

Changqiao Xu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7883126/changqiao-xu-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

95
papers

1,517
citations

21
h-index

36
g-index

112
ext. papers

1,934
ext. citations

4.8
avg. IF

5.04
L-index

#	Paper	IF	Citations
95	A Transcoding-enabled 360°VR Video Caching and Delivery Framework for Edge-enhanced Next-generation Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	3
94	A Multi-user Cost-efficient Crowd-assisted VR Content Delivery Solution in 5G-and-beyond Heterogeneous Networks. <i>IEEE Transactions on Mobile Computing</i> , 2022 , 1-1	4.6	4
93	Augmented Queue-Based Transmission and Transcoding Optimization for Livecast Services Based on Cloud-Edge-Crowd Integration. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 31, 4470-4484	6.4	4
92	A Universal Transcoding and Transmission Method for Livecast with Networked Multi-Agent Reinforcement Learning 2021 ,		3
91	Fairness-Guaranteed Transcoding Task Assignment for Viewer-Assisted Crowdsourced Livecast Services 2021 ,		2
90	BC-Mobile Device Cloud: A Blockchain-Based Decentralized Truthful Framework for Mobile Device Cloud. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1208-1219	11.9	10
89	Decentralized Online Learning Methods Based on Weight-Balancing Over Time-Varying Digraphs. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 5, 394-406	4.1	5
88	Joint Optimal Multicast Scheduling and Caching for Improved Performance and Energy Saving in Wireless Heterogeneous Networks. <i>IEEE Transactions on Broadcasting</i> , 2021 , 67, 119-130	4.7	5
87	Freshness-Aware Age Optimization for Multipath TCP Over Software Defined Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	1
86	Spatio-Temporal Power Optimization for MIMO Joint Communication and Radio Sensing Systems With Training Overhead. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 514-528	6.8	9
85	Reinforcement Learning-based Mobile AR/VR Multipath Transmission with Streaming Power Spectrum Density Analysis. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	1
84	Context-Aware Adaptive Route Mutation Scheme: A Reinforcement Learning Approach. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 13528-13541	10.7	5
83	Multicast-aware optimization for resource allocation with edge computing and caching. <i>Journal of Network and Computer Applications</i> , 2021 , 193, 103195	7.9	4
82	. <i>IEEE Transactions on Green Communications and Networking</i> , 2020 , 4, 903-913	4	1
81	Reliable and Efficient Multimedia Service Optimization for Edge Computing-Based 5G Networks: Game Theoretic Approaches. <i>IEEE Transactions on Network and Service Management</i> , 2020 , 17, 1610-1625	4.8	10
80	Connectivity of UAV Swarms in 3D Spherical Spaces Under (Un)Intentional Ground Interference. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 8792-8804	6.8	5
79	Decentralized asynchronous optimization for dynamic adaptive multimedia streaming over information centric networking. <i>Journal of Network and Computer Applications</i> , 2020 , 157, 102574	7.9	2

78	GCH-MV: Game-Enhanced Compensation Handover Scheme for Multipath TCP in 6G Software Defined Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 16142-16154	6.8	4
77	A Multi-update Deep Reinforcement Learning Algorithm for Edge Computing Service Offloading 2020 ,		5
76	XSS Attack Detection Model Based on Semi-supervised Learning Algorithm with Weighted Neighbor Purity. <i>Lecture Notes in Computer Science</i> , 2020 , 198-213	0.9	0
75	A QoE-Driven Multicast Strategy With Segment Routing: A Novel Multimedia Traffic Engineering Paradigm. <i>IEEE Transactions on Broadcasting</i> , 2020 , 66, 34-46	4.7	4
74	Measurement, Analysis, and Enhancement of Multipath TCP Energy Efficiency for Datacenters. <i>IEEE/ACM Transactions on Networking</i> , 2020 , 28, 57-70	3.8	6
73	DQ-RM: Deep Reinforcement Learning-based Route Mutation Scheme for Multimedia Services 2020 ,		4
72	Stochastic Cooperative Multicast Scheduling for Cache-Enabled and Green 5G Networks 2019 ,		3
71	An Efficient and Agile Spatio-Temporal Route Mutation Moving Target Defense Mechanism 2019 ,		6
70	Edge-Boost: Enhancing Multimedia Delivery with Mobile Edge Caching in 5G-D2D Networks 2019 ,		8
69	Stochastic Profit Maximization of Service Provider in Millimeter-Wave High-Speed Railway Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 5059-5075	6.8	4
68	DP-LTOD: Differential Privacy Latent Trajectory Community Discovering Services over Location-Based Social Networks. <i>IEEE Transactions on Services Computing</i> , 2019 , 1-1	4.8	14
67	Design of Multipath Transmission Control for Information-Centric Internet of Things: A Distributed Stochastic Optimization Framework. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 9475-9488	10.7	13
66	2019 ,		5
65	QoS-driven Path Selection for MPTCP: A Scalable SDN-assisted Approach 2019 ,		4
64	Stochastic Optimization for Green Multimedia Services in Dense 5G Networks. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2019 , 15, 1-22	3.4	9
63	GTTC: A Low-Expenditure IoT Multi-Task Coordinated Distributed Computing Framework with Fog Computing 2019 ,		8
62	An Intelligent Route Mutation Mechanism against Mixed Attack Based on Security Awareness 2019 ,		8
61	Credible and economic multimedia service optimization based on game theoretic in hybrid cloud networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3779	1.9	5

60	2019,			1
59	Diffusion Kalman Filter With Quantized Information Exchange in Distributed Mobile Crowdsensing. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4423-4435	10.7		9
58	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 1577-1592	6.6		13
57	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 636-651	6.6		14
56	Differentially Private Distributed Online Algorithms Over Time-Varying Directed Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2018 , 4, 4-17	2.8		29
55	Video streaming distribution over mobile Internet: a survey. <i>Frontiers of Computer Science</i> , 2018 , 12, 1039-1059	2.2		3
54	Optimal Information Centric Caching in 5G Device-to-Device Communications. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 2114-2126	4.6		39
53	GrIMS: Green Information-Centric Multimedia Streaming Framework in Vehicular Ad Hoc Networks. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 483-498	6.4		42
52	Differential privacy-guaranteed trajectory community identification over vehicle ad-hoc networks. <i>Internet Technology Letters</i> , 2018 , 1, e9	1.3		6
51	GDSoc: Green dynamic self-optimizing content caching in ICN-based 5G network. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018 , 29, e3221	1.9		8
50	Optimal Coded Caching in 5G Information-Centric Device-to-Device Communications 2018 ,			2
49	Family-Aware Pricing Strategy for Accelerating Video Dissemination over Information-Centric Vehicular Networks 2018 ,			3
48	GBC-based caching function group selection algorithm for SINET. <i>Journal of Network and Computer Applications</i> , 2017 , 85, 56-63	7.9		9
47	SEM-PPA: A semantical pattern and preference-aware service mining method for personalized point of interest recommendation. <i>Journal of Network and Computer Applications</i> , 2017 , 82, 35-46	7.9		26
46	Video Streaming in Content-Centric Mobile Networks: Challenges and Solutions. <i>IEEE Wireless Communications</i> , 2017 , 24, 157-165	13.4		38
45	Incentive mechanism for computation offloading using edge computing: A Stackelberg game approach. <i>Computer Networks</i> , 2017 , 129, 399-409	5.4		97
44	Challenges and Opportunities of Network Virtualization over Wireless Mobile Networks. <i>Mobile Information Systems</i> , 2017 , 2017, 1-2	1.4		0
43	Loss-aware adaptive scalable transmission in wireless high-speed railway networks 2017 ,			5

42	Information-centric cost-efficient optimization for multimedia content delivery in mobile vehicular networks. <i>Computer Communications</i> , 2017 , 99, 93-106	5.1	31
41	Pipeline Network Coding-Based Multipath Data Transfer in Heterogeneous Wireless Networks. <i>IEEE Transactions on Broadcasting</i> , 2017 , 63, 376-390	4.7	32
40	Distributed Constrained Stochastic Subgradient Algorithms Based on Random Projection and Asynchronous Broadcast over Networks. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-13	1.1	
39	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 1735-1751	6.8	41
38	The Performance Analysis of Diffusion LMS Algorithm in Sensor Networks Based on Quantized Data and Random Topology. <i>International Journal of Distributed Sensor Networks</i> , 2016 , 12, 9685385	1.7	
37	Green Communication for Mobile and Wireless Networks. <i>Mobile Information Systems</i> , 2016 , 2016, 1-2	1.4	
36	Congestion Control Design for Multipath Transport Protocols: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2016 , 18, 2948-2969	37.1	62
35	CMT-CQA: Cross-layer QoS-aware adaptive concurrent multipath data transfer in heterogeneous networks. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2015 , 10, 75-84	1	3
34	CMT-CC: Cross-Layer Cognitive CMT for Efficient Multimedia Distribution over Multi-homed Wireless Networks. <i>Wireless Personal Communications</i> , 2015 , 82, 1643-1663	1.9	8
33	2015 ,		13
32	Socially aware mobile peer-to-peer communications for community multimedia streaming services 2015 , 53, 150-156		54
31	Performance-Aware Mobile Community-Based VoD Streaming Over Vehicular Ad Hoc Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 1201-1217	6.8	62
30	Cross-Layer Fairness-Driven Concurrent Multipath Video Delivery Over Heterogeneous Wireless Networks. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015 , 25, 1175-1189	6.4	61
29	A Novel Energy-Efficiency Social-Inspired Video Sharing Solution in Wireless Networks. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 518289	1.7	1
28	A smart hybrid routing protocol supporting multimedia delivery over mobile ad hoc networks 2014 ,		1
27	A Novel Cooperative Content Fetching-Based Strategy to Increase the Quality of Video Delivery to Mobile Users in Wireless Networks. <i>IEEE Transactions on Broadcasting</i> , 2014 , 60, 370-384	4.7	27
26	Ant-Inspired Mini-Community-Based Solution for Video-On-Demand Services in Wireless Mobile Networks. <i>IEEE Transactions on Broadcasting</i> , 2014 , 60, 322-335	4.7	48
25	Qos-driven SCTP-based multimedia delivery over heterogeneous wireless networks. <i>Science China Information Sciences</i> , 2014 , 57, 1-10	3.4	8

24	. <i>IEEE Communications Letters</i> , 2014 , 18, 102-105	3.8	80
23	TCP-friendly CMT-based multimedia distribution over multi-homed wireless networks 2014 ,		7
22	B-iTRF: A novel bio-inspired trusted routing framework for wireless sensor networks 2014 ,		3
21	The comparison and performance analysis of CCN under mobile environments 2014 ,		1
20	Efficient concurrent multipath transfer using network coding in wireless networks 2014 ,		1
19	2014 ,		50
18	Reliability-oriented ant colony optimization-based mobile peer-to-peer VoD solution in MANETs. <i>Wireless Networks</i> , 2014 , 20, 1185-1202	2.5	9
17	CMT-QA: Quality-Aware Adaptive Concurrent Multipath Data Transfer in Heterogeneous Wireless Networks. <i>IEEE Transactions on Mobile Computing</i> , 2013 , 12, 2193-2205	4.6	123
16	. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2273-2289	6.8	118
15	2013 ,		5
14	A Novel Physarum-Inspired Routing Protocol for Wireless Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2013 , 9, 483581	1.7	11
13	Content retrieval model for information-center MANETs: 2-dimensional case 2013 ,		3
12	P-iRP: Physarum-Inspired Routing Protocol for Wireless Sensor Networks 2013 ,		5
11	Peering strategic game models for interdependent ISPs in content centric Internet. <i>Scientific World Journal, The</i> , 2013 , 2013, 380265	2.2	3
10	Novel End-to-End Quality of Service Provisioning Algorithms for Multimedia Services in Virtualization-Based Future Internet. <i>IEEE Transactions on Broadcasting</i> , 2012 , 58, 569-579	4.7	16
9	Background Traffic-Based Retransmission Algorithm for Multimedia Streaming Transfer over Concurrent Multipaths. <i>International Journal of Digital Multimedia Broadcasting</i> , 2012 , 2012, 1-10	0.8	4
8	The location selection for CCN router based on the network centrality 2012 ,		5
7	PCA-based dimensionality reduction method for user information in Universal Network 2012 ,		2

6	A MP2P-based VoD solution for supporting VCR-like operations in MANETs 2012 ,		1
5	Environment-Aware CMT for Efficient Video Delivery in Wireless Multimedia Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2012 , 8, 381726	1.7	10
4	Performance Evaluation of Multimedia Content Distribution Over Multi-Homed Wireless Networks. <i>IEEE Transactions on Broadcasting</i> , 2011 , 57, 204-215	4.7	37
3	The Performance Analysis of the Multicast Extension Support for Proxy MIPv6. <i>Wireless Personal Communications</i> , 2011 , 61, 657-677	1.9	5
2	Distributed Storage-Assisted Data-Driven Overlay Network for P2P VoD Services. <i>IEEE Transactions on Broadcasting</i> , 2009 , 55, 1-10	4.7	31
1	An intelligent proactive defense against the client-side DNS cache poisoning attack via self-checking deep reinforcement learning. <i>International Journal of Intelligent Systems</i> ,	8.4	1