

Douglas M Blough

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

335
citations

1684188

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48
all docs

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docs citations

48
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximizing Line-of-Sight Coverage for mmWave Wireless LANs With Multiple Access Points. IEEE/ACM Transactions on Networking, 2022, 30, 698-716.	3.8	3
2	Algorithms for addressing line-of-sight issues in mmWave WiFi networks using access point mobility. Journal of Parallel and Distributed Computing, 2022, 160, 65-78.	4.1	1
3	Cooperative Task-Oriented Group Formation for Vehicular Networks. , 2022, , .		1
4	Effects of SNR-Dependent Beam Alignment Errors on Millimeter-Wave Cellular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 5216-5230.	6.3	5
5	Optimizing Coverage with Intelligent Surfaces for Indoor mmWave Networks. , 2022, , .		6
6	Exploring Performance Limits on Proactive Fair Scheduling for mmWave WLANs. , 2022, , .		1
7	Feasibility of Multipath Construction in mmWave Backhaul. , 2021, , .		1
8	Maximizing Coverage for mmWave WLANs with Dedicated Reflectors. , 2021, , .		5
9	On the Effects of Blockage on Load Modeling in Millimeter-Wave Cellular Networks. , 2021, , .		0
10	MultiVTrain: Collaborative Multi-View Active Learning for Segmentation in Connected Vehicles. , 2021, , .		1
11	Load-Balanced Routing for Hybrid Fiber/Wireless Backhaul Networks. , 2021, , .		0
12	A Quantitative Exploration of Access Point Mobility for mmWave WiFi Networks. , 2020, , .		7
13	Coverage in Millimeter-Wave Networks with SNR-Dependent Beam Alignment Errors. , 2020, , .		3
14	On the Potential Benefits of Mobile Access Points in mmWave Wireless LANs. , 2020, , .		3
15	Optimal Path Construction with Decode and Forward Relays in mmWave Backhaul Networks. , 2020, , .		5
16	On the Feasibility of High Throughput mmWave Backhaul Networks in Urban Areas. , 2020, , .		1
17	STEREOS: Smart Table EntRy Eviction for OpenFlow Switches. IEEE Journal on Selected Areas in Communications, 2020, 38, 377-388.	14.0	19
18	WiMove: Toward Infrastructure Mobility in mmWave WiFi. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
19	Blockage Robustness in Access Point Association for mmWave Wireless LANs with Mobility. , 2020, , .		2
20	Analysis of Blockage Effects on Roadside Relay-Assisted mmWave Backhaul Networks. , 2019, , .		8
21	High Satisfaction and Fair Allocation of Resources in Software-Defined Data Center Networks. , 2019, , .		1
22	Queueing Analysis of Auxiliary-Connection-Enabled Switches for Software-Defined Networks. , 2019, , .		1
23	Optimal Access Point Placement for Multi-AP mmWave WLANs. , 2019, , .		12
24	Path Selection with Amplify and Forward Relays in mmWave Backhaul Networks. , 2018, , .		11
25	Blockage Avoidance in Relay Paths for Roadside mmWave Backhaul Networks. , 2018, , .		12
26	Optimizing Millimeter-Wave Backhaul Networks in Roadside Environments. , 2018, , .		10
27	High Throughput and Fair Scheduling for Multi-AP Multiuser MIMO in Dense Wireless Networks. IEEE/ACM Transactions on Networking, 2018, 26, 2414-2427.	3.8	5
28	Mobility-Aware Multi-User MIMO Link Scheduling for Dense Wireless Networks. , 2018, , .		2
29	Deceptive Secret Sharing. , 2018, , .		1
30	High-Throughput and Fair Scheduling for Access Point Cooperation in Dense Wireless Networks. , 2017, , .		5
31	Combined User Selection and MIMO Weight Calculation for AP Cooperation in Dense Wireless Networks. , 2017, , .		1
32	Relay Selection and Scheduling for Millimeter Wave Backhaul in Urban Environments. , 2017, , .		27
33	PBUS: Efficient User Selection for Block Diagonalization in Dense Wireless Networks. , 2017, , .		1
34	Distributed Enforcement of Sticky Policies with Flexible Trust. , 2015, , .		4
35	MIMO link scheduling for interference suppression in dense wireless networks. , 2015, , .		6
36	Jointly Optimizing Stream Allocation, Beamforming and Combining Weights for the MIMO Interference Channel. IEEE Transactions on Wireless Communications, 2015, 14, 2245-2256.	9.2	5

#	ARTICLE	IF	CITATIONS
37	Interference-aware proportional fairness for multi-rate wireless networks. , 2014, , .		8
38	Interference-aware multicast for wireless multihop networks. , 2014, , .		1
39	Joint optimization of stream allocation and beamforming and combining weights for the MIMO interference channel. , 2013, , .		2
40	The performance loss of unilateral interference cancellation. , 2012, , .		2
41	Replica Placement for Route Diversity in Tree-Based Routing Distributed Hash Tables. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 419-433.	5.4	7
42	Approximation Algorithms for Wireless Link Scheduling With SINR-Based Interference. IEEE/ACM Transactions on Networking, 2010, 18, 1701-1712.	3.8	68
43	AttributeTrust A Framework for Evaluating Trust in Aggregated Attributes via a Reputation System. , 2008, , .		18
44	The Design and Evaluation of Techniques for Route Diversity in Distributed Hash Tables. , 2007, , .		3
45	Privacy Preserving Collaborative Filtering Using Data Obfuscation. , 2007, , .		27
46	Privacy Preserving Collaborative Filtering Using Data Obfuscation. , 2007, , .		11
47	The Design and Evaluation of Techniques for Route Diversity in Distributed Hash Tables. , 2007, , .		0