

Hayssam Dahrouj

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,404
citations

623188

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h-index

713013

21
g-index

42
all docs

42
docs citations

42
times ranked

1334
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordinated beamforming for the multicell multi-antenna wireless system. IEEE Transactions on Wireless Communications, 2010, 9, 1748-1759.	6.1	591
2	Intelligent Surfaces for 6G Wireless Networks: A Survey of Optimization and Performance Analysis Techniques. IEEE Access, 2020, 8, 202795-202818.	2.6	116
3	Cost-effective hybrid RF/FSO backhaul solution for next generation wireless systems. IEEE Wireless Communications, 2015, 22, 98-104.	6.6	103
4	Hybrid Radio/Free-Space Optical Design for Next Generation Backhaul Systems. IEEE Transactions on Communications, 2016, 64, 2563-2577.	4.9	75
5	Ultramassive MIMO Systems at Terahertz Bands: Prospects and Challenges. IEEE Vehicular Technology Magazine, 2020, 15, 33-42.	2.8	73
6	Resource allocation in heterogeneous cloud radio access networks: advances and challenges. IEEE Wireless Communications, 2015, 22, 66-73.	6.6	68
7	Coordinated Scheduling and Power Control in Cloud-Radio Access Networks. IEEE Transactions on Wireless Communications, 2016, 15, 2523-2536.	6.1	38
8	User Pairing, Link Selection, and Power Allocation for Cooperative NOMA Hybrid VLC/RF Systems. IEEE Transactions on Wireless Communications, 2021, 20, 1785-1800.	6.1	37
9	An Overview of Machine Learning-Based Techniques for Solving Optimization Problems in Communications and Signal Processing. IEEE Access, 2021, 9, 74908-74938.	2.6	27
10	Virtualized cognitive network architecture for 5G cellular networks. , 2015, 53, 78-85.		22
11	DC-Bias and Power Allocation in Cooperative VLC Networks for Joint Information and Energy Transfer. IEEE Transactions on Wireless Communications, 2019, 18, 5486-5499.	6.1	22
12	Power Allocation and Link Selection for Multicell Cooperative NOMA Hybrid VLC/RF Systems. IEEE Communications Letters, 2021, 25, 560-564.	2.5	20
13	Distributed Hybrid Scheduling in Multi-Cloud Networks Using Conflict Graphs. IEEE Transactions on Communications, 2018, 66, 209-224.	4.9	18
14	Joint Hybrid Backhaul and Access Links Design in Cloud-Radio Access Networks. , 2015, , .		17
15	Coordinated scheduling for the downlink of cloud radio-access networks. , 2015, , .		16
16	On the Opportunities and Challenges of NOMA-Based Fog Radio Access Networks: An Overview. IEEE Access, 2020, 8, 205467-205476.	2.6	16
17	Interference Management in Full-Duplex Cellular Networks With Partial Spectrum Overlap. IEEE Access, 2017, 5, 7567-7583.	2.6	15
18	Power spectrum optimization for interference mitigation via iterative function evaluation. , 2011, , .		12

#	ARTICLE	IF	CITATIONS
19	Towards Ultra-Reliable Low-Latency Underwater Optical Wireless Communications. , 2019, , .		11
20	Cloud-Enabled High-Altitude Platform Systems: Challenges and Opportunities. Frontiers in Communications and Networks, 2021, 2, .	1.9	11
21	Cost-effective backhaul design using hybrid radio/free-space optical technology. , 2015, , .		9
22	Distributed Robust Power Minimization for the Downlink of Multi-Cloud Radio Access Networks. IEEE Transactions on Green Communications and Networking, 2018, 2, 327-335.	3.5	8
23	A Tutorial on Clique Problems in Communications and Signal Processing. Proceedings of the IEEE, 2020, 108, 583-608.	16.4	8
24	Decentralized Group Sparse Beamforming for Multi-Cloud Radio Access Networks. , 2015, , .		7
25	Distributed cloud association in downlink multicloud radio access networks. , 2015, , .		7
26	Interference management with partial uplink/downlink spectrum overlap. , 2016, , .		7
27	FDM 3D printed coffee glove embedded with flexible electronic. , 2017, , .		7
28	Hybrid Scheduling/Signal-Level Coordination in the Downlink of Multi-Cloud Radio-Access Networks. , 2015, , .		6
29	Resilient backhaul network design using hybrid radio/free-space optical technology. , 2016, , .		6
30	Low-Complexity Scheduling and Power Adaptation for Coordinated Cloud-Radio Access Networks. IEEE Communications Letters, 2017, 21, 2298-2301.	2.5	5
31	Distributed User Selection in Network MIMO Systems with Limited Feedback. , 2015, , .		4
32	Distributed Robust Power Minimization for the Downlink of Multi-Cloud Radio Access Networks. , 2016, , .		4
33	Joint Scheduling and Beamforming via Cloud-Radio Access Networks Coordination. , 2018, , .		4
34	Robust Beamforming for Cache-Enabled Cloud Radio Access Networks. , 2018, , .		3
35	Meta Distribution of Downlink SIR for Binomial Point Processes. IEEE Wireless Communications Letters, 2021, 10, 1557-1561.	3.2	3
36	Asymptotic Analysis of an Ensemble of Randomly Projected Linear Discriminants. IEEE Journal on Selected Areas in Information Theory, 2020, 1, 914-930.	1.9	3

#	ARTICLE	IF	CITATIONS
37	Decentralized SINR Balancing in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 3491-3496.	3.9	2
38	Energy efficiency for cloud-radio access networks with imperfect channel state information. , 2016, , .		1
39	Distributed resource allocation in full-duplex cellular networks with partial spectrum overlap. , 2018, , .		1
40	Joint Beamforming and Clustering for Energy Efficient Multi-Cloud Radio Access Networks. , 2022, , .		1
41	Hybrid Scheduling/Signal-Level Coordination in the Downlink of Multi-Cloud Radio-Access Networks. , 2014, , .		0
42	Energy-Aware Sensor Networks via Sensor Selection and Power Allocation. , 2017, , .		0