

Murat Yüksel

List of Publications by Year in Descending Order

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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

611

citations

12

h-index

22

g-index

75

ext. papers

785

ext. citations

5.5

avg, IF

4.36

L-index

#	Paper	IF	Citations
61	A Multi-LED Dome Bulb Prototype for Dense Visible Light Communication Networks. <i>Journal of Lightwave Technology</i> , 2022 , 1-1	4	0
60	Coverage-Aware Stable Task Assignment in Opportunistic Mobile Crowdsensing. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3831-3845	6.8	8
59	A Game-Theoretic Framework to Regulate Freeriding in Inter-Provider Spectrum Sharing. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3941-3957	9.6	0
58	Decentralized Additive Increase and Multiplicative Decrease-Based Electric Vehicle Charging. <i>IEEE Systems Journal</i> , 2021 , 15, 4272-4280	4.3	2
57	. <i>IEEE Transactions on Communications</i> , 2021 , 69, 5337-5351	6.9	1
56	Multi-element full-duplex FSO transceiver design using optimum tiling. <i>Optics Communications</i> , 2021 , 501, 127377	2	0
55	QoS-Based Budget Constrained Stable Task Assignment in Mobile Crowdsensing. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	9
54	Optimization of SINR and Illumination Uniformity in Multi-LED Multi-Datastream VLC Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020 , 6, 1108-1121	6.6	6
53	Weather-limited in-band full-duplex transceiver model for free-space optical communication. <i>Optical Engineering</i> , 2020 , 59, 1	1.1	1
52	Multi-LED multi-datastream dome bulb for dense visible light communication networks 2020 ,		1
51	Comprehensive Design and Prototype of VLC Receivers With Large Detection Areas. <i>Journal of Lightwave Technology</i> , 2020 , 38, 4187-4204	4	8
50	Conformal VLC Receivers with Photodetector Arrays: Design, Analysis and Prototype 2019 ,		3
49	In-band LOS discovery using highly directional transceivers. <i>Ad Hoc Networks</i> , 2019 , 91, 101875	4.8	2
48	An Internet-Inspired Proportional Fair EV Charging Control Method. <i>IEEE Systems Journal</i> , 2019 , 13, 4292-4302	4.5	5
47	Empirical Modeling and Analysis of Water-to-Air Optical Wireless Communication Channels 2019 ,		10
46	Peering Among Content-Dominated Vertical ISPs. <i>IEEE Networking Letters</i> , 2019 , 1, 132-135	2.8	1
45	Engaging Communities in Public Safety via Social Media 2019 ,		1

44	Analysis of Decentralized AIMD-based EV Charging Control 2019 ,		2
43	Performance Analysis of Air-to-Water Optical Wireless Communication Using SPADs 2019 ,		6
42	Regulations and Strategies in Subsidy-based Spectrum Sharing Markets 2019 ,		1
41	Incentivizing spectrum sharing via subsidy regulations for future wireless networks. <i>Computer Networks</i> , 2018 , 135, 132-146	5.4	6
40	A Software-Defined Multi-Element VLC Architecture 2018 , 56, 196-203		12
39	Multi-Element VLC Networks: LED Assignment, Power Control, and Optimum Combining. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 121-135	14.2	32
38	2018 ,		16
37	SDN-based load balancing for multi-path TCP 2018 ,		6
36	UAV-Direct 2018 ,		4
35	Proof of Sharing in Inter-Operator Spectrum Sharing Markets 2018 ,		9
34	Regulating Freeriding in Inter-Operator Spectrum Sharing 2018 ,		4
33	A Prototype of In-Band Full-Duplex Free-Space Optical Transceiver 2018 ,		1
32	On Correlating ISP Topologies to Their Businesses 2018 ,		2
31	Analysis of an Internet-Inspired EV Charging Network in a Distribution Grid 2018 ,		5
30	GPS-Free Maintenance of A Free-Space-Optical Link Between Two Autonomous Mobiles. <i>IEEE Transactions on Mobile Computing</i> , 2017 , 16, 1644-1657	4.6	12
29	Optimal multi-element VLC bulb design with power and lighting quality constraints 2016 ,		5
28	CAR: Cloud-Assisted Routing 2016 ,		1
27	Wireless communication and spectrum sharing for public safety in the United States. <i>Journal of Emergency Management</i> , 2016 , 14, 167-76	0.7	2

26	LOS discovery in 3D for highly directional transceivers 2016 ,		4
25	On the Break-Even Point between Cloud-Assisted and Legacy Routing (Short Paper) 2016 ,		1
24	On the Evolution of Wireless Communication Technologies and Spectrum Sharing for Public Safety: Policies and Practice. <i>Risk, Hazards and Crisis in Public Policy</i> , 2016 , 7, 129-145	3	8
23	Pervasive spectrum sharing for public safety communications 2016 , 54, 22-29		13
22	AOA-based localization and tracking in multi-element VLC systems 2015 ,		43
21	Training network administrators in a game-like environment. <i>Journal of Network and Computer Applications</i> , 2015 , 53, 14-23	7.9	5
20	Hybrid 3-D Localization for Visible Light Communication Systems. <i>Journal of Lightwave Technology</i> , 2015 , 33, 4589-4599	4	63
19	Accuracy of AOA-Based and RSS-Based 3D Localization for Visible Light Communications 2015 ,		9
18	Multi-Element Transmitter Design and Performance Evaluation for Visible Light Communication 2015 ,		12
17	Roadmap-based end-to-end traffic engineering for multi-hop wireless networks 2014 ,		2
16	Maintaining a free-space-optical communication link between two autonomous mobiles 2014 ,		10
15	LIGHTNETs: Smart LIGHTing and Mobile Optical Wireless NETWORKS A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2013 , 15, 1620-1641	37.1	103
14	Automatic realignment with electronic steering of free-space-optical transceivers in MANETs: A proof-of-concept prototype. <i>Ad Hoc Networks</i> , 2013 , 11, 585-595	4.8	15
13	Fostering wireless spectrum sharing via subsidization 2013 ,		6
12	Six Degrees of Separation among US Researchers 2012 ,		9
11	Multi Path Considerations for Anonymized Routing: Challenges and Opportunities 2012 ,		9
10	Network management game 2011 ,		2
9	Analysis of academic ties: A case study of Mathematics Genealogy 2011 ,		2

8	Network Configuration and Management via Two-Phase Online Optimization 2011,		2
7	Probabilistic Trans-Algorithmic search for automated network management and configuration 2010,		6
6	Limited Scale-Free Overlay Topologies for Unstructured Peer-to-Peer Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2009 , 20, 667-679	3.7	26
5	Large-Scale Network Parameter Configuration Using an On-Line Simulation Framework. <i>IEEE/ACM Transactions on Networking</i> , 2008 , 16, 777-790	3.8	32
4	Multi-element Free-Space-Optical spherical structures with intermittent connectivity patterns 2008 ,		25
3	Scale-Free Overlay Topologies with Hard Cutoffs for Unstructured Peer-to-Peer Networks 2007,		14
2	On the Packet Header Size and Network State Tradeoff for Trajectory-Based Routing in Wireless Networks 2006,		1
1	Polycentric Governance and Decentralized Decision-Making for Pervasive Spectrum Sharing. <i>International Journal of Public Administration</i> ,1-10	1.7	1