Hayssam Dahrouj

List of Publications by Citations

36 papers	946 citations	12 h-index	30 g-index
42 ext. papers	1,190 ext. citations	6.3 avg, IF	4.73 L-index

#	Paper	IF	Citations
36	. *IEEE Transactions on Wireless Communications*, **2010**, 9, 1748-1759	9.6	435
35	Cost-effective hybrid RF/FSO backhaul solution for next generation wireless systems. *IEEE Wireless Communications*, **2015**, 22, 98-104	13.4	78
34	. *IEEE Wireless Communications*, **2015**, 22, 66-73	13.4	54
33	Intelligent Surfaces for 6G Wireless Networks: A Survey of Optimization and Performance Analysis Techniques. *IEEE Access*, **2020**, 8, 202795-202818	3.5	52
32	Hybrid Radio/Free-Space Optical Design for Next Generation Backhaul Systems. *IEEE Transactions on Communications*, **2016**, 64, 2563-2577	6.9	47
31	Coordinated Scheduling and Power Control in Cloud-Radio Access Networks. *IEEE Transactions on Wireless Communications*, **2016**, 15, 2523-2536	9.6	32
30	. *IEEE Vehicular Technology Magazine*, **2020**, 15, 33-42	9.9	30
29	User Pairing, Link Selection, and Power Allocation for Cooperative NOMA Hybrid VLC/RF Systems. *IEEE Transactions on Wireless Communications*, **2021**, 20, 1785-1800	9.6	21
28	**2015**,		17
27	DC-Bias and Power Allocation in Cooperative VLC Networks for Joint Information and Energy Transfer. *IEEE Transactions on Wireless Communications*, **2019**, 18, 5486-5499	9.6	14
26	Virtualized cognitive network architecture for 5G cellular networks **2015**, 53, 78-85		14
25	Distributed Hybrid Scheduling in Multi-Cloud Networks Using Conflict Graphs. *IEEE Transactions on Communications*, **2018**, 66, 209-224	6.9	13
24	Coordinated scheduling for the downlink of cloud radio-access networks **2015**,		12
23	On the Opportunities and Challenges of NOMA-Based Fog Radio Access Networks: An Overview. *IEEE Access*, **2020**, 8, 205467-205476	3.5	11
22	Power Allocation and Link Selection for Multicell Cooperative NOMA Hybrid VLC/RF Systems. *IEEE Communications Letters*, **2021**, 25, 560-564	3.8	11
21	Interference Management in Full-Duplex Cellular Networks With Partial Spectrum Overlap. *IEEE Access*, **2017**, 5, 7567-7583	3.5	10
20	Power spectrum optimization for interference mitigation via iterative function evaluation **2011**,		10

19	An Overview of Machine Learning-Based Techniques for Solving Optimization Problems in Communications and Signal Processing. *IEEE Access*, **2021**, 9, 74908-74938	3.5	8
18	Towards Ultra-Reliable Low-Latency Underwater Optical Wireless Communications **2019**,		7
17	Distributed cloud association in downlink multicloud radio access networks **2015**,		6
16	Cost-effective backhaul design using hybrid radio/free-space optical technology **2015**,		6
15	Distributed Robust Power Minimization for the Downlink of Multi-Cloud Radio Access Networks. *IEEE Transactions on Green Communications and Networking*, **2018**, 2, 327-335	4	6
14	**2015**,		6
13	Interference management with partial uplink/downlink spectrum overlap **2016**,		5
12	Low-Complexity Scheduling and Power Adaptation for Coordinated Cloud-Radio Access Networks. *IEEE Communications Letters*, **2017**, 21, 2298-2301	3.8	5
11	Resilient backhaul network design using hybrid radio/free-space optical technology **2016**,		5
10	A Tutorial on Clique Problems in Communications and Signal Processing. *Proceedings of the IEEE*, **2020**, 108, 583-608	14.3	4
9	Hybrid Scheduling/Signal-Level Coordination in the Downlink of Multi-Cloud Radio-Access Networks **2015**,		4
8	Distributed Robust Power Minimization for the Downlink of Multi-Cloud Radio Access Networks **2016**,		4
7	FDM 3D printed coffee glove embedded with flexible electronic **2017**,		3
6	Decentralized SINR Balancing in Cognitive Radio Networks. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 3491-3496	6.8	2
5	Asymptotic Analysis of an Ensemble of Randomly Projected Linear Discriminants. *IEEE Journal on Selected Areas in Information Theory*, **2020**, 1, 914-930	2.5	2
4	Joint Scheduling and Beamforming via Cloud-Radio Access Networks Coordination **2018**,		2
3	Robust Beamforming for Cache-Enabled Cloud Radio Access Networks **2018**,		2
2	Distributed resource allocation in full-duplex cellular networks with partial spectrum overlap **2018**,		1

1	Meta Distribution of Downlink SIR for Binomial Point Processes. *IEEE Wireless Communications Letters*, **2021**, 10, 1557-1561	5.9	1