

# Mohamed Kashef

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

688  
citations

933447

10  
h-index

1125743

13  
g-index

48  
all docs

48  
docs citations

48  
times ranked

742  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Efficient Resource Allocation for Mixed RF/VLC Heterogeneous Wireless Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 883-893.	14.0	158
2	Transmit Power Optimization for a Hybrid PLC/VLC/RF Communication System. IEEE Transactions on Green Communications and Networking, 2018, 2, 234-245.	5.5	65
3	Optimal packet scheduling for energy harvesting sources on time varying wireless channels. Journal of Communications and Networks, 2012, 14, 121-129.	2.6	41
4	Wireless Network Design for Emerging IIoT Applications: Reference Framework and Use Cases. Proceedings of the IEEE, 2019, 107, 1166-1192.	21.3	40
5	Industrial Wireless Systems Guidelines: Practical Considerations and Deployment Life Cycle. IEEE Industrial Electronics Magazine, 2018, 12, 6-17.	2.6	38
6	Optimal Partial Relaying for Energy-Harvesting Wireless Networks. IEEE/ACM Transactions on Networking, 2016, 24, 113-122.	3.8	32
7	Coordinated Interference Management for Visible Light Communication Systems. Journal of Optical Communications and Networking, 2015, 7, 1098.	4.8	25
8	Beamforming and power allocation for physical-layer security in hybrid RF/VLC wireless networks. , 2017, , .		24
9	On the Impact of PLC Backhauling in Multi-User Hybrid VLC/RF Communication Systems. , 2016, , .		17
10	On the Achievable Rate of a Hybrid PLC/VLC/RF Communication System. , 2015, , .		16
11	Wireless Time Sensitive Networking Impact on an Industrial Collaborative Robotic Workcell. IEEE Transactions on Industrial Informatics, 2022, 18, 7351-7360.	11.3	16
12	CDMA underlay network with cognitive interference-minimizing code assignment and semi-blind interference suppression. Wireless Communications and Mobile Computing, 2009, 9, 1460-1471.	1.2	13
13	On the benefits of cooperation via power control in OFDM-based visible light communication systems. , 2014, , .		12
14	Power allocation for downlink multi-user SC-FDMA visible light communication systems. , 2015, , .		12
15	Balanced Dynamic Planning in Green Heterogeneous Cellular Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 3299-3312.	14.0	12
16	Industrial wireless: Problem space, success considerations, technologies, and future direction. , 2017, , .		12
17	Wireless Time Sensitive Networking for Industrial Collaborative Robotic Workcells. , 2021, , .		11
18	On balancing energy efficiency for network operators and mobile users in dynamic planning. , 2015, 53, 158-165.		9

#	ARTICLE	IF	CITATIONS
19	Cognitive interference-minimizing code assignment for underlay CDMA networks in asynchronous multipath fading channels. , 2009, , .		8
20	Optimal scheduling for energy harvesting sources on time varying wireless channels. , 2011, , .		7
21	Power allocation for maximizing energy efficiency of mixed RF/VLC wireless networks. , 2015, , .		7
22	Real-time scheduling for wireless networks with random deadlines. , 2017, , .		7
23	Model-based cosimulation for industrial wireless networks. , 2018, , .		7
24	Clustering and Representation of Time-Varying Industrial Wireless Channel Measurements. , 2019, , .		7
25	The impact of location errors on achievable rates in OFDM-based multi-user visible light communication systems. , 2014, , .		6
26	Wireless Interference Estimation Using Machine Learning in a Robotic Force-Seeking Scenario. , 2019, , .		6
27	A SysML representation of the wireless factory work cell. International Journal of Advanced Manufacturing Technology, 2019, 104, 119-140.	3.0	5
28	A VLC-based system for optical SPR sensing facility. , 2016, , .		4
29	Design Space Exploration for Wireless-Integrated Factory Automation Systems. , 2019, , .		4
30	System parameter selection for asymmetric underlay CDMA networks with interference-minimizing code assignment. , 2009, , .		3
31	A Graph Database Approach to Wireless IIoT Workcell Performance Evaluation. , 2020, , .		3
32	Visible Light Communications for Energy Efficient Heterogeneous Wireless Networks. Studies in Systems, Decision and Control, 2016, , 299-317.	1.0	2
33	Dynamic planning with balanced energy efficiency for network operators and mobile users. , 2014, , .		1
34	Frame-based randomized scheduling of packets with random-deadlines for multi-flow wireless networks. Ad Hoc Networks, 2019, 85, 11-18.	5.5	1
35	Temporal Exemplar Channels In High-Multipath Environments. , 2021, , .		1
36	Feature Extraction and Classification for Communication Channels in Wireless Mechatronic Systems. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
37	On the Impact of Wireless Communications on Controlling a Two-Dimensional Gantry System. , 2019, , .		1
38	A Machine-Learning Approach for the Exemplar Extraction of mmWave Industrial Wireless Channels. , 2022, 1, 1-15.		1
39	Relaying and stability in energy harvesting simple networks. , 2014, , .		0
40	On the Achievable Rate of a Hybrid PLC/MLC/RF Communication System. , 2014, , .		0
41	Exploiting Different Cognition Levels of Channel Information in Transmission Scheduling of Two Sources Over Time Varying Wireless Channels. IEEE Transactions on Cognitive Communications and Networking, 2015, 1, 284-293.	7.9	0
42	Cooperative OFDM-based multi-user visible light communication systems with limited information. , 2015, , .		0
43	Impact of Dynamic Planning on Uplink Service Quality in Heterogeneous Cellular Networks. , 2016, , .		0
44	Industrial Wireless End-to-End Measurements and Impacts in a Gas-Sensing Scenario. Journal of Research of the National Institute of Standards and Technology, 2018, 123, 1-22.	1.2	0
45	A Black-Box Noninvasive Characterization Method for Industrial Wireless Networks. Journal of Research of the National Institute of Standards and Technology, 2019, 124, 1-16.	1.2	0
46	Enabling Green Heterogeneous Cellular Networks via Balanced Dynamic Planning. , 2018, , 323-358.		0
47	Smart Manufacturing Testbed for the Advancement of Wireless Adoption in the Factory. IFIP Advances in Information and Communication Technology, 2020, , 176-189.	0.7	0