

Sang-Woon Jeon

List of Publications by Year in descending order

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65
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Aligned Interference Neutralization and the Degrees of Freedom of the 2-User Interference Channel. IEEE Transactions on Information Theory, 2012, 58, 4381-4395.	2.4	163
2	Degrees of Freedom Region of a Class of Multisource Gaussian Relay Networks. IEEE Transactions on Information Theory, 2011, 57, 3032-3044.	2.4	49
3	Wireless Multihop Device-to-Device Caching Networks. IEEE Transactions on Information Theory, 2017, 63, 1662-1676.	2.4	48
4	A Survey on Interference Networks: Interference Alignment and Neutralization. Entropy, 2012, 14, 1842-1863.	2.2	28
5	The Feasibility of Interference Alignment for Full-Duplex MIMO Cellular Networks. IEEE Communications Letters, 2015, 19, 1500-1503.	4.1	28
6	Stochastic Cognitive Dominance Leading Particle Swarm Optimization for Multimodal Problems. Mathematics, 2022, 10, 761.	2.2	25
7	Opportunistic Function Computation for Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2016, 15, 4045-4059.	9.2	24
8	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
9	An Adaptive Covariance Scaling Estimation of Distribution Algorithm. Mathematics, 2021, 9, 3207.	2.2	24
10	Interference Management for In-Band Full-Duplex Vehicular Access Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 1820-1824.	6.3	21
11	Stochastic Triad Topology Based Particle Swarm Optimization for Global Numerical Optimization. Mathematics, 2022, 10, 1032.	2.2	21
12	Computation Over Gaussian Networks With Orthogonal Components. IEEE Transactions on Information Theory, 2014, 60, 7841-7861.	2.4	20
13	Fundamental Limits of Spectrum Sharing Full-Duplex Multicell Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 3048-3061.	14.0	19
14	Predominant Cognitive Learning Particle Swarm Optimization for Global Numerical Optimization. Mathematics, 2022, 10, 1620.	2.2	19
15	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
16	A Dimension Group-Based Comprehensive Elite Learning Swarm Optimizer for Large-Scale Optimization. Mathematics, 2022, 10, 1072.	2.2	18
17	Degrees of freedom of full-duplex multiantenna cellular networks. , 2015, , .		17
18	Degrees of Freedom of Uplink-Downlink Multiantenna Cellular Networks. IEEE Transactions on Information Theory, 2016, 62, 4589-4603.	2.4	17

#	ARTICLE	IF	CITATIONS
19	Distributed and Expensive Evolutionary Constrained Optimization With On-Demand Evaluation. IEEE Transactions on Evolutionary Computation, 2023, 27, 671-685.	10.0	17
20	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
21	Capacity of a Class of Linear Binary Field Multisource Relay Networks. IEEE Transactions on Information Theory, 2013, 59, 6405-6420.	2.4	15
22	Degrees of Freedom of Millimeter Wave Full-Duplex Systems With Partial CSIT. IEEE Communications Letters, 2016, 20, 1042-1045.	4.1	15
23	The Feasibility of Interference Alignment for MIMO Interfering Broadcast Multiple-Access Channels. IEEE Transactions on Wireless Communications, 2017, 16, 4614-4625.	9.2	15
24	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
25	Degrees of Freedom of Full-Duplex Multiantenna Cellular Networks. IEEE Transactions on Wireless Communications, 2018, 17, 982-995.	9.2	12
26	How to Cache in Mobile Hybrid IoT Networks?. IEEE Access, 2019, 7, 27814-27828.	4.2	12
27	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
28	Cooperative Relaying for the Rank-Deficient MIMO Relay Interference Channel. IEEE Communications Letters, 2012, 16, 9-11.	4.1	10
29	Degrees of freedom of uplink-downlink multiantenna cellular networks. , 2014, , .		10
30	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
31	Fully Distributed Algorithms for Minimum Delay Routing Under Heavy Traffic. IEEE Transactions on Mobile Computing, 2014, 13, 1048-1060.	5.8	10
32	On Cooperative Achievable Rates of UAV Assisted Cellular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 9882-9895.	6.3	10
33	Joint Optimization of 3D Hybrid Beamforming and User Scheduling for 2D Planar Antenna Systems. , 2021, , .		10
34	Low Complexity Zeroforcing Precoder Design Under Per-Antenna Power Constraints. IEEE Communications Letters, 2015, 19, 1556-1559.	4.1	9
35	Predictive Caching via Learning Temporal Distribution of Content Requests. IEEE Communications Letters, 2019, 23, 2335-2339.	4.1	9
36	Opportunistic Interference Alignment for Random Access Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5947-5954.	6.3	8

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37	Cellular-Aided Device-to-Device Communication: The Benefit of Physical Layer Network Coding. IEEE Communications Letters, 2016, 20, 2324-2327.	4.1	8
38	Elastic Routing in Ad Hoc Networks with Directional Antennas. IEEE Transactions on Mobile Computing, 2017, 16, 3334-3346.	5.8	8
39	Successive Interference Cancellation With Feedback for Random Access Networks. IEEE Communications Letters, 2017, 21, 825-828.	4.1	8
40	Blind Interference Alignment for the β -K User MISO BC Under Limited Symbol Extension. IEEE Transactions on Signal Processing, 2018, 66, 2861-2875.	5.3	8
41	Approximate ergodic capacity of a class of fading 2-user 2-hop networks. , 2012, , .		6
42	Capacity Scaling of Cognitive Networks: Beyond Interference-Limited Communication. IEEE Transactions on Information Theory, 2014, 60, 7824-7840.	2.4	6
43	Adaptive Analog Function Computation via Fading Multiple-Access Channels. IEEE Communications Letters, 2018, 22, 213-216.	4.1	6
44	Online Estimation and Adaptation for Random Access with Successive Interference Cancellation. , 2020, , .		6
45	Optimal Trajectory for Curvature-Constrained UAV Mobile Base Stations. IEEE Wireless Communications Letters, 2020, , 1-1.	5.0	6
46	Interactive Computation of Type-Threshold Functions in Collocated Gaussian Networks. IEEE Transactions on Information Theory, 2015, 61, 4765-4775.	2.4	5
47	Joint Optimization of Multiple-Relay Amplify-and-Forward Systems Based on Simultaneous Wireless Information and Power Transfer. , 2018, , .		5
48	Spatially Modulated Integer-Forcing Transceivers With Practical Binary Codes. IEEE Transactions on Wireless Communications, 2019, 18, 5542-5556.	9.2	5
49	Capacity scaling of cognitive networks: Beyond interference-limited communication. , 2013, , .		4
50	Dynamic Multichannel Access via Multi-Agent Reinforcement Learning: Throughput and Fairness Guarantees. IEEE Transactions on Wireless Communications, 2022, 21, 3994-4008.	9.2	4
51	Rate Enhancement for the Gaussian Z-Interference Channel with Transmitter Cooperation. IEEE Communications Letters, 2010, 14, 821-823.	4.1	3
52	Computation over Gaussian networks with orthogonal components. , 2013, , .		3
53	Multi-round computation of type-threshold functions in collocated Gaussian networks. , 2013, , .		3
54	Caching in mobile HetNets: A throughput-delay trade-off perspective. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
55	Two-Stage Interference Management for Multicell Multiantenna Cellular Downlink Systems. IEEE Communications Letters, 2017, 21, 1807-1810.	4.1	3
56	Interference Coordination for Heterogeneous Users in Asynchronous Fog Radio Access Networks. IEEE Wireless Communications Letters, 2019, 8, 1064-1068.	5.0	3
57	Sub-Band and Power Allocation for IoT Cellular Networks in the Presence of Inter-Band Interference. , 2018, , .		2
58	Online Estimation and Adaptation for Random Access with Successive Interference Cancellation. IEEE Transactions on Mobile Computing, 2022, , 1-1.	5.8	2
59	Approximate ergodic capacity of a class of fading 2 × 2 × 2 Networks. , 2012, , .		1
60	On the degrees of freedom of multiantenna interfering broadcast channels. , 2014, , .		1
61	Improved throughput scaling in wireless ad hoc networks with infrastructure. , 2008, , .		0
62	A huge challenge with directional antennas: Elastic routing. , 2014, , .		0
63	Opportunistic Noisy Network Coding for Fading Relay Networks Without CSIT. IEEE Transactions on Wireless Communications, 2015, 14, 6097-6110.	9.2	0
64	Cache-Enabled Interference Cancellation for Wireless Device-to-Device Caching Networks. , 2019, , .		0
65	Two-Stage Interference Cancellation for Device-to-Device Caching Networks. Sensors, 2020, 20, 780.	3.8	0