

Sang-Woon Jeon

List of Publications by Year in descending order

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papers

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times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Many-Objective Job-Shop Scheduling: A Multiple Populations for Multiple Objectives-Based Genetic Algorithm Approach. IEEE Transactions on Cybernetics, 2023, 53, 1460-1474.	9.5	24
2	Distributed and Expensive Evolutionary Constrained Optimization With On-Demand Evaluation. IEEE Transactions on Evolutionary Computation, 2023, 27, 671-685.	10.0	17
3	Dynamic Multichannel Access via Multi-Agent Reinforcement Learning: Throughput and Fairness Guarantees. IEEE Transactions on Wireless Communications, 2022, 21, 3994-4008.	9.2	4
4	Stochastic Cognitive Dominance Leading Particle Swarm Optimization for Multimodal Problems. Mathematics, 2022, 10, 761.	2.2	25
5	A Dimension Group-Based Comprehensive Elite Learning Swarm Optimizer for Large-Scale Optimization. Mathematics, 2022, 10, 1072.	2.2	18
6	Stochastic Triad Topology Based Particle Swarm Optimization for Global Numerical Optimization. Mathematics, 2022, 10, 1032.	2.2	21
7	Predominant Cognitive Learning Particle Swarm Optimization for Global Numerical Optimization. Mathematics, 2022, 10, 1620.	2.2	19
8	Online Estimation and Adaptation for Random Access with Successive Interference Cancellation. IEEE Transactions on Mobile Computing, 2022, , 1-1.	5.8	2
9	Joint Optimization of 3D Hybrid Beamforming and User Scheduling for 2D Planar Antenna Systems. , 2021, , .		10
10	An Adaptive Covariance Scaling Estimation of Distribution Algorithm. Mathematics, 2021, 9, 3207.	2.2	24
11	Online Estimation and Adaptation for Random Access with Successive Interference Cancellation. , 2020, , .		6
12	Optimal Trajectory for Curvature-Constrained UAV Mobile Base Stations. IEEE Wireless Communications Letters, 2020, , 1-1.	5.0	6
13	On Cooperative Achievable Rates of UAV Assisted Cellular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 9882-9895.	6.3	10
14	Two-Stage Interference Cancellation for Device-to-Device Caching Networks. Sensors, 2020, 20, 780.	3.8	0
15	Efficient Resource Allocation for IoT Cellular Networks in the Presence of Inter-Band Interference. IEEE Transactions on Communications, 2019, 67, 4299-4308.	7.8	13
16	Interference Coordination for Heterogeneous Users in Asynchronous Fog Radio Access Networks. IEEE Wireless Communications Letters, 2019, 8, 1064-1068.	5.0	3
17	How to Cache in Mobile Hybrid IoT Networks?. IEEE Access, 2019, 7, 27814-27828.	4.2	12
18	Cache-Enabled Interference Cancellation for Wireless Device-to-Device Caching Networks. , 2019, , .		0

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19	Spatially Modulated Integer-Forcing Transceivers With Practical Binary Codes. IEEE Transactions on Wireless Communications, 2019, 18, 5542-5556.	9.2	5
20	Predictive Caching via Learning Temporal Distribution of Content Requests. IEEE Communications Letters, 2019, 23, 2335-2339.	4.1	9
21	Adaptive Analog Function Computation via Fading Multiple-Access Channels. IEEE Communications Letters, 2018, 22, 213-216.	4.1	6
22	Optimal Power Splitting for Simultaneous Wireless Information and Power Transfer in Amplify-and-Forward Multiple-Relay Systems. IEEE Access, 2018, 6, 3459-3468.	4.2	18
23	Degrees of Freedom of Full-Duplex Multiantenna Cellular Networks. IEEE Transactions on Wireless Communications, 2018, 17, 982-995.	9.2	12
24	Interference Management for In-Band Full-Duplex Vehicular Access Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 1820-1824.	6.3	21
25	Sub-Band and Power Allocation for IoT Cellular Networks in the Presence of Inter-Band Interference. , 2018, , .		2
26	Blind Interference Alignment for the γ -User MISO BC Under Limited Symbol Extension. IEEE Transactions on Signal Processing, 2018, 66, 2861-2875.	5.3	8
27	Joint Optimization of Multiple-Relay Amplify-and-Forward Systems Based on Simultaneous Wireless Information and Power Transfer. , 2018, , .		5
28	Wireless Multihop Device-to-Device Caching Networks. IEEE Transactions on Information Theory, 2017, 63, 1662-1676.	2.4	48
29	Elastic Routing in Ad Hoc Networks with Directional Antennas. IEEE Transactions on Mobile Computing, 2017, 16, 3334-3346.	5.8	8
30	The Feasibility of Interference Alignment for MIMO Interfering Broadcast Multiple-Access Channels. IEEE Transactions on Wireless Communications, 2017, 16, 4614-4625.	9.2	15
31	Two-Stage Interference Management for Multicell Multiantenna Cellular Downlink Systems. IEEE Communications Letters, 2017, 21, 1807-1810.	4.1	3
32	Degrees of Freedom of Full-Duplex Cellular Networks With Reconfigurable Antennas at Base Station. IEEE Transactions on Wireless Communications, 2017, 16, 2314-2326.	9.2	16
33	Successive Interference Cancellation With Feedback for Random Access Networks. IEEE Communications Letters, 2017, 21, 825-828.	4.1	8
34	Linear Degrees of Freedom of MIMO Broadcast Channels With Reconfigurable Antennas in the Absence of CSIT. IEEE Transactions on Information Theory, 2017, 63, 320-335.	2.4	11
35	Caching in mobile HetNets: A throughput-delay trade-off perspective. , 2016, , .		3
36	Cellular-Aided Device-to-Device Communication: The Benefit of Physical Layer Network Coding. IEEE Communications Letters, 2016, 20, 2324-2327.	4.1	8

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37	Fundamental Limits of Spectrum Sharing Full-Duplex Multicell Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 3048-3061.	14.0	19
38	Opportunistic Function Computation for Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2016, 15, 4045-4059.	9.2	24
39	Degrees of Freedom of Uplink-Downlink Multiantenna Cellular Networks. IEEE Transactions on Information Theory, 2016, 62, 4589-4603.	2.4	17
40	Degrees of Freedom of Millimeter Wave Full-Duplex Systems With Partial CSIT. IEEE Communications Letters, 2016, 20, 1042-1045.	4.1	15
41	Degrees of freedom of full-duplex multiantenna cellular networks. , 2015, , .		17
42	Opportunistic Interference Alignment for Random Access Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5947-5954.	6.3	8
43	Low Complexity Zeroforcing Precoder Design Under Per-Antenna Power Constraints. IEEE Communications Letters, 2015, 19, 1556-1559.	4.1	9
44	The Feasibility of Interference Alignment for Full-Duplex MIMO Cellular Networks. IEEE Communications Letters, 2015, 19, 1500-1503.	4.1	28
45	Interactive Computation of Type-Threshold Functions in Collocated Gaussian Networks. IEEE Transactions on Information Theory, 2015, 61, 4765-4775.	2.4	5
46	Opportunistic Noisy Network Coding for Fading Relay Networks Without CSIT. IEEE Transactions on Wireless Communications, 2015, 14, 6097-6110.	9.2	0
47	On the degrees of freedom of multiantenna interfering broadcast channels. , 2014, , .		1
48	Degrees of freedom of uplink-downlink multiantenna cellular networks. , 2014, , .		10
49	Capacity Scaling of Cognitive Networks: Beyond Interference-Limited Communication. IEEE Transactions on Information Theory, 2014, 60, 7824-7840.	2.4	6
50	Computation Over Gaussian Networks With Orthogonal Components. IEEE Transactions on Information Theory, 2014, 60, 7841-7861.	2.4	20
51	Approximate Ergodic Capacity of a Class of Fading Two-User Two-Hop Networks. IEEE Transactions on Information Theory, 2014, 60, 866-880.	2.4	10
52	Fully Distributed Algorithms for Minimum Delay Routing Under Heavy Traffic. IEEE Transactions on Mobile Computing, 2014, 13, 1048-1060.	5.8	10
53	A huge challenge with directional antennas: Elastic routing. , 2014, , .		0
54	Capacity of a Class of Linear Binary Field Multisource Relay Networks. IEEE Transactions on Information Theory, 2013, 59, 6405-6420.	2.4	15

#	ARTICLE	IF	CITATIONS
55	Computation over Gaussian networks with orthogonal components. , 2013, , .		3
56	Capacity scaling of cognitive networks: Beyond interference-limited communication. , 2013, , .		4
57	Multi-round computation of type-threshold functions in collocated Gaussian networks. , 2013, , .		3
58	A Survey on Interference Networks: Interference Alignment and Neutralization. Entropy, 2012, 14, 1842-1863.	2.2	28
59	Approximate ergodic capacity of a class of fading 2 × 2 × 2 Networks. , 2012, , .		1
60	Approximate ergodic capacity of a class of fading 2-user 2-hop networks. , 2012, , .		6
61	Cooperative Relaying for the Rank-Deficient MIMO Relay Interference Channel. IEEE Communications Letters, 2012, 16, 9-11.	4.1	10
62	Aligned Interference Neutralization and the Degrees of Freedom of the 2×2 Interference Channel. IEEE Transactions on Information Theory, 2012, 58, 4381-4395.	2.4	163
63	Degrees of Freedom Region of a Class of Multisource Gaussian Relay Networks. IEEE Transactions on Information Theory, 2011, 57, 3032-3044.	2.4	49
64	Rate Enhancement for the Gaussian Z-Interference Channel with Transmitter Cooperation. IEEE Communications Letters, 2010, 14, 821-823.	4.1	3
65	Improved throughput scaling in wireless ad hoc networks with infrastructure. , 2008, , .		0