Vaneet Aggarwal

List of Publications by Year
in descending order

221 papers	3,470 citations	218677 26 h-index	233421 45 g-index
221 all docs	221 docs citations	221 times ranked	3086 citing authors

#	Article	IF	Citations
1	Design and Characterization of a Full-Duplex Multiantenna System for WiFi Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 1160-1177.	6.3	460
2	Iterative Dynamic Water-Filling for Fading Multiple-Access Channels With Energy Harvesting. IEEE Journal on Selected Areas in Communications, 2015, 33, 382-395.	14.0	110
3	Prometheus. , 2014, , .		96
4	Efficient Low Rank Tensor Ring Completion. , 2017, , .		95
5	DeepPool: Distributed Model-Free Algorithm for Ride-Sharing Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4714-4727.	8.0	86
6	Modeling web quality-of-experience on cellular networks. , 2014, , .		85
7	Control of Charging of Electric Vehicles Through Menu-Based Pricing. IEEE Transactions on Smart Grid, 2018, 9, 5918-5929.	9.0	72
8	Adaptive Sampling of RF Fingerprints for Fine-Grained Indoor Localization. IEEE Transactions on Mobile Computing, 2016, 15, 2411-2423.	5.8	70
9	Joint Latency and Cost Optimization for Erasure-Coded Data Center Storage. IEEE/ACM Transactions on Networking, 2016, 24, 2443-2457.	3.8	59
10	Exploiting Mobility in Proportional Fair Cellular Scheduling: Measurements and Algorithms. IEEE/ACM Transactions on Networking, 2016, 24, 355-367.	3.8	54
11	Layered Exact-Repair Regenerating Codes via Embedded Error Correction and Block Designs. IEEE Transactions on Information Theory, 2015, 61, 1933-1947.	2.4	53
12	On Achieving Local View Capacity Via Maximal Independent Graph Scheduling. IEEE Transactions on Information Theory, 2011, 57, 2711-2729.	2.4	52
13	Low-Tubal-Rank Tensor Completion Using Alternating Minimization. IEEE Transactions on Information Theory, 2020, 66, 1714-1737.	2.4	51
14	Fault-Resilience for Bandwidth Management in Industrial Software-Defined Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 3129-3139.	6.4	49
15	FlexPool: A Distributed Model-Free Deep Reinforcement Learning Algorithm for Joint Passengers and Goods Transportation. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2035-2047.	8.0	45
16	Menu-Based Pricing for Charging of Electric Vehicles With Vehicle-to-Grid Service. IEEE Transactions on Vehicular Technology, 2018, 67, 10268-10280.	6.3	42
17	Multi-Tier Caching Analysis in CDN-Based Over-the-Top Video Streaming Systems. IEEE/ACM Transactions on Networking, 2019, 27, 835-847.	3.8	42
18	Family of Constrained Codes for Archival DNA Data Storage. IEEE Communications Letters, 2018, 22, 1972-1975.	4.1	41

#	Article	IF	Citations
19	Full- or half-duplex? A capacity analysis with bounded radio resources. , 2012, , .		40
20	LBP: Robust Rate Adaptation Algorithm for SVC Video Streaming. IEEE/ACM Transactions on Networking, 2018, 26, 1633-1645.	3.8	40
21	Modeling location uncertainty for eavesdroppers: A secrecy graph approach. , 2010, , .		39
22	Joint latency and cost optimization for erasurecoded data center storage. Performance Evaluation Review, 2014, 42, 3-14.	0.6	38
23	Differentiated service policy in smart warehouse automation. International Journal of Production Research, 2018, 56, 6956-6970.	7.5	38
24	On Maximizing Coverage in Gaussian Relay Channels. IEEE Transactions on Information Theory, 2009, 55, 2518-2536.	2.4	37
25	Secrecy capacity of a class of orthogonal relay eavesdropper channels. , 2009, , .		37
26	Optimizing Cloud Resources for Delivering IPTV Services Through Virtualization. IEEE Transactions on Multimedia, 2013, 15, 789-801.	7.2	37
27	A Distributed Model-Free Ride-Sharing Approach for Joint Matching, Pricing, and Dispatching Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7931-7942.	8.0	37
28	Power Allocation for Energy Harvesting Transmitter With Causal Information. IEEE Transactions on Communications, 2014, 62, 4080-4093.	7.8	36
29	Diazinonâ€"Chemistry and Environmental Fate: A California Perspective. Reviews of Environmental Contamination and Toxicology, 2013, 223, 107-140.	1.3	35
30	Exploiting mobility in proportional fair cellular scheduling: Measurements and algorithms. , 2014, , .		31
31	Sprout: A Functional Caching Approach to Minimize Service Latency in Erasure-Coded Storage. IEEE/ACM Transactions on Networking, 2017, 25, 3683-3694.	3.8	31
32	Wiretap channel type II with an active eavesdropper. , 2009, , .		29
33	Thermodynamics of organic cation exchange selectivity in smectites. Clays and Clay Minerals, 2007, 55, 119-130.	1.3	28
34	Secrecy Capacity of a Class of Orthogonal Relay Eavesdropper Channels. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	28
35	Wide Compression: Tensor Ring Nets. , 2018, , .		28
36	Multi-Stage Hybrid Federated Learning Over Large-Scale D2D-Enabled Fog Networks. IEEE/ACM Transactions on Networking, 2022, 30, 1569-1584.	3.8	27

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37	The Effect of Eavesdroppers on Network Connectivity: A Secrecy Graph Approach. IEEE Transactions on Information Forensics and Security, 2011, 6, 712-724.	6.9	26
38	Optimized Preference-Aware Multi-Path Video Streaming with Scalable Video Coding. IEEE Transactions on Mobile Computing, 2020, 19, 159-172.	5.8	25
39	On channel output feedback in deterministic interference channels. , 2009, , .		24
40	The effectiveness of intelligent scheduling for multicast video-on-demand. , 2009, , .		24
41	Exact-repair regenerating codes via layered erasure correction and block designs. , 2013, , .		24
42	Exploiting virtualization for delivering cloud-based IPTV services. , 2011, , .		23
43	Tensor Train Neighborhood Preserving Embedding. IEEE Transactions on Signal Processing, 2018, 66, 2724-2732.	5.3	23
44	Q-GADMM: Quantized Group ADMM for Communication Efficient Decentralized Machine Learning. IEEE Transactions on Communications, 2021, 69, 164-181.	7.8	22
45	Tensor learning of pointwise mutual information from EHR data for early prediction of sepsis. Computers in Biology and Medicine, 2021, 134, 104430.	7.0	20
46	Boolean Functions, Projection Operators, and Quantum Error Correcting Codes. IEEE Transactions on Information Theory, 2008, 54, 1700-1707.	2.4	19
47	Video Streaming in Distributed Erasure-Coded Storage Systems: Stall Duration Analysis. IEEE/ACM Transactions on Networking, 2018, 26, 1921-1932.	3.8	19
48	Coded Caching With Distributed Storage. IEEE Transactions on Information Theory, 2019, 65, 7742-7755.	2.4	19
49	Deep Learning Based Approach for Identifying Conventional Machining Processes from CAD Data. Procedia Manufacturing, 2020, 48, 915-925.	1.9	19
50	Joint Information Freshness and Completion Time Optimization for Vehicular Networks. IEEE Transactions on Services Computing, 2022, 15, 1118-1129.	4.6	19
51	A computer vision approach for classifying isometric grip force exertion levels. Ergonomics, 2020, 63, 1010-1026.	2.1	18
52	Joint Energy-Bandwidth Allocation in Multiple Broadcast Channels With Energy Harvesting. IEEE Transactions on Communications, 2015, 63, 3842-3855.	7.8	17
53	SmartStreamer: Preference-Aware Multipath Video Streaming Over MPTCP. IEEE Transactions on Vehicular Technology, 2019, 68, 6975-6984.	6.3	17
54	Modeling Heavy Tails in Traffic Sources for Network Performance Evaluation. Advances in Intelligent Systems and Computing, 2014, , 23-44.	0.6	16

#	Article	IF	Citations
55	Power-Controlled Feedback and Training for Two-Way MIMO Channels. IEEE Transactions on Information Theory, 2010, 56, 3310-3331.	2.4	15
56	Optimal Energy-Bandwidth Allocation for Energy-Harvesting Networks in Multiuser Fading Channels. IEEE Journal on Selected Areas in Communications, 2016, 34, 1565-1577.	14.0	15
57	Transmission With Energy Harvesting Nodes in Frequency-Selective Fading Channels. IEEE Transactions on Wireless Communications, 2016, 15, 1642-1656.	9.2	15
58	On Deterministic Sampling Patterns for Robust Low-Rank Matrix Completion. IEEE Signal Processing Letters, 2018, 25, 343-347.	3.6	15
59	Characterizing fairness for 3G wireless networks. , 2011, , .		14
60	DeepChunk: Deep Q-Learning for Chunk-Based Caching in Wireless Data Processing Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 1034-1045.	7.9	14
61	Vision Paper: Grand Challenges in Resilience: Autonomous System Resilience through Design and Runtime Measures. IEEE Open Journal of the Computer Society, 2020, 1, 155-172.	7.8	14
62	Optimal Server Selection for Straggler Mitigation. IEEE/ACM Transactions on Networking, 2020, 28, 709-721.	3.8	14
63	A Distributed Model-Free Algorithm for Multi-Hop Ride-Sharing Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8595-8605.	8.0	14
64	Capacity of All Nine Models of Channel Output Feedback for the Two-User Interference Channel. IEEE Transactions on Information Theory, 2013, 59, 6957-6979.	2.4	13
65	Distributed data storage systems with opportunistic repair. , 2014, , .		13
66	Message passing in distributed wireless networks. , 2009, , .		12
67	Volume thresholds for quantum fault tolerance. Quantum Information Processing, 2010, 9, 541-549.	2.2	12
68	Bits About the Channel: Multiround Protocols for Two-Way Fading Channels. IEEE Transactions on Information Theory, 2011, 57, 3352-3370.	2.4	12
69	Datacenter net profit optimization with deadline dependent pricing. , 2012, , .		12
70	Sum Capacity of Interference Channels With a Local View: Impact of Distributed Decisions. IEEE Transactions on Information Theory, 2012, 58, 1630-1659.	2.4	12
71	A characterization of sampling patterns for low-tucker-rank tensor completion problem. , 2017, , .		12
72	Taming tail latency for erasure-coded, distributee storage systems. , 2017, , .		12

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73	Strategic Prosumers: How to Set the Prices in a Tiered Market?. IEEE Transactions on Industrial Informatics, 2019, 15, 4469-4480.	11.3	12
74	TTLoC: Taming Tail Latency for Erasure-Coded Cloud Storage Systems. IEEE Transactions on Network and Service Management, 2019, 16, 1609-1623.	4.9	12
75	A Low-Complexity Detection Algorithm for Uplink Massive MIMO Systems Based on Alternating Minimization. IEEE Wireless Communications Letters, 2019, 8, 917-920.	5.0	12
76	Transferring Dexterous Surgical Skill Knowledge between Robots for Semi-autonomous Teleoperation. , 2019, , .		12
77	Optimizing Differentiated Latency in Multi-Tenant, Erasure-Coded Storage. IEEE Transactions on Network and Service Management, 2017, 14, 204-216.	4.9	11
78	Differentiated Latency in Data Center Networks with Erasure Coded Files Through Traffic Engineering. IEEE Transactions on Cloud Computing, 2019, 7, 495-508.	4.4	11
79	Q-GADMM: Quantized Group ADMM for Communication Efficient Decentralized Machine Learning. , 2020, , .		11
80	A Multi-agent Reinforcement Learning Perspective on Distributed Traffic Engineering. , 2020, , .		11
81	Bounds and lattice-based transmission strategies for the phase-faded dirty-paper channel. IEEE Transactions on Wireless Communications, 2009, 8, 3620-3627.	9.2	10
82	Low-tubal-rank tensor completion using alternating minimization. , 2016, , .		10
83	GroupCast: Preference-Aware Cooperative Video Streaming With Scalable Video Coding. IEEE/ACM Transactions on Networking, 2019, 27, 1138-1150.	3.8	10
84	FastTrack: Minimizing Stalls for CDN-based Over-the-top Video Streaming Systems. IEEE Transactions on Cloud Computing, 2019, , 1-1.	4.4	10
85	FastScan: Robust Low-Complexity Rate Adaptation Algorithm for Video Streaming over HTTP. IEEE Transactions on Circuits and Systems for Video Technology, 2019, , 1-1.	8.3	10
86	Straggler Mitigation With Tiered Gradient Codes. IEEE Transactions on Communications, 2020, 68, 4632-4647.	7.8	10
87	A Biased Random-key Genetic Algorithm for Placement of Virtual Machines across Geo-Separated Data Centers. , 2015, , .		9
88	Multi-tenant Latency Optimization in Erasure-Coded Storage with Differentiated Services. , 2015, , .		9
89	Sprout: A Functional Caching Approach to Minimize Service Latency in Erasure-Coded Storage. , 2016, , .		9
90	GiantClient: Video HotSpot for Multi-User Streaming. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2833-2843.	8.3	9

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91	Generalization of LRU Cache Replacement Policy with Applications to Video Streaming. ACM Transactions on Modeling and Performance Evaluation of Computing Systems, 2019, 4, 1-22.	0.9	9
92	Principal component analysis with tensor train subspace. Pattern Recognition Letters, 2019, 122, 86-91.	4.2	9
93	Designing efficient communication infrastructure in post-disaster situations with limited availability of network resources. Computer Communications, 2020, 164, 54-68.	5.1	9
94	Latency Minimization for Mobile Edge Computing Networks. IEEE Transactions on Mobile Computing, 2023, 22, 2233-2247.	5.8	9
95	DESERTS: DElay-tolerant SEmi-autonomous Robot Teleoperation for Surgery. , 2021, , .		9
96	Communication Efficient Framework for Decentralized Machine Learning. , 2020, , .		9
97	On Maximizing Coverage in Gaussian Relay Networks. , 2007, , .		8
98	Performance of multiple access channels with asymmetric feedback. IEEE Journal on Selected Areas in Communications, 2008, 26, 1516-1525.	14.0	8
99	Ergodic layered erasure one-sided interference channels. , 2009, , .		8
100	On the capacity of multi-hop wireless networks with partial network knowledge. , 2010, , .		8
101	Mean latency optimization in erasure-coded distributed storage systems. , 2018, , .		8
102	TTLCache: Taming Latency in Erasure-Coded Storage Through TTL Caching. IEEE Transactions on Network and Service Management, 2020, 17, 1582-1596.	4.9	8
103	Sequential addition of coded sub-tasks for straggler mitigation. , 2020, , .		8
104	PassGoodPool: Joint Passengers and Goods Fleet Management With Reinforcement Learning Aided Pricing, Matching, and Route Planning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3866-3877.	8.0	8
105	Optimizing cloud resources for delivering IPTV services through virtualization. , 2012, , .		7
106	Renewable energy scheduling for fading channels with maximum power constraint. , 2013, , .		7
107	On the Capacity and Degrees of Freedom Regions of Two-User MIMO Interference Channels With Limited Receiver Cooperation. IEEE Transactions on Information Theory, 2014, 60, 4170-4196.	2.4	7
108	On the Capacity Regions of Two-Way Diamond Channels. IEEE Transactions on Information Theory, 2015, 61, 6060-6090.	2.4	7

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109	On the Capacity of Energy Harvesting Communication Link. IEEE Journal on Selected Areas in Communications, 2015, 33, 2671-2686.	14.0	7
110	Tensor completion via adaptive sampling of tensor fibers: Application to efficient indoor RF fingerprinting. , 2016, , .		7
111	Interference management with mismatched partial channel state information. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	2.4	7
112	Joint Energy-Bandwidth Allocation for Multiuser Channels With Cooperating Hybrid Energy Nodes. IEEE Transactions on Vehicular Technology, 2017, 66, 9880-9889.	6.3	7
113	A characterization of sampling patterns for low-rank multi-view data completion problem. , 2017, , .		7
114	Spectrum Measurement Markets for Tiered Spectrum Access. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 929-941.	7.9	7
115	Deterministic and Probabilistic Conditions for Finite Completability of Low-Tucker-Rank Tensor. IEEE Transactions on Information Theory, 2019, 65, 5380-5400.	2.4	7
116	Fundamental sampling patterns for low-rank multi-view data completion. Pattern Recognition, 2020, 103, 107307.	8.1	7
117	Post-Streaming Wastage Analysis â€" A Data Wastage Aware Framework in Mobile Video Streaming. IEEE Transactions on Mobile Computing, 2023, 22, 389-401.	5.8	7
118	A Computer Vision Approach for Estimating Lifting Load Contributors to Injury Risk. IEEE Transactions on Human-Machine Systems, 2022, 52, 207-219.	3.5	7
119	Boolean Functions, Projection Operators and Quantum Error Correcting Codes. , 2007, , .		6
120	Diversity order gain with noisy feedback in multiple access channels. , 2008, , .		6
121	Distributed universally optimal strategies for interference channels with partial message passing. , 2009, , .		6
122	On the Capacity Region and the Generalized Degrees of Freedom Region for the MIMO Interference Channel With Feedback. IEEE Transactions on Information Theory, 2013, 59, 8357-8376.	2.4	6
123	Optimal energy-bandwidth allocation for energy harvesting interference networks. , 2014, , .		6
124	Taming Latency in Data Center Networking with Erasure Coded Files. , 2015, , .		6
125	Energy Scheduling for Optical Channels With Energy Harvesting Devices. IEEE Transactions on Green Communications and Networking, 2018, 2, 154-162.	5.5	6
126	Optimal Transmission Policies for Multi-Hop Energy Harvesting Systems. IEEE Transactions on Green Communications and Networking, 2018, 2, 751-763.	5.5	6

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127	EdgeCache: An optimized algorithm for CDN-based over-the-top video streaming services. , 2018, , .		6
128	A Proximal Jacobian ADMM Approach for Fast Massive MIMO Signal Detection in Low-Latency Communications. , 2019, , .		6
129	On the Information Freshness and Tail Latency Trade-Off in Mobile Networks. , 2019, , .		6
130	Tiered Cloud Storage via Two-Stage, Latency-Aware Bidding. IEEE Transactions on Network and Service Management, 2019, 16, 176-191.	4.9	6
131	SARTRES: a semi-autonomous robot teleoperation environment for surgery. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2021, 9, 376-383.	1.9	6
132	AdaPool: A Diurnal-Adaptive Fleet Management Framework Using Model-Free Deep Reinforcement Learning and Change Point Detection. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2471-2481.	8.0	6
133	A Distributed Model-Free Ride-Sharing Algorithm with Pricing using Deep Reinforcement Learning. , 2020, , .		6
134	Improved Dexel Representation: A 3-D CNN Geometry Descriptor for Manufacturing CAD. IEEE Transactions on Industrial Informatics, 2022, 18, 5882-5892.	11.3	6
135	DUASVS: A Mobile Data Saving Strategy in Short-Form Video Streaming. IEEE Transactions on Services Computing, 2023, 16, 1066-1078.	4.6	6
136	A Grassmannian Packing Based on the Nordstrom-Robinson Code. , 2006, , .		5
137	Enhanced CDMA communications using compressed-sensing reconstruction methods. , 2009, , .		5
138	Beyond interference avoidance: Distributed sub-network scheduling in wireless networks with local views. , 2013, , .		5
139	Performance of a Random-Access Wireless Network With a Mix of Full- and Half-Duplex Stations. IEEE Communications Letters, 2013, 17, 2200-2203.	4.1	5
140	On the Symmetric K -User Interference Channels With Limited Feedback. IEEE Transactions on Information Theory, 2016, 62, 6969-6985.	2.4	5
141	QoE-Aware Resource Allocation for Small Cells. , 2018, , .		5
142	A Method to Improve Consensus Averaging using Quantized ADMM. , 2019, , .		5
143	Tiered Spectrum Measurement Markets for Joint Licensed and Unlicensed Secondary Access. IEEE Transactions on Network Science and Engineering, 2020, 7, 1295-1309.	6.4	5
144	Coded Caching With Heterogeneous User Profiles. IEEE Transactions on Information Theory, 2024, 70, 1836-1847.	2.4	5

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145	Two models for noisy feedback in MIMO channels. , 2008, , .		4
146	Maximal k-Clique Scheduling: A simple algorithm to bound maximal independent graph scheduling. , 2011, , .		4
147	A QoS-enabled holistic optimization framework for LTE-Advanced heterogeneous networks. , 2016, , .		4
148	Antenna Placement for MIMO Localization Systems With Varying Quality of Receiver Hardware Elements. IEEE Signal Processing Letters, 2016, 23, 1732-1735.	3.6	4
149	Control of charging of electric vehicles through menu-based pricing under uncertainty. , 2017, , .		4
150	An approximation of the CP-rank of a partially sampled tensor. , 2017, , .		4
151	GroupCast: Preference-aware cooperative video streaming with scalable video coding. , 2018, , .		4
152	Hybrid algorithms for placement of virtual machines across geo-separated data centers. Journal of Combinatorial Optimization, 2019, 38, 748-793.	1.3	4
153	Optimal Linear Broadcast Rates of Some Two-Sender Unicast Index Coding Problems. IEEE Transactions on Communications, 2019, 67, 3965-3977.	7.8	4
154	A Unified Framework for Flexible Playback Latency Control in Live Video Streaming. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 3024-3037.	5.6	4
155	Single-Forking of Coded Subtasks for Straggler Mitigation. IEEE/ACM Transactions on Networking, 2021, 29, 2413-2424.	3.8	4
156	Penalty Based Control Mechanism for Strategic Prosumers in a Distribution Network. Energies, 2020, 13, 452.	3.1	4
157	Mitigating macro-cell outage in LTE-Advanced deployments. , 2015, , .		3
158	Leveraging Physical-Layer Capabilites: Distributed Scheduling in Interference Networks With Local Views. IEEE/ACM Transactions on Networking, 2016, 24, 368-382.	3.8	3
159	Energy scheduling for optical channels with energy harvesting devices. , 2017, , .		3
160	Deadline and Buffer Constrained Knapsack Problem. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1564-1568.	8.3	3
161	Optimizing TCP Loss Recovery Performance Over Mobile Data Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1401-1419.	5.8	3
162	Spectral domain inverse design for accelerating nanocomposite metamaterials discovery. Optical Materials Express, 2019, 9, 4765.	3.0	3

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163	Adaptive Video Streaming With Automatic Quality-of-Experience Optimization. IEEE Transactions on Mobile Computing, 2023, 22, 4456-4470.	5.8	3
164	Information secrecy from multiple eavesdroppers in orthogonal relay channels. , 2009, , .		2
165	Normalized sum-capacity of interference networks with partial information. , 2010, , .		2
166	Sum capacity of general deterministic interference channel with channel output feedback. , 2010, , .		2
167	On the symmetric K-user linear deterministic interference channels with limited feedback. , 2014, , .		2
168	Energy harvesting communication using limited battery with efficiency. , 2015, , .		2
169	Energy-bandwidth allocation in multiple orthogonal broadcast channels with energy harvesting. , 2015, , .		2
170	Energy-subchannel allocation for energy harvesting nodes in frequency-selective channels. , 2015, , .		2
171	Inferring smartphone service quality using tensor methods. , 2016, , .		2
172	Joint Upload-Download TCP Acceleration over Mobile Data Networks. , 2017, , .		2
173	Menu-Based Pricing for Profitable Electric Vehicle Charging with Vehicle-to-Grid Service. , 2018, , .		2
174	Optimized Portfolio Contracts for Bidding the Cloud. IEEE Transactions on Services Computing, 2018, , 1-1.	4.6	2
175	Stochastic non-preemptive co-flow scheduling with time-indexed relaxation. , 2018, , .		2
176	NPSCS: Non-Preemptive Stochastic Coflow Scheduling With Time-Indexed LP Relaxation. IEEE Transactions on Network and Service Management, 2021, 18, 2377-2387.	4.9	2
177	On the DoF of twoâ€way relay networks with or without relay caching. IET Communications, 2017, 11, 2089-2094.	2.2	2
178	A Supervised Learning Approach for Robust Health Monitoring using Face Videos. , 2020, , .		2
179	Reinforcement Learning for Mean-Field Game. Algorithms, 2022, 15, 73.	2.1	2
180	Energy-Efficient and Federated Meta-Learning via Projected Stochastic Gradient Ascent. , 2021, , .		2

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181	Learning-Based Online QoE Optimization in Multi-Agent Video Streaming. Algorithms, 2022, 15, 227.	2.1	2
182	On multiple access channels with asymmetric feedback. , 2008, , .		1
183	Slotted Gaussian Multiple Access Channel: Stable Throughput Region and Role of Side Information Vaneet. Eurasip Journal on Wireless Communications and Networking, 2008, 2008, .	2.4	1
184	Engineering fault tolerance for realistic quantum systems via the full error dynamics of quantum codes. , 2009, , .		1
185	Interference networks with local view: A distributed optimization approach. , 2009, , .		1
186	How (information theoretically) optimal are distributed decisions?. , 2010, , .		1
187	On deterministic conditions for subspace clustering under missing data. , 2016, , .		1
188	Unsupervised clustering under the Union of Polyhedral Cones (UOPC) model. Pattern Recognition Letters, 2017, 100, 104-109.	4.2	1
189	The DoF of Two-Way Butterfly Networks. IEEE Communications Letters, 2017, 21, 2254-2257.	4.1	1
190	Joint energy-bandwidth allocation for multi-user channels with cooperating hybrid energy nodes. , 2017, , .		1
191	Low Complexity Algorithm for Multi-path Video Streaming. , 2018, , .		1
192	Stall-Quality Tradeoff for Cloud-based Video Streaming. , 2018, , .		1
193	Spectrum Measurement Markets for Tiered Spectrum Access. , 2018, , .		1
194	On the Optimal Broadcast Rate of the Two-Sender Unicast Index Coding Problem With Fully-Participated Interactions. IEEE Transactions on Communications, 2019, 67, 8612-8623.	7.8	1
195	Preemptive scheduling for approximate computing on heterogeneous machines: Tradeoff between weighted accuracy and makespan. Information Processing Letters, 2020, 153, 105870.	0.6	1
196	Escaping Saddle Points for Zeroth-order Non-convex Optimization using Estimated Gradient Descent. , 2020, , .		1
197	VidCloud. ACM Transactions on Modeling and Performance Evaluation of Computing Systems, 2020, 5, 1-32.	0.9	1
198	Dexterous Skill Transfer between Surgical Procedures for Teleoperated Robotic Surgery. , 2021, , .		1

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199	Preemptive scheduling on unrelated machines with fractional precedence constraints. Journal of Parallel and Distributed Computing, 2021, 157, 280-286.	4.1	1
200	Queueing Theoretic Models for Uncoded and Coded Multicast Wireless Networks With Caches. IEEE Transactions on Wireless Communications, 2022, 21, 1257-1271.	9.2	1
201	Computer Vision Algorithm to Identify High Force Exertions. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 1586-1586.	0.3	1
202	Scheduling and Power Control for Wireless Multicast Systems via Deep Reinforcement Learning. Entropy, 2021, 23, 1555.	2.2	1
203	Escaping Saddle Points for Successive Convex Approximation. IEEE Transactions on Signal Processing, 2022, 70, 307-321.	5.3	1
204	Feedback via message passing in interference channels. , 2009, , .		0
205	Practical quantum fault tolerance. , 2009, , .		0
206	Scalable geocast for vehicular networks (poster). , 2011, , .		0
207	Writing on insertion paper. , 2012, , .		0
208	Aligned precoder designs for interference channels based on chordal distance. , 2012, , .		0
209	Generalized degrees of freedom region for MIMO interference channel with feedback. , 2013, , .		0
210	Degrees of freedom region for MIMO interference channel with limited receiver cooperation. , 2013, , .		0
211	Capacity of two-way linear deterministic diamond channel. , 2015, , .		0
212	A note on information-theoretic bounds on matrix completion under union of subspaces model. , 2016, , .		0
213	Tiered Spectrum Measurement Markets for Licensed Secondary Spectrum. Static and Dynamic Game Theory: Foundations and Applications, 2019, , 165-182.	0.6	0
214	Optimal Broadcast Rate of a Class of Two-Sender Unicast Index Coding Problems. , 2019, , .		0
215	Deep Q-Learning for Chunk-based Caching in Data Processing Networks. , 2019, , .		0
216	An Embedded Index Code Construction Using Sub-packetization. , 2021, , .		0

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218	On the Approximability of Related Machine Scheduling Under Arbitrary Precedence. IEEE Transactions on Network and Service Management, 2021, 18, 3706-3718.	4.9	0
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