

# Vaneet Aggarwal

## 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.

185 papers	2,227 citations	23 h-index	39 g-index
221 ext. papers	2,854 ext. citations	4.2 avg, IF	5.77 L-index

#	Paper	IF	Citations
185	Design and Characterization of a Full-Duplex Multiantenna System for WiFi Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 1160-1177	6.8	333
184	Iterative Dynamic Water-Filling for Fading Multiple-Access Channels With Energy Harvesting. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 382-395	14.2	79
183	Prometheus <b>2014</b> ,		74
182	Adaptive Sampling of RF Fingerprints for Fine-Grained Indoor Localization. <i>IEEE Transactions on Mobile Computing</i> , <b>2016</b> , 15, 2411-2423	4.6	59
181	Modeling web quality-of-experience on cellular networks <b>2014</b> ,		58
180	Efficient Low Rank Tensor Ring Completion <b>2017</b> ,		54
179	Control of Charging of Electric Vehicles Through Menu-Based Pricing. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 5918-5929	10.7	47
178	Joint Latency and Cost Optimization for Erasure-Coded Data Center Storage. <i>IEEE/ACM Transactions on Networking</i> , <b>2016</b> , 24, 2443-2457	3.8	46
177	DeepPool: Distributed Model-Free Algorithm for Ride-Sharing Using Deep Reinforcement Learning. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2019</b> , 20, 4714-4727	6.1	44
176	Layered Exact-Repair Regenerating Codes via Embedded Error Correction and Block Designs. <i>IEEE Transactions on Information Theory</i> , <b>2015</b> , 61, 1933-1947	2.8	39
175	On Achieving Local View Capacity Via Maximal Independent Graph Scheduling. <i>IEEE Transactions on Information Theory</i> , <b>2011</b> , 57, 2711-2729	2.8	39
174	Exploiting Mobility in Proportional Fair Cellular Scheduling: Measurements and Algorithms. <i>IEEE/ACM Transactions on Networking</i> , <b>2016</b> , 24, 355-367	3.8	37
173	Modeling location uncertainty for eavesdroppers: A secrecy graph approach <b>2010</b> ,		32
172	Joint latency and cost optimization for erasurecoded data center storage. <i>Performance Evaluation Review</i> , <b>2014</b> , 42, 3-14	0.4	31
171	Full- or half-duplex? A capacity analysis with bounded radio resources <b>2012</b> ,		31
170	Power Allocation for Energy Harvesting Transmitter With Causal Information. <i>IEEE Transactions on Communications</i> , <b>2014</b> , 62, 4080-4093	6.9	29
169	Exploiting mobility in proportional fair cellular scheduling: Measurements and algorithms <b>2014</b> ,		28

168	Low-Tubal-Rank Tensor Completion Using Alternating Minimization. <i>IEEE Transactions on Information Theory</i> , <b>2020</b> , 66, 1714-1737	2.8	27
167	Family of Constrained Codes for Archival DNA Data Storage. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 1973-1975	3.8	27
166	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 10268-10280	6.8	27
165	. <i>IEEE Transactions on Multimedia</i> , <b>2013</b> , 15, 789-801	6.6	26
164	Thermodynamics of organic cation exchange selectivity in smectites. <i>Clays and Clay Minerals</i> , <b>2007</b> , 55, 119-130	2.1	26
163	On Maximizing Coverage in Gaussian Relay Channels. <i>IEEE Transactions on Information Theory</i> , <b>2009</b> , 55, 2518-2536	2.8	24
162	Differentiated service policy in smart warehouse automation. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 6956-6970	7.8	23
161	Secrecy capacity of a class of orthogonal relay eavesdropper channels <b>2009</b> ,		23
160	Sprout: A Functional Caching Approach to Minimize Service Latency in Erasure-Coded Storage. <i>IEEE/ACM Transactions on Networking</i> , <b>2017</b> , 25, 3683-3694	3.8	22
159	LBP: Robust Rate Adaptation Algorithm for SVC Video Streaming. <i>IEEE/ACM Transactions on Networking</i> , <b>2018</b> , 26, 1633-1645	3.8	22
158	Multi-Tier Caching Analysis in CDN-Based Over-the-Top Video Streaming Systems. <i>IEEE/ACM Transactions on Networking</i> , <b>2019</b> , 27, 835-847	3.8	21
157	Diazinon-chemistry and environmental fate: a California perspective. <i>Reviews of Environmental Contamination and Toxicology</i> , <b>2013</b> , 223, 107-40	3.5	21
156	Wiretap channel type II with an active eavesdropper <b>2009</b> ,		21
155	Exact-repair regenerating codes via layered erasure correction and block designs <b>2013</b> ,		20
154	The Effect of Eavesdroppers on Network Connectivity: A Secrecy Graph Approach. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2011</b> , 6, 712-724	8	19
153	Exploiting virtualization for delivering cloud-based IPTV services <b>2011</b> ,		19
152	On channel output feedback in deterministic interference channels <b>2009</b> ,		19
151	The effectiveness of intelligent scheduling for multicast video-on-demand <b>2009</b> ,		19

150	Fault-Resilience for Bandwidth Management in Industrial Software-Defined Networks. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	19
149	FlexPool: A Distributed Model-Free Deep Reinforcement Learning Algorithm for Joint Passengers and Goods Transportation. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 2035-2047	6.1	18
148	Joint Energy-Bandwidth Allocation in Multiple Broadcast Channels With Energy Harvesting. <i>IEEE Transactions on Communications</i> , <b>2015</b> , 63, 3842-3855	6.9	16
147	Tensor Train Neighborhood Preserving Embedding. <i>IEEE Transactions on Signal Processing</i> , <b>2018</b> , 66, 2724-2732	4.8	15
146	Boolean Functions, Projection Operators, and Quantum Error Correcting Codes. <i>IEEE Transactions on Information Theory</i> , <b>2008</b> , 54, 1700-1707	2.8	15
145	Secrecy Capacity of a Class of Orthogonal Relay Eavesdropper Channels. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2009</b> , 2009,	3.2	14
144	On Deterministic Sampling Patterns for Robust Low-Rank Matrix Completion. <i>IEEE Signal Processing Letters</i> , <b>2018</b> , 25, 343-347	3.2	13
143	Modeling Heavy Tails in Traffic Sources for Network Performance Evaluation. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 23-44	0.4	13
142	Optimized Preference-Aware Multi-Path Video Streaming with Scalable Video Coding. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 19, 159-172	4.6	13
141	Capacity of All Nine Models of Channel Output Feedback for the Two-User Interference Channel. <i>IEEE Transactions on Information Theory</i> , <b>2013</b> , 59, 6957-6979	2.8	12
140	Characterizing fairness for 3G wireless networks <b>2011</b> ,		12
139	Datacenter net profit optimization with deadline dependent pricing <b>2012</b> ,		12
138	Optimal Energy-Bandwidth Allocation for Energy-Harvesting Networks in Multiuser Fading Channels. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 1565-1577	14.2	12
137	Transmission With Energy Harvesting Nodes in Frequency-Selective Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 1642-1656	9.6	11
136	A computer vision approach for classifying isometric grip force exertion levels. <i>Ergonomics</i> , <b>2020</b> , 63, 1010-1026	2.9	10
135	Video Streaming in Distributed Erasure-Coded Storage Systems: Stall Duration Analysis. <i>IEEE/ACM Transactions on Networking</i> , <b>2018</b> , 26, 1921-1932	3.8	10
134	Volume thresholds for quantum fault tolerance. <i>Quantum Information Processing</i> , <b>2010</b> , 9, 541-549	1.6	10
133	Power-Controlled Feedback and Training for Two-Way MIMO Channels. <i>IEEE Transactions on Information Theory</i> , <b>2010</b> , 56, 3310-3331	2.8	10

132	Differentiated Latency in Data Center Networks with Erasure Coded Files Through Traffic Engineering. <i>IEEE Transactions on Cloud Computing</i> , <b>2019</b> , 7, 495-508	3.3	10
131	TTLc: Taming Tail Latency for Erasure-Coded Cloud Storage Systems. <i>IEEE Transactions on Network and Service Management</i> , <b>2019</b> , 16, 1609-1623	4.8	9
130	A Low-Complexity Detection Algorithm for Uplink Massive MIMO Systems Based on Alternating Minimization. <i>IEEE Wireless Communications Letters</i> , <b>2019</b> , 8, 917-920	5.9	9
129	Q-GADMM: Quantized Group ADMM for Communication Efficient Decentralized Machine Learning <b>2020</b> ,		9
128	Optimal Server Selection for Straggler Mitigation. <i>IEEE/ACM Transactions on Networking</i> , <b>2020</b> , 28, 709-728	3.8	9
127	Joint Information Freshness and Completion Time Optimization for Vehicular Networks. <i>IEEE Transactions on Services Computing</i> , <b>2020</b> , 1-1	4.8	9
126	SmartStreamer: Preference-Aware Multipath Video Streaming Over MPTCP. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 6975-6984	6.8	9
125	A characterization of sampling patterns for low-tucker-rank tensor completion problem <b>2017</b> ,		9
124	Q-GADMM: Quantized Group ADMM for Communication Efficient Decentralized Machine Learning. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 164-181	6.9	9
123	. <i>IEEE Transactions on Network and Service Management</i> , <b>2017</b> , 14, 204-216	4.8	8
122	A Biased Random-key Genetic Algorithm for Placement of Virtual Machines across Geo-Separated Data Centers <b>2015</b> ,		8
121	Low-tubal-rank tensor completion using alternating minimization <b>2016</b> ,		8
120	Strategic Prosumers: How to Set the Prices in a Tiered Market?. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 4469-4480	11.9	8
119	Sum Capacity of Interference Channels With a Local View: Impact of Distributed Decisions. <i>IEEE Transactions on Information Theory</i> , <b>2012</b> , 58, 1630-1659	2.8	8
118	<b>2014</b> ,		8
117	Bounds and lattice-based transmission strategies for the phase-faded dirty-paper channel. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 3620-3627	9.6	8
116	Wide Compression: Tensor Ring Nets <b>2018</b> ,		8
115	Tensor learning of pointwise mutual information from EHR data for early prediction of sepsis. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 134, 104430	7	8

114	GroupCast: Preference-Aware Cooperative Video Streaming With Scalable Video Coding. <i>IEEE/ACM Transactions on Networking</i> , <b>2019</b> , 27, 1138-1150	3.8	7
113	Taming tail latency for erasure-coded, distributed storage systems <b>2017</b> ,		7
112	Optimizing cloud resources for delivering IPTV services through virtualization <b>2012</b> ,		7
111	Deep Learning Based Approach for Identifying Conventional Machining Processes from CAD Data. <i>Procedia Manufacturing</i> , <b>2020</b> , 48, 915-925	1.5	7
110	Vision Paper: Grand Challenges in Resilience: Autonomous System Resilience through Design and Runtime Measures. <i>IEEE Open Journal of the Computer Society</i> , <b>2020</b> , 1, 155-172	3.6	7
109	<b>2020</b> ,		7
108	Tensor completion via adaptive sampling of tensor fibers: Application to efficient indoor RF fingerprinting <b>2016</b> ,		7
107	Sprout: A Functional Caching Approach to Minimize Service Latency in Erasure-Coded Storage <b>2016</b> ,		7
106	Principal component analysis with tensor train subspace. <i>Pattern Recognition Letters</i> , <b>2019</b> , 122, 86-91	4.7	6
105	Multi-tenant Latency Optimization in Erasure-Coded Storage with Differentiated Services <b>2015</b> ,		6
104	EdgeCache: An optimized algorithm for CDN-based over-the-top video streaming services <b>2018</b> ,		6
103	Joint Energy-Bandwidth Allocation for Multiuser Channels With Cooperating Hybrid Energy Nodes. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 9880-9889	6.8	6
102	A characterization of sampling patterns for low-rank multi-view data completion problem <b>2017</b> ,		6
101	Ergodic layered erasure one-sided interference channels <b>2009</b> ,		6
100	Message passing in distributed wireless networks <b>2009</b> ,		6
99	Performance of multiple access channels with asymmetric feedback. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2008</b> , 26, 1516-1525	14.2	6
98	Boolean Functions, Projection Operators and Quantum Error Correcting Codes <b>2007</b> ,		6
97	On Maximizing Coverage in Gaussian Relay Networks <b>2007</b> ,		6

96	Coded Caching With Distributed Storage. <i>IEEE Transactions on Information Theory</i> , <b>2019</b> , 65, 7742-7755	2.8	6
95	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-12	6.1	6
94	FastTrack: Minimizing Stalls for CDN-based Over-the-top Video Streaming Systems. <i>IEEE Transactions on Cloud Computing</i> , <b>2019</b> , 1-1	3.3	5
93	On the Capacity of Energy Harvesting Communication Link. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 2671-2686	14.2	5
92	Straggler Mitigation With Tiered Gradient Codes. <i>IEEE Transactions on Communications</i> , <b>2020</b> , 68, 4632-4647	4.7	5
91	Mean latency optimization in erasure-coded distributed storage systems <b>2018</b> ,		5
90	On the Capacity Region and the Generalized Degrees of Freedom Region for the MIMO Interference Channel With Feedback. <i>IEEE Transactions on Information Theory</i> , <b>2013</b> , 59, 8357-8376	2.8	5
89	Bits About the Channel: Multiround Protocols for Two-Way Fading Channels. <i>IEEE Transactions on Information Theory</i> , <b>2011</b> , 57, 3352-3370	2.8	5
88	Diversity order gain with noisy feedback in multiple access channels <b>2008</b> ,		5
87	Multi-Stage Hybrid Federated Learning Over Large-Scale D2D-Enabled Fog Networks. <i>IEEE/ACM Transactions on Networking</i> , <b>2022</b> , 1-16	3.8	5
86	A Distributed Model-Free Algorithm for Multi-Hop Ride-Sharing Using Deep Reinforcement Learning. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-11	6.1	5
85	<b>2019</b> ,		4
84	FastScan: Robust Low-Complexity Rate Adaptation Algorithm for Video Streaming Over HTTP. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2019</b> , 1-1	6.4	4
83	On the Capacity Regions of Two-Way Diamond Channels. <i>IEEE Transactions on Information Theory</i> , <b>2015</b> , 61, 6060-6090	2.8	4
82	Taming Latency in Data Center Networking with Erasure Coded Files <b>2015</b> ,		4
81	Energy Scheduling for Optical Channels With Energy Harvesting Devices. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2018</b> , 2, 154-162	4	4
80	. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2018</b> , 2, 751-763	4	4
79	<b>2016</b> ,		4

78	GroupCast: Preference-aware cooperative video streaming with scalable video coding <b>2018</b> ,		4
77	GiantClient: Video HotSpot for Multi-User Streaming. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2019</b> , 29, 2833-2843	6.4	4
76	Deterministic and Probabilistic Conditions for Finite Completability of Low-Tucker-Rank Tensor. <i>IEEE Transactions on Information Theory</i> , <b>2019</b> , 65, 5380-5400	2.8	4
75	On the Capacity and Degrees of Freedom Regions of Two-User MIMO Interference Channels With Limited Receiver Cooperation. <i>IEEE Transactions on Information Theory</i> , <b>2014</b> , 60, 4170-4196	2.8	4
74	An approximation of the CP-rank of a partially sampled tensor <b>2017</b> ,		4
73	Optimal energy-bandwidth allocation for energy harvesting interference networks <b>2014</b> ,		4
72	On the capacity of multi-hop wireless networks with partial network knowledge <b>2010</b> ,		4
71	Two models for noisy feedback in MIMO channels <b>2008</b> ,		4
70	A Grassmannian Packing Based on the Nordstrom-Robinson Code <b>2006</b> ,		4
69	Communication Efficient Framework for Decentralized Machine Learning <b>2020</b> ,		4
68	A Multi-agent Reinforcement Learning Perspective on Distributed Traffic Engineering <b>2020</b> ,		4
67	Designing efficient communication infrastructure in post-disaster situations with limited availability of network resources. <i>Computer Communications</i> , <b>2020</b> , 164, 54-68	5.1	4
66	A Method to Improve Consensus Averaging using Quantized ADMM <b>2019</b> ,		4
65	Tiered Cloud Storage via Two-Stage, Latency-Aware Bidding. <i>IEEE Transactions on Network and Service Management</i> , <b>2019</b> , 16, 176-191	4.8	4
64	SARTRES: a semi-autonomous robot teleoperation environment for surgery. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , <b>2021</b> , 9, 376-383	0.9	4
63	Spectrum Measurement Markets for Tiered Spectrum Access. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2018</b> , 4, 929-941	6.6	4
62	Deadline and Buffer Constrained Knapsack Problem. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2019</b> , 29, 1564-1568	6.4	3
61	Optimal Linear Broadcast Rates of Some Two-Sender Unicast Index Coding Problems. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 3965-3977	6.9	3



60	Fundamental sampling patterns for low-rank multi-view data completion. <i>Pattern Recognition</i> , <b>2020</b> , 103, 107307	7.7	3
59	Beyond interference avoidance: Distributed sub-network scheduling in wireless networks with local views <b>2013</b> ,		3
58	Performance of a Random-Access Wireless Network With a Mix of Full- and Half-Duplex Stations. <i>IEEE Communications Letters</i> , <b>2013</b> , 17, 2200-2203	3.8	3
57	Control of charging of electric vehicles through menu-based pricing under uncertainty <b>2017</b> ,		3
56	Interference management with mismatched partial channel state information. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2017</b> , 2017,	3.2	3
55	Penalty Based Control Mechanism for Strategic Prosumers in a Distribution Network. <i>Energies</i> , <b>2020</b> , 13, 452	3.1	3
54	A Distributed Model-Free Ride-Sharing Algorithm with Pricing using Deep Reinforcement Learning <b>2020</b> ,		3
53	Transferring Dexterous Surgical Skill Knowledge between Robots for Semi-autonomous Teleoperation <b>2019</b> ,		3
52	Optimizing TCP Loss Recovery Performance Over Mobile Data Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 19, 1401-1419	4.6	3
51	Hybrid algorithms for placement of virtual machines across geo-separated data centers. <i>Journal of Combinatorial Optimization</i> , <b>2019</b> , 38, 748-793	0.9	2
50	Antenna Placement for MIMO Localization Systems With Varying Quality of Receiver Hardware Elements. <i>IEEE Signal Processing Letters</i> , <b>2016</b> , 23, 1732-1735	3.2	2
49	Generalization of LRU Cache Replacement Policy with Applications to Video Streaming. <i>ACM Transactions on Modeling and Performance Evaluation of Computing Systems</i> , <b>2019</b> , 4, 1-22	0.8	2
48	Renewable energy scheduling for fading channels with maximum power constraint <b>2013</b> ,		2
47	Energy scheduling for optical channels with energy harvesting devices <b>2017</b> ,		2
46	<b>2015</b> ,		2
45	<b>2015</b> ,		2
44	On the symmetric K-user linear deterministic interference channels with limited feedback <b>2014</b> ,		2
43	Sum capacity of general deterministic interference channel with channel output feedback <b>2010</b> ,		2

42	Enhanced CDMA communications using compressed-sensing reconstruction methods <b>2009</b> ,		2
41	Latency Minimization for Mobile Edge Computing Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 1-1	4.6	2
40	Spectral domain inverse design for accelerating nanocomposite metamaterials discovery. <i>Optical Materials Express</i> , <b>2019</b> , 9, 4765	2.6	2
39	On the DoF of two-way relay networks with or without relay caching. <i>IET Communications</i> , <b>2017</b> , 11, 2089-2094	3.0	2
38	Inferring smartphone service quality using tensor methods <b>2016</b> ,		2
37	On the Symmetric $K \times K$ -User Interference Channels With Limited Feedback. <i>IEEE Transactions on Information Theory</i> , <b>2016</b> , 62, 6969-6985	2.8	2
36	On the Information Freshness and Tail Latency Trade-Off in Mobile Networks <b>2019</b> ,		2
35	DeepChunk: Deep Q-Learning for Chunk-Based Caching in Wireless Data Processing Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2019</b> , 5, 1034-1045	6.6	2
34	Tiered Spectrum Measurement Markets for Joint Licensed and Unlicensed Secondary Access. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2020</b> , 7, 1295-1309	4.9	2
33	Post-Streaming Wastage Analysis A Data Wastage Aware Framework in Mobile Video Streaming. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 1-1	4.6	2
32	QoE-Aware Resource Allocation for Small Cells <b>2018</b> ,		2
31	Optimized Portfolio Contracts for Bidding the Cloud. <i>IEEE Transactions on Services Computing</i> , <b>2018</b> , 1-1	4.8	2
30	Single-Forking of Coded Subtasks for Straggler Mitigation. <i>IEEE/ACM Transactions on Networking</i> , <b>2021</b> , 1-12	3.8	2
29	. <i>IEEE/ACM Transactions on Networking</i> , <b>2016</b> , 24, 368-382	3.8	1
28	Stochastic non-preemptive co-flow scheduling with time-indexed relaxation <b>2018</b> ,		1
27	Unsupervised clustering under the Union of Polyhedral Cones (UOPC) model. <i>Pattern Recognition Letters</i> , <b>2017</b> , 100, 104-109	4.7	1
26	The DoF of Two-Way Butterfly Networks. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 2254-2257	3.8	1
25	Joint Upload-Download TCP Acceleration over Mobile Data Networks <b>2017</b> ,		1

24	Distributed universally optimal strategies for interference channels with partial message passing <b>2009</b> ,		1
23	Slotted Gaussian Multiple Access Channel: Stable Throughput Region and Role of Side Information Vaneet. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2008</b> , 2008,	3.2	1
22	PassGoodPool: Joint Passengers and Goods Fleet Management With Reinforcement Learning Aided Pricing, Matching, and Route Planning. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-12	6.1	1
21	AdaPool: A Diurnal-Adaptive Fleet Management Framework Using Model-Free Deep Reinforcement Learning and Change Point Detection. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-11	6.1	1
20	Computer Vision Algorithm to Identify High Force Exertions. <i>Proceedings of the Human Factors and Ergonomics Society</i> , <b>2020</b> , 64, 1586-1586	0.4	1
19	Preemptive scheduling for approximate computing on heterogeneous machines: Tradeoff between weighted accuracy and makespan. <i>Information Processing Letters</i> , <b>2020</b> , 153, 105870	0.8	1
18	TTLCache: Taming Latency in Erasure-Coded Storage Through TTL Caching. <i>IEEE Transactions on Network and Service Management</i> , <b>2020</b> , 17, 1582-1596	4.8	1
17	VidCloud. <i>ACM Transactions on Modeling and Performance Evaluation of Computing Systems</i> , <b>2021</b> , 5, 1-32.	0.8	1
16	NPSCS: Non-Preemptive Stochastic Coflow Scheduling With Time-Indexed LP Relaxation. <i>IEEE Transactions on Network and Service Management</i> , <b>2021</b> , 18, 2377-2387	4.8	1
15	Menu-Based Pricing for Profitable Electric Vehicle Charging with Vehicle-to-Grid Service <b>2018</b> ,		1
14	Spectrum Measurement Markets for Tiered Spectrum Access <b>2018</b> ,		1
13	A Computer Vision Approach for Estimating Lifting Load Contributors to Injury Risk. <i>IEEE Transactions on Human-Machine Systems</i> , <b>2022</b> , 52, 207-219	4.1	1
12	On the Optimal Broadcast Rate of the Two-Sender Unicast Index Coding Problem With Fully-Participated Interactions. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 8612-8623	6.9	0
11	DUASVS: A Mobile Data Saving Strategy in Short-form Video Streaming. <i>IEEE Transactions on Services Computing</i> , <b>2022</b> , 1-1	4.8	0
10	A Unified Framework for Flexible Playback Latency Control in Live Video Streaming. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2021</b> , 32, 3024-3037	3.7	0
9	Queueing Theoretic Models for Uncoded and Coded Multicast Wireless Networks with Caches. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	0
8	Reinforcement Learning for Mean-Field Game. <i>Algorithms</i> , <b>2022</b> , 15, 73	1.8	0
7	Stochastic Top K -Subset Bandits with Linear Space and Non-Linear Feedback with Applications to Social Influence Maximization. <i>ACM/JMS Transactions on Data Science</i> , <b>2021</b> , 2, 1-39	1.2	

6	Escaping Saddle Points for Successive Convex Approximation. <i>IEEE Transactions on Signal Processing</i> , <b>2022</b> , 70, 307-321	4.8
5	Improved Dixel Representation: A 3D CNN Geometry Descriptor for Manufacturing CAD. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9
4	Tiered Spectrum Measurement Markets for Licensed Secondary Spectrum. <i>Static and Dynamic Game Theory: Foundations and Applications</i> , <b>2019</b> , 165-182	0.2
3	. <i>IEEE Transactions on Network and Service Management</i> , <b>2021</b> , 18, 3706-3718	4.8
2	Preemptive scheduling on unrelated machines with fractional precedence constraints. <i>Journal of Parallel and Distributed Computing</i> , <b>2021</b> , 157, 280-286	4.4
1	Adaptive Video Streaming with Automatic Quality-of-Experience Optimization. <i>IEEE Transactions on Mobile Computing</i> , <b>2022</b> , 1-1	4.6