

Zygmunt J Haas

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.

40
papers

441
citations

12
h-index

19
g-index

46
ext. papers

574
ext. citations

4.9
avg, IF

4.2
L-index

#	Paper	IF	Citations
40	Optimal Capacity Sizing for Completely Green Charging Systems for Electric Vehicles. <i>IEEE Transactions on Transportation Electrification</i> , 2017 , 3, 565-577	7.6	50
39	Energy-Efficient Protocol for Cooperative Networks. <i>IEEE/ACM Transactions on Networking</i> , 2011 , 19, 561-574	3.8	48
38	Optimal Sequential Paging in Cellular Wireless Networks. <i>Wireless Networks</i> , 2004 , 10, 121-131	2.5	45
37	Resource Allocation for Multicell Device-to-Device Communications Underlying 5G Networks: A Game-Theoretic Mechanism With Incomplete Information. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 2557-2570	6.8	36
36	Coverage and connectivity in three-dimensional underwater sensor networks. <i>Wireless Communications and Mobile Computing</i> , 2008 , 8, 995-1009	1.9	33
35	A Stochastic Model for Chain Collisions of Vehicles Equipped With Vehicular Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2012 , 13, 503-518	6.1	30
34	Simple, Practical, and Effective Opportunistic Routing for Short-Haul Multi-Hop Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 3583-3588	9.6	16
33	An algorithm for prediction of link lifetime in MANET based on unscented kalman filter. <i>IEEE Communications Letters</i> , 2009 , 13, 782-784	3.8	16
32	Encoded Sensing for Energy Efficient Wireless Sensor Networks. <i>IEEE Sensors Journal</i> , 2018 , 18, 875-889	4	14
31	Relay Placement in Wireless Networks: Minimizing Communication Cost. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 3587-3602	9.6	14
30	Cluster-based cooperative communication with network coding in wireless networks 2010 ,		13
29	Multi-RIS-Aided Wireless Systems: Statistical Characterization and Performance Analysis. <i>IEEE Transactions on Communications</i> , 2021 , 69, 8641-8658	6.9	12
28	Secrecy Rate of Cooperative MIMO in the Presence of a Location Constrained Eavesdropper. <i>IEEE Transactions on Communications</i> , 2019 , 67, 1356-1370	6.9	11
27	Hybrid Location-Update Scheme for Mobile Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 338-348	6.8	10
26	On the scalability and capacity of planar wireless networks with omnidirectional antennas. <i>Wireless Communications and Mobile Computing</i> , 2004 , 4, 263-279	1.9	10
25	Towards Optimal Broadcast in Wireless Networks. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 1530-1544	4.65	448
24	On Residual Path Lifetime in Mobile Networks. <i>IEEE Communications Letters</i> , 2016 , 20, 582-585	3.8	6

23	Interference mitigation using dynamic frequency re-use for dense femtocell network architectures 2010,		6
22	Tradeoff between energy consumption and lifetime in Delay-Tolerant mobile Network 2008,		6
21	TTL Prediction Schemes and the Effects of Inter-Update Time Distribution on Wireless Data Access. <i>Wireless Networks</i> , 2004 , 10, 607-619	2.5	6
20	Multiple Antenna Selection and Successive Signal Detection for SM-Based IRS-Aided Communication. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 813-817	3.2	6
19	On the Performance of Reconfigurable Distributed MIMO in Mobile Networks. <i>IEEE Transactions on Communications</i> , 2017 , 65, 1609-1622	6.9	5
18	Efficient Tradeoff of Restricted Epidemic Routing in Mobile Ad-Hoc Networks 2007,		5
17	On the scalability and capacity of single-user-detection based wireless networks with isotropic antennas. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 8-15	9.6	5
16	On the Design of Multi-Hop Tag-to-Tag Routing Protocol for Large-Scale Networks of Passive Tags. <i>IEEE Open Journal of the Communications Society</i> , 2020 , 1, 1035-1055	6.7	4
15	Busy Tone Multi Channel (BTMC): A New Multi Channel MAC protocol for Ad Hoc Networks 2008,		3
14	Asymptotic Analysis for Spectrum-Sharing Systems With TAS/MRC Using Extreme Value Theory: An Overlooked Aspect. <i>IEEE Access</i> , 2019 , 7, 138062-138078	3.5	3
13	On the Design of RD-MIMO: Spatial Multiplexing Versus Opportunistic Transmission Schemes. <i>IEEE Access</i> , 2020 , 8, 22733-22747	3.5	2
12	Routing protocol design in tag-to-tag networks with capability-enhanced passive tags 2017,		2
11	On Power Management Policies for Data Centers 2015,		2
10	Effect of link-level feedback and retransmissions on the performance of cooperative networking 2011,		2
9	Congestion-Tolerant Framework for IoT Applications 2019,		2
8	On the Performance of Distributed MIMO With Full-Duplex Jamming. <i>IEEE Transactions on Communications</i> , 2019 , 67, 1972-1985	6.9	2
7	Throughput maximization in UWB-based ad-hoc networks. <i>Science China Information Sciences</i> , 2010 , 53, 2538-2547	3.4	1
6	Quantitative Analysis of Partition Statistics and their Impact on Data Replication in MANETs 2007,		1

5	Personal Environment Service for Mobile Users 2006 ,			1
4	Supporting Privacy of Computations in Mobile Big Data Systems. <i>Future Internet</i> , 2016 , 8, 17	3.3		1
3	Low-Complexity Generalized Spatial Modulation Schemes Using Codebook-Assisted MIMO Detectors. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 12358-12362	6.8		1
2	Data-correlation-aware Unsupervised Deep-Learning Model for Anomaly Detection in Cyber-Physical Systems. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7		0
1	Capacity evaluation of multi-channel wireless ad hoc networks. <i>Journal of Electronics</i> , 2003 , 20, 344-352			