

# Nasir Saeed

## 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.

61  
papers

1,148  
citations

19  
h-index

31  
g-index

72  
ext. papers

1,680  
ext. citations

5.7  
avg, IF

5.5  
L-index

#	Paper	IF	Citations
61	Underwater optical wireless communications, networking, and localization: A survey. <i>Ad Hoc Networks</i> , <b>2019</b> , 94, 101935	4.8	135
60	Next Generation Terahertz Communications: A Rendezvous of Sensing, Imaging, and Localization. <i>IEEE Communications Magazine</i> , <b>2020</b> , 58, 69-75	9.1	95
59	A Survey on Multidimensional Scaling. <i>ACM Computing Surveys</i> , <b>2018</b> , 51, 1-25	13.4	68
58	CubeSat Communications: Recent Advances and Future Challenges. <i>IEEE Communications Surveys and Tutorials</i> , <b>2020</b> , 22, 1839-1862	37.1	67
57	Intelligent Surfaces for 6G Wireless Networks: A Survey of Optimization and Performance Analysis Techniques. <i>IEEE Access</i> , <b>2020</b> , 8, 202795-202818	3.5	52
56	A State-of-the-Art Survey on Multidimensional Scaling-Based Localization Techniques. <i>IEEE Communications Surveys and Tutorials</i> , <b>2019</b> , 21, 3565-3583	37.1	49
55	Toward the Internet of Underground Things: A Systematic Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2019</b> , 21, 3443-3466	37.1	43
54	Energy Harvesting Hybrid Acoustic-Optical Underwater Wireless Sensor Networks Localization. <i>Sensors</i> , <b>2017</b> , 18,	3.8	42
53	Localization of Energy Harvesting Empowered Underwater Optical Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 2652-2663	9.6	37
52	Fuzzy C-Means Clustering and Energy Efficient Cluster Head Selection for Cooperative Sensor Network. <i>Sensors</i> , <b>2016</b> , 16,	3.8	35
51	Outlier Detection and Optimal Anchor Placement for 3-D Underwater Optical Wireless Sensor Network Localization. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 611-622	6.9	33
50	Performance Analysis of Connectivity and Localization in Multi-Hop Underwater Optical Wireless Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2019</b> , 18, 2604-2615	4.6	32
49	Optical camera communications: Survey, use cases, challenges, and future trends. <i>Physical Communication</i> , <b>2019</b> , 37, 100900	2.2	28
48	Modeling and performance analysis of multihop underwater optical wireless sensor networks <b>2018</b> ,		26
47	Cluster Based Multidimensional Scaling for Irregular Cognitive Radio Networks Localization. <i>IEEE Transactions on Signal Processing</i> , <b>2016</b> , 64, 2649-2659	4.8	25
46	. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 1167-1181	9.6	25
45	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 4056-4062	6.8	24

44	Deep Learning in the Industrial Internet of Things: Potentials, Challenges, and Emerging Applications. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 11016-11040	10.7	23
43	A Software-Defined Opto-Acoustic Network Architecture for Internet of Underwater Things. <i>IEEE Communications Magazine</i> , <b>2020</b> , 58, 88-94	9.1	19
42	Location Awareness in 5G Networks Using RSS Measurements for Public Safety Applications. <i>IEEE Access</i> , <b>2017</b> , 5, 21753-21762	3.5	19
41	When Wireless Communication Responds to COVID-19: Combating the Pandemic and Saving the Economy. <i>Frontiers in Communications and Networks</i> , <b>2020</b> , 1,	3.3	19
40	Underwater Optical Sensor Networks Localization with Limited Connectivity <b>2018</b> ,		17
39	Toward the Internet of Underwater Things: Recent Developments and Future Challenges. <i>IEEE Consumer Electronics Magazine</i> , <b>2020</b> , 1-1	3.2	13
38	A Joint TDOA-PDOA Localization Approach Using Particle Swarm Optimization. <i>IEEE Wireless Communications Letters</i> , <b>2020</b> , 9, 1240-1244	5.9	13
37	. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 937-947	10.7	13
36	Energy Efficient Localization Algorithm With Improved Accuracy in Cognitive Radio Networks. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 2017-2020	3.8	12
35	Point-to-Point Communication in Integrated Satellite-Aerial 6G Networks: State-of-the-Art and Future Challenges. <i>IEEE Open Journal of the Communications Society</i> , <b>2021</b> , 2, 1505-1525	6.7	10
34	. <i>IEEE Access</i> , <b>2018</b> , 6, 20756-20763	3.5	8
33	Efficient error detection in soft data fusion for cooperative spectrum sensing. <i>AEU - International Journal of Electronics and Communications</i> , <b>2018</b> , 88, 141-147	2.8	8
32	. <i>IEEE Access</i> , <b>2019</b> , 7, 121769-121780	3.5	8
31	Optimal Relay Placement in Magnetic Induction-Based Internet of Underwater Things. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 821-828	4	8
30	Robust 3D Localization of Underwater Optical Wireless Sensor Networks via Low Rank Matrix Completion <b>2018</b> ,		8
29	Primary User Localization and Its Error Analysis in 5G Cognitive Radio Networks. <i>Sensors</i> , <b>2019</b> , 19,	3.8	7
28	An improved mechanism for flow rule installation in-band SDN. <i>Journal of Systems Architecture</i> , <b>2019</b> , 96, 1-19	5.5	7
27	Effect of Link Misalignment in the Optical-Internet of Underwater Things. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 646	2.6	7

26	Connectivity Analysis of Underwater Optical Wireless Sensor Networks: A Graph Theoretic Approach <b>2018</b> ,		7
25	. <i>IEEE Internet of Things Magazine</i> , <b>2020</b> , 3, 82-83	3.5	7
24	Towards Ultra-Reliable Low-Latency Underwater Optical Wireless Communications <b>2019</b> ,		7
23	SectOR: Sector-Based Opportunistic Routing Protocol for Underwater Optical Wireless Networks <b>2019</b> ,		7
22	Determinants and clinical significance of aortic stiffness in patients with moderate or severe aortic stenosis. <i>International Journal of Cardiology</i> , <b>2020</b> , 315, 99-104	3.2	6
21	Analysis of 3D localization in underwater optical wireless networks with uncertain anchor positions. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	6
20	Towards 6G Internet of Things: Recent advances, use cases, and open challenges. <i>ICT Express</i> , <b>2022</b> ,	4.9	6
19	Localization of vehicular ad-hoc networks with RSS based distance estimation <b>2018</b> ,		4
18	Robust localisation algorithm for large scale 3D wireless sensor networks. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , <b>2016</b> , 23, 82	0.7	4
17	MDS-LM for Wireless Sensor Networks Localization <b>2014</b> ,		4
16	An Accelerated Error Convergence Design Criterion and Implementation of Lebesgue-p Norm ILC Control Topology for Linear Position Control Systems. <i>Mathematical Problems in Engineering</i> , <b>2021</b> , 2021, 1-12	1.1	4
15	An Absorption Mitigation Technique for Received Signal Strength-Based Target Localization in Underwater Wireless Sensor Networks. <i>Sensors</i> , <b>2020</b> , 20,	3.8	4
14	Wireless Communication for Flying Cars. <i>Frontiers in Communications and Networks</i> , <b>2021</b> , 2,	3.3	4
13	Opportunistic Routing for Opto-Acoustic Internet of Underwater Things. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	4
12	Customized 5G and Beyond Private Networks with Integrated URLLC, eMBB, mMTC, and Positioning for Industrial Verticals. <i>IEEE Communications Standards Magazine</i> , <b>2022</b> , 6, 52-57	3.3	4
11	Network Optimization for Industrial Internet of Things (IIoT) <b>2020</b> , 4, 1-4		3
10	Primary user localisation and uplink resource allocation in orthogonal frequency division multiple access cognitive radio systems. <i>IET Communications</i> , <b>2015</b> , 9, 1131-1137	1.3	3
9	Body-Centric Terahertz Networks: Prospects and Challenges. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , <b>2021</b> , 1-1	2.3	3

8	Multiple Object Localization in Underwater Wireless Communication Systems using the Theory of Gravitation <b>2018</b> ,		3
7	Interference Aware Cooperative Routing for Edge Computing-Enabled 5G Networks. <i>IEEE Sensors Journal</i> , <b>2022</b> , 22, 3777-3784	4	2
6	. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2022</b> , 9, 496-509	7	2
5	Diversity Schemes in Multi-hop Visible Light Communications for 6G Networks. <i>Procedia Computer Science</i> , <b>2021</b> , 182, 140-149	1.6	2
4	Delay Analysis of an Improved Wimax Macro-Femto Handover Technique and Cell Selection Algorithm. <i>Wireless Personal Communications</i> , <b>2015</b> , 85, 2157-2168	1.9	1
3	Low-complexity SIC-MMSE for joint multiple-input multiple-output detection. <i>Journal of Communications Technology and Electronics</i> , <b>2017</b> , 62, 1248-1254	0.5	1
2	An Efficient Multistage Approach for Blind Source Separation of Noisy Convolutional Speech Mixture. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5968	2.6	0
1	Polarization Re-Configurable Antenna with Increase Gain for Small Satellites. <i>Journal of Electrical Engineering and Technology</i> , 1	1.4	