Things: A Survey (Invited Paper). <i>Journal of Communications</i> , 2011 , 6,	0.5	142

523	Reliable Multicast with Pipelined Network Coding Using Opportunistic Feeding and Routing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 3264-3273	3.7	139
522	Deep Learning for Physical-Layer 5G Wireless Techniques: Opportunities, Challenges and Solutions. <i>IEEE Wireless Communications</i> , 2020 , 27, 214-222	13.4	130
521	Making Big Data Open in Edges: A Resource-Efficient Blockchain-Based Approach. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019 , 30, 870-882	3.7	127
520	Discriminating DDoS Attacks from Flash Crowds Using Flow Correlation Coefficient. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2012 , 23, 1073-1080	3.7	125
519	Green Resource Allocation Based on Deep Reinforcement Learning in Content-Centric IoT. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 8, 781-796	4.1	116
518	Traffic and Computation Co-Offloading With Reinforcement Learning in Fog Computing for Industrial Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 976-986	11.9	115
517	A Learning-Based Incentive Mechanism for Federated Learning. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6360-6368	10.7	114
516	High N2O5 Concentrations Observed in Urban Beijing: Implications of a Large Nitrate Formation Pathway. <i>Environmental Science and Technology Letters</i> , 2017 , 4, 416-420	11	113
515	Protection of Big Data Privacy. <i>IEEE Access</i> , 2016 , 4, 1821-1834	3.5	112
514	Aerosol Liquid Water Driven by Anthropogenic Inorganic Salts: Implying Its Key Role in Haze Formation over the North China Plain. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 160-166	11	110
513	Blockchain Meets Edge Computing: A Distributed and Trusted Authentication System. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1972-1983	11.9	110
512	A Comprehensive Survey of Blockchain: From Theory to IoT Applications and Beyond. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8114-8154	10.7	103
511	SAMR: A Self-adaptive MapReduce Scheduling Algorithm in Heterogeneous Environment 2010 ,		102
510	Characteristics of aerosol size distributions and new particle formation in the summer in Beijing. <i>Journal of Geophysical Research</i> , 2009 , 114,		101
509	An Efficient Privacy-Preserving Ranked Keyword Search Method. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016 , 27, 951-963	3.7	99
508	Estimation of size-resolved ambient particle density based on the measurement of aerosol number, mass, and chemical size distributions in the winter in Beijing. <i>Environmental Science & Technology</i> , 2012 , 46, 9941-7	10.3	98
507	A Game Theoretical Incentive Scheme for Relay Selection Services in Mobile Social Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 6692-6702	6.8	97
506	. <i>IEEE Transactions on Computers</i> , 2015 , 64, 3128-3139	2.5	91

505	A General Communication Cost Optimization Framework for Big Data Stream Processing in Geo-Distributed Data Centers. <i>IEEE Transactions on Computers</i> , 2016 , 65, 19-29	2.5	88
504	Seasonal variations in high time-resolved chemical compositions, sources, and evolution of atmospheric submicron aerosols in the megacity Beijing. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 9979-10000	6.8	87
503	Low-cost communication for rural internet kiosks using mechanical backhaul 2006 ,		87
502	Robust Big Data Analytics for Electricity Price Forecasting in the Smart Grid. <i>IEEE Transactions on Big Data</i> , 2019 , 5, 34-45	3.2	87
501	A Survey on Energy Internet Communications for Sustainability. <i>IEEE Transactions on Sustainable Computing</i> , 2017 , 2, 231-254	3.5	80
500	A Game Theoretic Approach to Parked Vehicle Assisted Content Delivery in Vehicular Ad Hoc Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 6461-6474	6.8	79
499	When UAV Swarm Meets Edge-Cloud Computing: The QoS Perspective. <i>IEEE Network</i> , 2019 , 33, 36-43	11.4	78
498	New particle formation in China: Current knowledge and further directions. <i>Science of the Total Environment</i> , 2017 , 577, 258-266	10.2	78
497	Quantitative evaluation of emission controls on primary and secondary organic aerosol sources during Beijing 2008 Olympics. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 8303-8314	6.8	77
496	Multi-Hop Cooperative Computation Offloading for Industrial IoT Edge Cloud Computing Environments. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019 , 30, 2759-2774	3.7	76
495	Green Communication in Energy Renewable Wireless Mesh Networks: Routing, Rate Control, and Power Allocation. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 3211-3220	3.7	76
494	Malware Propagation in Large-Scale Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 170-179	4.2	73
493	D2D-based content delivery with parked vehicles in vehicular social networks. <i>IEEE Wireless Communications</i> , 2016 , 23, 90-95	13.4	72
492	Submicron aerosols at thirteen diversified sites in China: size distribution, new particle formation and corresponding contribution to cloud condensation nuclei production. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 10249-10265	6.8	72
491	Energy-aware multicasting in wireless ad hoc networks: A survey and discussion. <i>Computer Communications</i> , 2007 , 30, 2129-2148	5.1	72
490	Research on the hygroscopic properties of aerosols by measurement and modeling during CAREBeijing-2006. <i>Journal of Geophysical Research</i> , 2009 , 114,		71
489	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015 , 25, 717-729	6.4	69
488	Green Energy Scheduling for Demand Side Management in the Smart Grid. <i>IEEE Transactions on Green Communications and Networking</i> , 2018 , 2, 596-611	4	69

487	Role of OH-initiated oxidation of isoprene in aging of combustion soot. <i>Environmental Science & Technology</i> , 2013 , 47, 2254-63	10.3	69
486	2017 , 55, 24-30		68
485	Resource Management at the Network Edge: A Deep Reinforcement Learning Approach. <i>IEEE Network</i> , 2019 , 33, 26-33	11.4	66
484	Just-in-Time Code Offloading for Wearable Computing. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2015 , 3, 74-83	4.1	66
483	Byzantine-Resilient Secure Software-Defined Networks with Multiple Controllers in Cloud. <i>IEEE Transactions on Cloud Computing</i> , 2014 , 2, 436-447	3.3	66
482	Cost Minimization for Big Data Processing in Geo-Distributed Data Centers. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2014 , 2, 314-323	4.1	65
481	Special phenomena from a single liquid drop impact on wetted cylindrical surfaces. <i>Experimental Thermal and Fluid Science</i> , 2013 , 51, 18-27	3	63
480	An SDN-Based Architecture for Next-Generation Wireless Networks. <i>IEEE Wireless Communications</i> , 2017 , 24, 25-31	13.4	62
479	Software-defined wireless mesh networks: architecture and traffic orchestration. <i>IEEE Network</i> , 2015 , 29, 24-30	11.4	62
478	Utility Based Data Computing Scheme to Provide Sensing Service in Internet of Things. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2019 , 7, 337-348	4.1	58
477	Big Data Analytics for Emergency Communication Networks: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2016 , 18, 1758-1778	37.1	56
476	A chain-cluster based routing algorithm for wireless sensor networks. <i>Journal of Intelligent Manufacturing</i> , 2012 , 23, 1305-1313	6.7	56
475	Joint Optimization of Rule Placement and Traffic Engineering for QoS Provisioning in Software Defined Network. <i>IEEE Transactions on Computers</i> , 2015 , 64, 3488-3499	2.5	53
474	The characteristics and origins of carbonaceous aerosol at a rural site of PRD in summer of 2006. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 1811-1822	6.8	53
473	The secondary formation of organosulfates under interactions between biogenic emissions and anthropogenic pollutants in summer in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10693-10713	6.8	53
472	Multi-Agent Imitation Learning for Pervasive Edge Computing: A Decentralized Computation Offloading Algorithm. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 32, 411-425	3.7	52
471	. <i>IEEE Transactions on Computers</i> , 2015 , 64, 139-151	2.5	51
470	Measurements of gaseous H ₂ SO ₄ by AP-ID-CIMS during CAREBeijing 2008 Campaign. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 7755-7765	6.8	50

469	Blockchain Meets Edge Computing: Stackelberg Game and Double Auction Based Task Offloading for Mobile Blockchain. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5549-5561	6.8	49
468	A Deep Reinforcement Learning Based Offloading Game in Edge Computing. <i>IEEE Transactions on Computers</i> , 2020 , 69, 883-893	2.5	48
467	An artificial bee colony algorithm for data collection path planning in sparse wireless sensor networks. <i>International Journal of Machine Learning and Cybernetics</i> , 2015 , 6, 375-383	3.8	47
466	Optimal Task Placement with QoS Constraints in Geo-Distributed Data Centers Using DVFS. <i>IEEE Transactions on Computers</i> , 2015 , 64, 2049-2059	2.5	46
465	Patchwork-Based Audio Watermarking Method Robust to De-synchronization Attacks. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2014 , 22, 1413-1423	3.6	46
464	Comparison of particle number size distributions and new particle formation between the urban and rural sites in the PRD region, China. <i>Atmospheric Environment</i> , 2013 , 76, 181-188	5.3	46
463	Variation of particle number size distributions and chemical compositions at the urban and downwind regional sites in the Pearl River Delta during summertime pollution episodes. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 9431-9439	6.8	46
462	Renewable Energy-Aware Big Data Analytics in Geo-Distributed Data Centers with Reinforcement Learning. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 205-215	4.9	46
461	Online gas- and particle-phase measurements of organosulfates, organosulfonates and nitrooxy organosulfates in Beijing utilizing a FIGAERO ToF-CIMS. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10355-10371	6.8	46
460	Daytime HONO formation in the suburban area of the megacity Beijing, China. <i>Science China Chemistry</i> , 2014 , 57, 1032-1042	7.9	45
459	Imitation Learning Enabled Task Scheduling for Online Vehicular Edge Computing. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	45
458	Cooperative Transmission in Integrated Terrestrial-Satellite Networks. <i>IEEE Network</i> , 2019 , 33, 204-210	11.4	45
457	Distributed Energy Management for Vehicle-to-Grid Networks. <i>IEEE Network</i> , 2017 , 31, 22-28	11.4	44
456	Capacitated cloudlet placements in Wireless Metropolitan Area Networks 2015 ,		44
455	Spread Spectrum-Based High Embedding Capacity Watermarking Method for Audio Signals. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2015 , 23, 2228-2237	3.6	43
454	MeLoDy: A Long-Term Dynamic Quality-Aware Incentive Mechanism for Crowdsourcing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018 , 29, 901-914	3.7	43
453	Chameleon Hashing for Secure and Privacy-Preserving Vehicular Communications. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 2794-2803	3.7	43
452	Cost Minimization for Rule Caching in Software Defined Networking. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016 , 27, 1007-1016	3.7	42

451	Range-Based Localization for Sparse 3-D Sensor Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 753-764	6.7	42
450	Traffic-Aware Geo-Distributed Big Data Analytics with Predictable Job Completion Time. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2017 , 28, 1785-1796	3.7	42
449	Spatial distributions and chemical properties of PM2.5 based on 21 field campaigns at 17 sites in China. <i>Chemosphere</i> , 2016 , 159, 480-487	8.4	42
448	Approximation and Online Algorithms for NFV-Enabled Multicasting in SDNs 2017 ,		41
447	Robust Patchwork-Based Embedding and Decoding Scheme for Digital Audio Watermarking. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012 , 20, 2232-2239		41
446	Distributed and Dynamic Service Placement in Pervasive Edge Computing Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021 , 32, 1277-1292	3.7	41
445	Photochemical smog in China: scientific challenges and implications for air-quality policies. <i>National Science Review</i> , 2016 , 3, 401-403	10.8	41
444	Incentive Scheme for Cyber Physical Social Systems Based on User Behaviors. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 8, 92-103	4.1	41
443	Efficient N ₂ O uptake and NO ₃ oxidation in the outflow of urban Beijing. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 9705-9721	6.8	41
442	Multi-Category RFID Estimation. <i>IEEE/ACM Transactions on Networking</i> , 2017 , 25, 264-277	3.8	40
441	Insight into characteristics and sources of PM2.5 in the Beijing-Tianjin-Hebei region, China. <i>National Science Review</i> , 2015 , 2, 257-258	10.8	38
440	Efficient NFV-Enabled Multicasting in SDNs. <i>IEEE Transactions on Communications</i> , 2019 , 67, 2052-2070	6.9	37
439	A Feasible IP Traceback Framework through Dynamic Deterministic Packet Marking. <i>IEEE Transactions on Computers</i> , 2016 , 65, 1418-1427	2.5	36
438	A MapReduce based Parallel Niche Genetic Algorithm for contaminant source identification in water distribution network. <i>Ad Hoc Networks</i> , 2015 , 35, 116-126	4.8	36
437	Green DataPath for TCAM-Based Software-Defined Networks 2016 , 54, 194-201		36
436	Evolution of Software-Defined Sensor Networks 2013 ,		36
435	OH-Initiated Oxidation of m-Xylene on Black Carbon Aging. <i>Environmental Science & Technology</i> , 2016 , 50, 8605-12	10.3	36
434	Adaptive and Fault-Tolerant Data Processing in Healthcare IoT Based on Fog Computing. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 263-273	4.9	36

433	Incentive mechanisms for device-to-device communications. <i>IEEE Network</i> , 2015 , 29, 75-79	11.4	35
432	. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 2177-2185	11.9	35
431	Distributed Segment-Based Anomaly Detection With Kullback-Leibler Divergence in Wireless Sensor Networks. <i>IEEE Transactions on Information Forensics and Security</i> , 2017 , 12, 101-110	8	35
430	Ageing and hygroscopicity variation of black carbon particles in Beijing measured by a quasi-atmospheric aerosol evolution study (QUALITY) chamber. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 10333-10348	6.8	35
429	Service Chaining for Hybrid Network Function. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 7, 1082-1094	5.3	35
428	Gasoline aromatics: a critical determinant of urban secondary organic aerosol formation. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 10743-10752	6.8	34
427	Secure Wireless Communications Based on Compressive Sensing: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 1093-1111	37.1	34
426	. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2017 , 5, 438-448	4.1	33
425	2016 ,		33
424	QoS-Aware Cooperative Computation Offloading for Robot Swarms in Cloud Robotics. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 4027-4041	6.8	32
423	Green Data-Collection From Geo-Distributed IoT Networks Through Low-Earth-Orbit Satellites. <i>IEEE Transactions on Green Communications and Networking</i> , 2019 , 3, 806-816	4	32
422	Intelligent VNF Orchestration and Flow Scheduling via Model-Assisted Deep Reinforcement Learning. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 279-291	14.2	32
421	Privacy-preserving Data Aggregation Computing in Cyber-Physical Social Systems. <i>ACM Transactions on Cyber-Physical Systems</i> , 2019 , 3, 1-23	2.3	32
420	A Truthful Double Auction for Device-to-Device Communications in Cellular Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 71-81	14.2	31
419	Strategic Antieavesdropping Game for Physical Layer Security in Wireless Cooperative Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 9448-9457	6.8	31
418	A software defined wireless sensor network 2014 ,		31
417	On Efficient Resource Allocation for Cognitive and Cooperative Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 264-273	14.2	31
416	Tornado: Enabling Blockchain in Heterogeneous Internet of Things Through a Space-Structured Approach. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 1273-1286	10.7	31

415	A survey on sensor placement for contamination detection in water distribution systems. <i>Wireless Networks</i> , 2018 , 24, 647-661	2.5	30
414	Influence of biomass burning from South Asia at a high-altitude mountain receptor site in China. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 6853-6864	6.8	30
413	Segment-Based Anomaly Detection with Approximated Sample Covariance Matrix in Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 574-583	3.7	30
412	Mobility Prediction Based Joint Stable Routing and Channel Assignment for Mobile Ad Hoc Cognitive Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016 , 27, 789-802	3.7	29
411	Cloud Computing Assisted Blockchain-Enabled Internet of Things. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 1-1	3.3	29
410	Rank-Based Image Watermarking Method With High Embedding Capacity and Robustness. <i>IEEE Access</i> , 2016 , 4, 1689-1699	3.5	29
409	Networking Integrated CloudEdgeEnd in IoT: A Blockchain-Assisted Collective Q-Learning Approach. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 12694-12704	10.7	29
408	Fairness-Aware Dynamic Rate Control and Flow Scheduling for Network Utility Maximization in Network Service Chain. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1059-1071	14.2	28
407	Joint DNN Partition Deployment and Resource Allocation for Delay-Sensitive Deep Learning Inference in IoT. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 9241-9254	10.7	28
406	Variations of fine particle physiochemical properties during a heavy haze episode in the winter of Beijing. <i>Science of the Total Environment</i> , 2016 , 571, 103-9	10.2	28
405	The Next Generation Heterogeneous Satellite Communication Networks: Integration of Resource Management and Deep Reinforcement Learning. <i>IEEE Wireless Communications</i> , 2020 , 27, 105-111	13.4	28
404	Heterogeneous chemistry of glyoxal on acidic solutions. An oligomerization pathway for secondary organic aerosol formation. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 4457-63	2.8	27
403	Cluster Frameworks for Efficient Scheduling and Resource Allocation in Data Center Networks: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 3560-3580	37.1	27
402	AI Routers & Network Mind: A Hybrid Machine Learning Paradigm for Packet Routing. <i>IEEE Computational Intelligence Magazine</i> , 2019 , 14, 21-30	5.6	27
401	A Differential Privacy-Based Query Model for Sustainable Fog Data Centers. <i>IEEE Transactions on Sustainable Computing</i> , 2019 , 4, 145-155	3.5	27
400	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 824-833	3.7	26
399	Temporal and spatial distribution of PM chemical composition in a coastal city of Southeast China. <i>Science of the Total Environment</i> , 2017 , 605-606, 337-346	10.2	26
398	FELL: A Flexible Virtual Network Embedding Algorithm with Guaranteed Load Balancing 2011 ,		26

397	Profit Maximization for Admitting Requests with Network Function Services in Distributed Clouds. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019 , 30, 1143-1157	3.7	26
396	Temporal Centrality-Balanced Traffic Management for Space Satellite Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 4427-4439	6.8	25
395	Can we beat legitimate cyber behavior mimicking attacks from botnets? 2012 ,		25
394	Minimum-energy multicast in wireless ad hoc networks with adaptive antennas: MILP formulations and heuristic algorithms. <i>IEEE Transactions on Mobile Computing</i> , 2006 , 5, 333-346	4.6	25
393	Experience-Driven Computational Resource Allocation of Federated Learning by Deep Reinforcement Learning 2020 ,		25
392	Trust-Enhanced Content Delivery in Blockchain-Based Information-Centric Networking. <i>IEEE Network</i> , 2019 , 33, 183-189	11.4	24
391	. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 1782-1793	6.8	24
390	On Traffic-Aware Partition and Aggregation in MapReduce for Big Data Applications. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016 , 27, 818-828	3.7	24
389	RENDEZVOUS: towards fast event detecting in wireless sensor and actor networks. <i>Computing (Vienna/New York)</i> , 2014 , 96, 995-1010	2.2	24
388	Unicast and Broadcast Throughput Maximization in Amplify-and-Forward Relay Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 2768-2776	6.8	24
387	A K self-adaptive SDN controller placement for wide area networks. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2016 , 17, 620-633	2.2	24
386	Near-Optimal Routing Protection for In-Band Software-Defined Heterogeneous Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 2918-2934	14.2	24
385	Maximizing Lifetime of Data-Gathering Trees With Different Aggregation Modes in WSNs. <i>IEEE Sensors Journal</i> , 2016 , 16, 8167-8177	4	23
384	Near-Optimal One-Sided Scheduling for Coded Segmented Network Coding. <i>IEEE Transactions on Computers</i> , 2016 , 65, 929-939	2.5	23
383	Trajectory and Data Planning for Mobile Relay to Enable Efficient Internet Access after Disasters 2015 ,		23
382	A Truthful QoS-Aware Spectrum Auction with Spatial Reuse for Large-Scale Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 2499-2508	3.7	23
381	A Pre-Authentication Approach to Proxy Re-Encryption in Big Data Context. <i>IEEE Transactions on Big Data</i> , 2017 , 1-1	3.2	22
380	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 4602-4615	6.8	22

379	Robust Large-Scale Spectrum Auctions against False-Name Bids. <i>IEEE Transactions on Mobile Computing</i> , 2017 , 16, 1730-1743	4.6	22
378	Joint Multigroup Precoding and Resource Allocation in Integrated Terrestrial-Satellite Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 8075-8090	6.8	22
377	14C-Based source assessment of carbonaceous aerosols at a rural site. <i>Atmospheric Environment</i> , 2012 , 50, 36-40	5.3	22
376	Top- \$k\$ Queries for Categorized RFID Systems. <i>IEEE/ACM Transactions on Networking</i> , 2017 , 25, 2587-2600	5.0	22
375	. <i>IEEE Network</i> , 2020 , 34, 84-91	11.4	22
374	Energy Management for EV Charging in Software-Defined Green Vehicle-to-Grid Network 2018 , 56, 156-163		22
373	Energy-Efficient Event Detection by Participatory Sensing Under Budget Constraints. <i>IEEE Systems Journal</i> , 2017 , 11, 2490-2501	4.3	21
372	Spectrum Sensing and Recognition in Satellite Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 2502-2516	6.8	21
371	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 8777-8791	6.8	21
370	A Continuous-Decision Virtual Network Embedding Scheme Relying on Reinforcement Learning. <i>IEEE Transactions on Network and Service Management</i> , 2020 , 17, 864-875	4.8	21
369	Vital Signs Monitoring with RFID: Opportunities and Challenges. <i>IEEE Network</i> , 2019 , 33, 126-132	11.4	21
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