Vaneet Aggarwal

List of Publications by Year
in descending order

221 papers	3,470 citations	218381 26 h-index	233125 45 g-index
221 all docs	221 docs citations	221 times ranked	3086 citing authors

#	Article	IF	Citations
1	Coded Caching With Heterogeneous User Profiles. IEEE Transactions on Information Theory, 2024, 70, 1836-1847.	1.5	5
2	Post-Streaming Wastage Analysis â€" A Data Wastage Aware Framework in Mobile Video Streaming. IEEE Transactions on Mobile Computing, 2023, 22, 389-401.	3.9	7
3	Latency Minimization for Mobile Edge Computing Networks. IEEE Transactions on Mobile Computing, 2023, 22, 2233-2247.	3.9	9
4	DUASVS: A Mobile Data Saving Strategy in Short-Form Video Streaming. IEEE Transactions on Services Computing, 2023, 16, 1066-1078.	3.2	6
5	Adaptive Video Streaming With Automatic Quality-of-Experience Optimization. IEEE Transactions on Mobile Computing, 2023, 22, 4456-4470.	3.9	3
6	Joint Information Freshness and Completion Time Optimization for Vehicular Networks. IEEE Transactions on Services Computing, 2022, 15, 1118-1129.	3.2	19
7	A Distributed Model-Free Algorithm for Multi-Hop Ride-Sharing Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8595-8605.	4.7	14
8	Queueing Theoretic Models for Uncoded and Coded Multicast Wireless Networks With Caches. IEEE Transactions on Wireless Communications, 2022, 21, 1257-1271.	6.1	1
9	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.	4.7	6
10	Improved Dexel Representation: A 3-D CNN Geometry Descriptor for Manufacturing CAD. IEEE Transactions on Industrial Informatics, 2022, 18, 5882-5892.	7.2	6
11	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.	4.7	8
12	Escaping Saddle Points for Successive Convex Approximation. IEEE Transactions on Signal Processing, 2022, 70, 307-321.	3.2	1
13	Multi-Stage Hybrid Federated Learning Over Large-Scale D2D-Enabled Fog Networks. IEEE/ACM Transactions on Networking, 2022, 30, 1569-1584.	2.6	27
14	Reinforcement Learning for Mean-Field Game. Algorithms, 2022, 15, 73.	1.2	2
15	A Computer Vision Approach for Estimating Lifting Load Contributors to Injury Risk. IEEE Transactions on Human-Machine Systems, 2022, 52, 207-219.	2.5	7
16	Learning-Based Online QoE Optimization in Multi-Agent Video Streaming. Algorithms, 2022, 15, 227.	1.2	2
17	SARTRES: a semi-autonomous robot teleoperation environment for surgery. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2021, 9, 376-383.	1.3	6
18	Q-GADMM: Quantized Group ADMM for Communication Efficient Decentralized Machine Learning. IEEE Transactions on Communications, 2021, 69, 164-181.	4.9	22

#	Article	IF	Citations
19	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.	4.7	37
20	Fault-Resilience for Bandwidth Management in Industrial Software-Defined Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 3129-3139.	4.1	49
21	An Embedded Index Code Construction Using Sub-packetization. , 2021, , .		0
22	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.	4.7	45
23	NPSCS: Non-Preemptive Stochastic Coflow Scheduling With Time-Indexed LP Relaxation. IEEE Transactions on Network and Service Management, 2021, 18, 2377-2387.	3.2	2
24	Machine Learning for Communications. Entropy, 2021, 23, 831.	1.1	0
25	Tensor learning of pointwise mutual information from EHR data for early prediction of sepsis. Computers in Biology and Medicine, 2021, 134, 104430.	3.9	20
26	Dexterous Skill Transfer between Surgical Procedures for Teleoperated Robotic Surgery. , 2021, , .		1
27	On the Approximability of Related Machine Scheduling Under Arbitrary Precedence. IEEE Transactions on Network and Service Management, 2021, 18, 3706-3718.	3.2	0
28	Preemptive scheduling on unrelated machines with fractional precedence constraints. Journal of Parallel and Distributed Computing, 2021, 157, 280-286.	2.7	1
29	A Unified Framework for Flexible Playback Latency Control in Live Video Streaming. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 3024-3037.	4.0	4
30	Single-Forking of Coded Subtasks for Straggler Mitigation. IEEE/ACM Transactions on Networking, 2021, 29, 2413-2424.	2.6	4
31	DESERTS: DElay-tolerant SEmi-autonomous Robot Teleoperation for Surgery. , 2021, , .		9
32	Scheduling and Power Control for Wireless Multicast Systems via Deep Reinforcement Learning. Entropy, 2021, 23, 1555.	1.1	1
33	Stochastic Top K -Subset Bandits with Linear Space and Non-Linear Feedback with Applications to Social Influence Maximization. ACM/IMS Transactions on Data Science, 2021, 2, 1-39.	2.1	0
34	Randomized Linear Programming for Tabular Average-Cost Multi-agent Reinforcement Learning. , 2021, , .		0
35	Energy-Efficient and Federated Meta-Learning via Projected Stochastic Gradient Ascent. , 2021, , .		2
36	Optimized Preference-Aware Multi-Path Video Streaming with Scalable Video Coding. IEEE Transactions on Mobile Computing, 2020, 19, 159-172.	3.9	25

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37	Optimizing TCP Loss Recovery Performance Over Mobile Data Networks. IEEE Transactions on Mobile Computing, 2020, 19, 1401-1419.	3.9	3
38	Tiered Spectrum Measurement Markets for Joint Licensed and Unlicensed Secondary Access. IEEE Transactions on Network Science and Engineering, 2020, 7, 1295-1309.	4.1	5
39	Preemptive scheduling for approximate computing on heterogeneous machines: Tradeoff between weighted accuracy and makespan. Information Processing Letters, 2020, 153, 105870.	0.4	1
40	Deep Learning Based Approach for Identifying Conventional Machining Processes from CAD Data. Procedia Manufacturing, 2020, 48, 915-925.	1.9	19
41	Designing efficient communication infrastructure in post-disaster situations with limited availability of network resources. Computer Communications, 2020, 164, 54-68.	3.1	9
42	TTLCache: Taming Latency in Erasure-Coded Storage Through TTL Caching. IEEE Transactions on Network and Service Management, 2020, 17, 1582-1596.	3.2	8
43	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.	5.2	14
44	Sequential addition of coded sub-tasks for straggler mitigation. , 2020, , .		8
45	Straggler Mitigation With Tiered Gradient Codes. IEEE Transactions on Communications, 2020, 68, 4632-4647.	4.9	10
46	Q-GADMM: Quantized Group ADMM for Communication Efficient Decentralized Machine Learning. , 2020, , .		11
47	Escaping Saddle Points for Zeroth-order Non-convex Optimization using Estimated Gradient Descent. , 2020, , .		1
48	A computer vision approach for classifying isometric grip force exertion levels. Ergonomics, 2020, 63, 1010-1026.	1.1	18
49	Fundamental sampling patterns for low-rank multi-view data completion. Pattern Recognition, 2020, 103, 107307.	5.1	7
50	Low-Tubal-Rank Tensor Completion Using Alternating Minimization. IEEE Transactions on Information Theory, 2020, 66, 1714-1737.	1.5	51
51	Optimal Server Selection for Straggler Mitigation. IEEE/ACM Transactions on Networking, 2020, 28, 709-721.	2.6	14
52	VidCloud. ACM Transactions on Modeling and Performance Evaluation of Computing Systems, 2020, 5, 1-32.	0.8	1
53	Penalty Based Control Mechanism for Strategic Prosumers in a Distribution Network. Energies, 2020, 13, 452.	1.6	4
54	Freeway. , 2020, , .		0

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55	A Distributed Model-Free Ride-Sharing Algorithm with Pricing using Deep Reinforcement Learning. , 2020, , .		6
56	Computer Vision Algorithm to Identify High Force Exertions. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 1586-1586.	0.2	1
57	Communication Efficient Framework for Decentralized Machine Learning. , 2020, , .		9
58	A Supervised Learning Approach for Robust Health Monitoring using Face Videos. , 2020, , .		2
59	A Multi-agent Reinforcement Learning Perspective on Distributed Traffic Engineering. , 2020, , .		11
60	DeepPool: Distributed Model-Free Algorithm for Ride-Sharing Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4714-4727.	4.7	86
61	Strategic Prosumers: How to Set the Prices in a Tiered Market?. IEEE Transactions on Industrial Informatics, 2019, 15, 4469-4480.	7.2	12
62	GiantClient: Video HotSpot for Multi-User Streaming. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2833-2843.	5.6	9
63	Deterministic and Probabilistic Conditions for Finite Completability of Low-Tucker-Rank Tensor. IEEE Transactions on Information Theory, 2019, 65, 5380-5400.	1.5	7
64	GroupCast: Preference-Aware Cooperative Video Streaming With Scalable Video Coding. IEEE/ACM Transactions on Networking, 2019, 27, 1138-1150.	2.6	10
65	SmartStreamer: Preference-Aware Multipath Video Streaming Over MPTCP. IEEE Transactions on Vehicular Technology, 2019, 68, 6975-6984.	3.9	17
66	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.	0.8	9
67	A Proximal Jacobian ADMM Approach for Fast Massive MIMO Signal Detection in Low-Latency Communications. , 2019, , .		6
68	TTLoC: Taming Tail Latency for Erasure-Coded Cloud Storage Systems. IEEE Transactions on Network and Service Management, 2019, 16, 1609-1623.	3.2	12
69	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.	4.9	1
70	FastTrack: Minimizing Stalls for CDN-based Over-the-top Video Streaming Systems. IEEE Transactions on Cloud Computing, 2019, , 1-1.	3.1	10
71	FastScan: Robust Low-Complexity Rate Adaptation Algorithm for Video Streaming over HTTP. IEEE Transactions on Circuits and Systems for Video Technology, 2019, , 1-1.	5.6	10
72	Deadline and Buffer Constrained Knapsack Problem. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1564-1568.	5.6	3

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73	Hybrid algorithms for placement of virtual machines across geo-separated data centers. Journal of Combinatorial Optimization, 2019, 38, 748-793.	0.8	4
74	Optimal Linear Broadcast Rates of Some Two-Sender Unicast Index Coding Problems. IEEE Transactions on Communications, 2019, 67, 3965-3977.	4.9	4
75	Principal component analysis with tensor train subspace. Pattern Recognition Letters, 2019, 122, 86-91.	2.6	9
76	Multi-Tier Caching Analysis in CDN-Based Over-the-Top Video Streaming Systems. IEEE/ACM Transactions on Networking, 2019, 27, 835-847.	2.6	42
77	A Low-Complexity Detection Algorithm for Uplink Massive MIMO Systems Based on Alternating Minimization. IEEE Wireless Communications Letters, 2019, 8, 917-920.	3.2	12
78	Tiered Spectrum Measurement Markets for Licensed Secondary Spectrum. Static and Dynamic Game Theory: Foundations and Applications, 2019, , 165-182.	0.4	0
79	Optimal Broadcast Rate of a Class of Two-Sender Unicast Index Coding Problems. , 2019, , .		0
80	A Method to Improve Consensus Averaging using Quantized ADMM. , 2019, , .		5
81	Transferring Dexterous Surgical Skill Knowledge between Robots for Semi-autonomous Teleoperation. , 2019, , .		12
82	On the Information Freshness and Tail Latency Trade-Off in Mobile Networks. , 2019, , .		6
83	DeepChunk: Deep Q-Learning for Chunk-Based Caching in Wireless Data Processing Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 1034-1045.	4.9	14
84	Coded Caching With Distributed Storage. IEEE Transactions on Information Theory, 2019, 65, 7742-7755.	1.5	19
85	Deep Q-Learning for Chunk-based Caching in Data Processing Networks. , 2019, , .		0
86	Tiered Cloud Storage via Two-Stage, Latency-Aware Bidding. IEEE Transactions on Network and Service Management, 2019, 16, 176-191.	3.2	6
87	Differentiated Latency in Data Center Networks with Erasure Coded Files Through Traffic Engineering. IEEE Transactions on Cloud Computing, 2019, 7, 495-508.	3.1	11
88	Spectral domain inverse design for accelerating nanocomposite metamaterials discovery. Optical Materials Express, 2019, 9, 4765.	1.6	3
89	Energy Scheduling for Optical Channels With Energy Harvesting Devices. IEEE Transactions on Green Communications and Networking, 2018, 2, 154-162.	3.5	6
90	On Deterministic Sampling Patterns for Robust Low-Rank Matrix Completion. IEEE Signal Processing Letters, 2018, 25, 343-347.	2.1	15

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91	Differentiated service policy in smart warehouse automation. International Journal of Production Research, 2018, 56, 6956-6970.	4.9	38
92	Tensor Train Neighborhood Preserving Embedding. IEEE Transactions on Signal Processing, 2018, 66, 2724-2732.	3.2	23
93	Optimal Transmission Policies for Multi-Hop Energy Harvesting Systems. IEEE Transactions on Green Communications and Networking, 2018, 2, 751-763.	3.5	6
94	Control of Charging of Electric Vehicles Through Menu-Based Pricing. IEEE Transactions on Smart Grid, 2018, 9, 5918-5929.	6.2	72
95	QoE-Aware Resource Allocation for Small Cells. , 2018, , .		5
96	Low Complexity Algorithm for Multi-path Video Streaming. , 2018, , .		1
97	Stall-Quality Tradeoff for Cloud-based Video Streaming. , 2018, , .		1
98	Menu-Based Pricing for Profitable Electric Vehicle Charging with Vehicle-to-Grid Service. , 2018, , .		2
99	Wide Compression: Tensor Ring Nets. , 2018, , .		28
100	Optimized Portfolio Contracts for Bidding the Cloud. IEEE Transactions on Services Computing, 2018, , 1-1.	3.2	2
101	Spectrum Measurement Markets for Tiered Spectrum Access. , 2018, , .		1
102	Spectrum Measurement Markets for Tiered Spectrum Access. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 929-941.	4.9	7
103	Menu-Based Pricing for Charging of Electric Vehicles With Vehicle-to-Grid Service. IEEE Transactions on Vehicular Technology, 2018, 67, 10268-10280.	3.9	42
104	LBP: Robust Rate Adaptation Algorithm for SVC Video Streaming. IEEE/ACM Transactions on Networking, 2018, 26, 1633-1645.	2.6	40
105	GroupCast: Preference-aware cooperative video streaming with scalable video coding. , 2018, , .		4
106	Stochastic non-preemptive co-flow scheduling with time-indexed relaxation. , 2018, , .		2
107	Mean latency optimization in erasure-coded distributed storage systems. , 2018, , .		8
108	Video Streaming in Distributed Erasure-Coded Storage Systems: Stall Duration Analysis. IEEE/ACM Transactions on Networking, 2018, 26, 1921-1932.	2.6	19

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109	EdgeCache: An optimized algorithm for CDN-based over-the-top video streaming services. , 2018, , .		6
110	Family of Constrained Codes for Archival DNA Data Storage. IEEE Communications Letters, 2018, 22, 1972-1975.	2.5	41
111	Optimizing Differentiated Latency in Multi-Tenant, Erasure-Coded Storage. IEEE Transactions on Network and Service Management, 2017, 14, 204-216.	3.2	11
112	Sprout: A Functional Caching Approach to Minimize Service Latency in Erasure-Coded Storage. IEEE/ACM Transactions on Networking, 2017, 25, 3683-3694.	2.6	31
113	A characterization of sampling patterns for low-tucker-rank tensor completion problem. , 2017, , .		12
114	Control of charging of electric vehicles through menu-based pricing under uncertainty. , 2017, , .		4
115	Interference management with mismatched partial channel state information. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	7
116	Unsupervised clustering under the Union of Polyhedral Cones (UOPC) model. Pattern Recognition Letters, 2017, 100, 104-109.	2.6	1
117	The DoF of Two-Way Butterfly Networks. IEEE Communications Letters, 2017, 21, 2254-2257.	2.5	1
118	Joint Upload-Download TCP Acceleration over Mobile Data Networks. , 2017, , .		2
119	Joint Energy-Bandwidth Allocation for Multiuser Channels With Cooperating Hybrid Energy Nodes. IEEE Transactions on Vehicular Technology, 2017, 66, 9880-9889.	3.9	7
120	Taming tail latency for erasure-coded, distributee storage systems. , 2017, , .		12
121	Efficient Low Rank Tensor Ring Completion. , 2017, , .		95
122	Energy scheduling for optical channels with energy harvesting devices. , 2017, , .		3
123	A characterization of sampling patterns for low-rank multi-view data completion problem. , 2017, , .		7
124	An approximation of the CP-rank of a partially sampled tensor. , 2017, , .		4
125	Joint energy-bandwidth allocation for multi-user channels with cooperating hybrid energy nodes. , 2017, , .		1
126	On the DoF of two‑way relay networks with or without relay caching. IET Communications, 2017, 11, 2089-2094.	1.5	2

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127	Inferring smartphone service quality using tensor methods. , 2016, , .		2
128	A note on information-theoretic bounds on matrix completion under union of subspaces model. , 2016, , .		0
129	Tensor completion via adaptive sampling of tensor fibers: Application to efficient indoor RF fingerprinting. , 2016, , .		7
130	On the Symmetric K -User Interference Channels With Limited Feedback. IEEE Transactions on Information Theory, 2016, 62, 6969-6985.	1.5	5
131	Optimal Energy-Bandwidth Allocation for Energy-Harvesting Networks in Multiuser Fading Channels. IEEE Journal on Selected Areas in Communications, 2016, 34, 1565-1577.	9.7	15
132	Sprout: A Functional Caching Approach to Minimize Service Latency in Erasure-Coded Storage. , 2016, , .		9
133	A QoS-enabled holistic optimization framework for LTE-Advanced heterogeneous networks. , 2016, , .		4
134	Antenna Placement for MIMO Localization Systems With Varying Quality of Receiver Hardware Elements. IEEE Signal Processing Letters, 2016, 23, 1732-1735.	2.1	4
135	On deterministic conditions for subspace clustering under missing data. , 2016, , .		1
136	Low-tubal-rank tensor completion using alternating minimization. , 2016, , .		10
137	Adaptive Sampling of RF Fingerprints for Fine-Grained Indoor Localization. IEEE Transactions on Mobile Computing, 2016, 15, 2411-2423.	3.9	70
138	Transmission With Energy Harvesting Nodes in Frequency-Selective Fading Channels. IEEE Transactions on Wireless Communications, 2016, 15, 1642-1656.	6.1	15
139	Joint Latency and Cost Optimization for Erasure-Coded Data Center Storage. IEEE/ACM Transactions on Networking, 2016, 24, 2443-2457.	2.6	59
140	Exploiting Mobility in Proportional Fair Cellular Scheduling: Measurements and Algorithms. IEEE/ACM Transactions on Networking, 2016, 24, 355-367.	2.6	54
141	Leveraging Physical-Layer Capabilites: Distributed Scheduling in Interference Networks With Local Views. IEEE/ACM Transactions on Networking, 2016, 24, 368-382.	2.6	3
142	Mitigating macro-cell outage in LTE-Advanced deployments. , 2015, , .		3
143	Energy harvesting communication using limited battery with efficiency. , 2015, , .		2
144	Energy-bandwidth allocation in multiple orthogonal broadcast channels with energy harvesting. , 2015, , .		2

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145	Capacity of two-way linear deterministic diamond channel. , 2015, , .		0
146	Iterative Dynamic Water-Filling for Fading Multiple-Access Channels With Energy Harvesting. IEEE Journal on Selected Areas in Communications, 2015, 33, 382-395.	9.7	110
147	Layered Exact-Repair Regenerating Codes via Embedded Error Correction and Block Designs. IEEE Transactions on Information Theory, 2015, 61, 1933-1947.	1.5	53
148	On the Capacity Regions of Two-Way Diamond Channels. IEEE Transactions on Information Theory, 2015, 61, 6060-6090.	1.5	7
149	Joint Energy-Bandwidth Allocation in Multiple Broadcast Channels With Energy Harvesting. IEEE Transactions on Communications, 2015, 63, 3842-3855.	4.9	17
150	Energy-subchannel allocation for energy harvesting nodes in frequency-selective channels. , 2015, , .		2
151	A Biased Random-key Genetic Algorithm for Placement of Virtual Machines across Geo-Separated Data Centers. , 2015, , .		9
152	Taming Latency in Data Center Networking with Erasure Coded Files. , 2015, , .		6
153	Multi-tenant Latency Optimization in Erasure-Coded Storage with Differentiated Services. , 2015, , .		9
154	On the Capacity of Energy Harvesting Communication Link. IEEE Journal on Selected Areas in Communications, 2015, 33, 2671-2686.	9.7	7
155	Joint latency and cost optimization for erasurecoded data center storage. Performance Evaluation Review, 2014, 42, 3-14.	0.4	38
156	On the symmetric K-user linear deterministic interference channels with limited feedback. , 2014, , .		2
157	Modeling web quality-of-experience on cellular networks. , 2014, , .		85
158	Optimal energy-bandwidth allocation for energy harvesting interference networks. , 2014, , .		6
159	Power Allocation for Energy Harvesting Transmitter With Causal Information. IEEE Transactions on Communications, 2014, 62, 4080-4093.	4.9	36
160	Distributed data storage systems with opportunistic repair. , 2014, , .		13
161	Design and Characterization of a Full-Duplex Multiantenna System for WiFi Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 1160-1177.	3.9	460
162	Exploiting mobility in proportional fair cellular scheduling: Measurements and algorithms. , 2014, , .		31

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163	Prometheus. , 2014, , .		96
164	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.	1.5	7
165	Modeling Heavy Tails in Traffic Sources for Network Performance Evaluation. Advances in Intelligent Systems and Computing, 2014, , 23-44.	0.5	16
166	Renewable energy scheduling for fading channels with maximum power constraint. , 2013, , .		7
167	Beyond interference avoidance: Distributed sub-network scheduling in wireless networks with local views. , 2013, , .		5
168	Performance of a Random-Access Wireless Network With a Mix of Full- and Half-Duplex Stations. IEEE Communications Letters, 2013, 17, 2200-2203.	2.5	5
169	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.	1.5	6
170	Optimizing Cloud Resources for Delivering IPTV Services Through Virtualization. IEEE Transactions on Multimedia, 2013, 15, 789-801.	5.2	37
171	Diazinonâ€"Chemistry and Environmental Fate: A California Perspective. Reviews of Environmental Contamination and Toxicology, 2013, 223, 107-140.	0.7	35
172	Capacity of All Nine Models of Channel Output Feedback for the Two-User Interference Channel. IEEE Transactions on Information Theory, 2013, 59, 6957-6979.	1.5	13
173	Exact-repair regenerating codes via layered erasure correction and block designs. , 2013, , .		24
174	Generalized degrees of freedom region for MIMO interference channel with feedback. , 2013, , .		0
175	Degrees of freedom region for MIMO interference channel with limited receiver cooperation. , 2013, , .		0
176	Datacenter net profit optimization with deadline dependent pricing. , 2012, , .		12
177	Writing on insertion paper. , 2012, , .		0
178	Optimizing cloud resources for delivering IPTV services through virtualization. , 2012, , .		7
179	Aligned precoder designs for interference channels based on chordal distance. , 2012, , .		0
180	Full- or half-duplex? A capacity analysis with bounded radio resources. , 2012, , .		40

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182	Scalable geocast for vehicular networks (poster). , 2011, , .		0
183	Exploiting virtualization for delivering cloud-based IPTV services. , 2011, , .		23
184	Characterizing fairness for 3G wireless networks. , 2011, , .		14
185	Maximal k-Clique Scheduling: A simple algorithm to bound maximal independent graph scheduling. , 2011, , .		4
186	The Effect of Eavesdroppers on Network Connectivity: A Secrecy Graph Approach. IEEE Transactions on Information Forensics and Security, 2011, 6, 712-724.	4.5	26
187	On Achieving Local View Capacity Via Maximal Independent Graph Scheduling. IEEE Transactions on Information Theory, 2011, 57, 2711-2729.	1.5	52
188	Bits About the Channel: Multiround Protocols for Two-Way Fading Channels. IEEE Transactions on Information Theory, 2011, 57, 3352-3370.	1.5	12
189	Volume thresholds for quantum fault tolerance. Quantum Information Processing, 2010, 9, 541-549.	1.0	12
190	Power-Controlled Feedback and Training for Two-Way MIMO Channels. IEEE Transactions on Information Theory, 2010, 56, 3310-3331.	1.5	15
191	Modeling location uncertainty for eavesdroppers: A secrecy graph approach. , 2010, , .		39
192	On the capacity of multi-hop wireless networks with partial network knowledge. , 2010, , .		8
193	How (information theoretically) optimal are distributed decisions?. , 2010, , .		1
194	Normalized sum-capacity of interference networks with partial information. , 2010, , .		2
195	Sum capacity of general deterministic interference channel with channel output feedback. , 2010, , .		2
196	On channel output feedback in deterministic interference channels. , 2009, , .		24
197	Enhanced CDMA communications using compressed-sensing reconstruction methods. , 2009, , .		5
198	Wiretap channel type II with an active eavesdropper. , 2009, , .		29

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199	Engineering fault tolerance for realistic quantum systems via the full error dynamics of quantum codes. , 2009, , .		1
200	Information secrecy from multiple eavesdroppers in orthogonal relay channels. , 2009, , .		2
201	Interference networks with local view: A distributed optimization approach. , 2009, , .		1
202	Distributed universally optimal strategies for interference channels with partial message passing. , 2009, , .		6
203	Bounds and lattice-based transmission strategies for the phase-faded dirty-paper channel. IEEE Transactions on Wireless Communications, 2009, 8, 3620-3627.	6.1	10
204	The effectiveness of intelligent scheduling for multicast video-on-demand. , 2009, , .		24
205	On Maximizing Coverage in Gaussian Relay Channels. IEEE Transactions on Information Theory, 2009, 55, 2518-2536.	1.5	37
206	Feedback via message passing in interference channels. , 2009, , .		0
207	Secrecy capacity of a class of orthogonal relay eavesdropper channels. , 2009, , .		37
208	Ergodic layered erasure one-sided interference channels. , 2009, , .		8
209	Message passing in distributed wireless networks. , 2009, , .		12
210	Practical quantum fault tolerance. , 2009, , .		0
211	Secrecy Capacity of a Class of Orthogonal Relay Eavesdropper Channels. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	1.5	28
212	Boolean Functions, Projection Operators, and Quantum Error Correcting Codes. IEEE Transactions on Information Theory, 2008, 54, 1700-1707.	1.5	19
213	Performance of multiple access channels with asymmetric feedback. IEEE Journal on Selected Areas in Communications, 2008, 26, 1516-1525.	9.7	8
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216	Diversity order gain with noisy feedback in multiple access channels. , 2008, , .		6

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218	Boolean Functions, Projection Operators and Quantum Error Correcting Codes. , 2007, , .		6
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