

Justin Lipman

List of Publications by Year in descending order

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63
papers

2,469
citations

471509

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all docs

64
docs citations

64
times ranked

2505
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobility Model for Contact-Aware Data Offloading Through Train-to-Train Communications in Rail Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 597-609.	8.0	5
2	Performance analysis of multi-hop routing protocols in SDN-based wireless networks. Computers and Electrical Engineering, 2022, 97, 107393.	4.8	5
3	A Review on Antenna Technologies for Ambient RF Energy Harvesting and Wireless Power Transfer: Designs, Challenges and Applications. IEEE Access, 2022, 10, 17231-17267.	4.2	66
4	Science and Technology Parks: A Futuristic Approach. IEEE Access, 2022, 10, 31981-32021.	4.2	4
5	Statistical Learning-Based Grant-Free Access for Delay-Sensitive Internet of Things Applications. IEEE Transactions on Vehicular Technology, 2022, 71, 5492-5506.	6.3	4
6	Minute-wise frost prediction: An approach of recurrent neural networks. Array, 2022, 14, 100158.	4.0	1
7	Dynamic Routing Protocol Selection in Multi-Hop Device-to-Device Wireless Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 8796-8809.	6.3	1
8	Remote Water Salinity Sensor Using Metamaterial Perfect Absorber. IEEE Transactions on Antennas and Propagation, 2022, 70, 6785-6794.	5.1	10
9	A multi-layered intrusion detection system for software defined networking. Computers and Electrical Engineering, 2022, 101, 108042.	4.8	5
10	Toward Integrating Intelligence and Programmability in Open Radio Access Networks: A Comprehensive Survey. IEEE Access, 2022, 10, 67747-67770.	4.2	11
11	Intelligent and Reliable Millimeter Wave Communications for RIS-Aided Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21582-21592.	8.0	7
12	Low-profile dual-band pixelated defected ground antenna for multistandard IoT devices. Scientific Reports, 2022, 12, .	3.3	4
13	Review on Metamaterial Perfect Absorbers and Their Applications to IoT. IEEE Internet of Things Journal, 2021, 8, 4105-4131.	8.7	48
14	Internet of Things 2.0: Concepts, Applications, and Future Directions. IEEE Access, 2021, 9, 70961-71012.	4.2	61
15	Soil moisture remote sensing using SIW cavity based metamaterial perfect absorber. Scientific Reports, 2021, 11, 7153.	3.3	14
16	Optimal Synchronizability in Networks of Coupled Systems: Topological View. IEEE Transactions on Network Science and Engineering, 2021, 8, 1517-1530.	6.4	7
17	An End-to-End (E2E) Network Slicing Framework for 5G Vehicular Ad-Hoc Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 7103-7112.	6.3	22
18	Multi-band SIW Cavity Based Metamaterial Perfect Absorber. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Highly Sensitive Differential Microwave Sensor for Soil Moisture Measurement. IEEE Sensors Journal, 2021, 21, 27458-27464.	4.7	16
20	A Novel Approach for Big Data Classification and Transportation in Rail Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1239-1249.	8.0	26
21	PrivySharing: A blockchain-based framework for privacy-preserving and secure data sharing in smart cities. Computers and Security, 2020, 88, 101653.	6.0	184
22	Polarization-Insensitive Metamaterial Absorber for Crowd Estimation Based on Electromagnetic Energy Measurements. IEEE Transactions on Antennas and Propagation, 2020, 68, 1458-1467.	5.1	17
23	Optimizing synchronizability in networks of coupled systems. Automatica, 2020, 112, 108711.	5.0	10
24	Ultra Wideband Dual Polarization Metamaterial Absorber for 5G frequency spectrum. , 2020, , .		8
25	A Comprehensive Access Point Placement for IoT Data Transmission Through Train-Wayside Communications in Multi-Environment Based Rail Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 11937-11949.	6.3	6
26	PLEDGE: A Proof-of-Honesty based Consensus Protocol for Blockchain-based IoT Systems. , 2020, , .		7
27	Wide-angle metamaterial absorber with highly insensitive absorption for TE and TM modes. Scientific Reports, 2020, 10, 13638.	3.3	61
28	Frost Monitoring Cyber-Physical System: A Survey on Prediction and Active Protection Methods. IEEE Internet of Things Journal, 2020, 7, 6514-6527.	8.7	18
29	Crowd Estimation Using Electromagnetic Wave Power-Level Measurements: A Proof of Concept. IEEE Transactions on Vehicular Technology, 2020, 69, 784-792.	6.3	6
30	Statistical Learning-Based Dynamic Retransmission Mechanism for Mission Critical Communication: An Edge-Computing Approach. , 2020, , .		3
31	PLEDGE: An IoT-oriented Proof-of-Honesty based Blockchain Consensus Protocol. , 2020, , .		4
32	A Big Sensor Data Offloading Scheme in Rail Networks. , 2019, , .		2
33	Efficient Cellular Base Stations Sleep Mode Control Using Image Matching. , 2019, , .		3
34	Miniature tri-band wideband Sierpinski-Minkowski fractals metamaterial perfect absorber. IET Microwaves, Antennas and Propagation, 2019, 13, 991-996.	1.4	30
35	Low-Frequency Metamaterial Absorber Using Space-Filling Curve. Journal of Electronic Materials, 2019, 48, 6451-6459.	2.2	9
36	A Hybrid-Fuzzy Logic Guided Genetic Algorithm (H-FLGA) Approach for Resource Optimization in 5G VANETs. IEEE Transactions on Vehicular Technology, 2019, 68, 6964-6974.	6.3	51

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37	A Blockchain-based File-sharing System for Academic Paper Review. , 2019, , .		12
38	Mapping and Scheduling for Non-Uniform Arrival of Virtual Network Function (VNF) Requests. , 2019, , .		3
39	Mapping and Scheduling of Virtual Network Functions using Multi Objective Optimization Algorithm. , 2019, , .		3
40	Anatomy of Threats to the Internet of Things. IEEE Communications Surveys and Tutorials, 2019, 21, 1636-1675.	39.4	224
41	PrivySharing: A Blockchain-based Framework for Integrity and Privacy-preserving Data Sharing in Smart Cities. , 2019, , .		2
42	Multi Objective Resource Optimisation for Network Function Virtualisation Requests. , 2018, , .		3
43	Crowd Density Mapping Based on Wi-Fi Measurements on Train Platforms. , 2018, , .		1
44	A Multi-agent Controller to enable Cognition in Software Defined Networks. , 2018, , .		1
45	A Routing Framework for Offloading Traffic From Cellular Networks to SDN-Based Multi-Hop Device-to-Device Networks. IEEE Transactions on Network and Service Management, 2018, 15, 1516-1531.	4.9	26
46	Graph theory and its applications to future network planning: software-defined online small cell management. IEEE Wireless Communications, 2015, 22, 52-60.	9.0	21
47	Software-defined wireless networking: centralized, distributed, or hybrid?. IEEE Network, 2015, 29, 32-38.	6.9	79
48	Wireless Body Area Networks: A Survey. IEEE Communications Surveys and Tutorials, 2014, 16, 1658-1686.	39.4	1,178
49	Optimised relay selection for route discovery in reactive routing. Ad Hoc Networks, 2013, 11, 70-88.	5.5	15
50	A Review of Routing Protocols in Wireless Body Area Networks. Journal of Networks, 2013, 8, .	0.4	64
51	Energy efficient thermal and power aware (ETPA) routing in Body Area Networks. , 2012, , .		49
52	Hierarchical Collision-free Addressing Protocol(HCAP) for Body Area Networks. , 2011, , .		2
53	Addressing Schemes for Body Area Networks. IEEE Communications Letters, 2011, 15, 1310-1313.	4.1	3
54	Optimized prophet address allocation (OPAA) for Body Area Networks. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
55	On Optimising Route Discovery for Multi-interface and Power-Aware Nodes in Heterogeneous MANETs. , 2010, , .		5
56	Broadcast in Ad Hoc Networks. Computer Communications and Networks, 2009, , 121-150.	0.8	16
57	Self-selection route discovery strategies for reactive routing in ad hoc networks. , 2006, , .		2
58	On Cache Prefetching Strategies For Integrated Infostation-Cellular Network. Local Computer Networks (LCN), Proceedings of the IEEE Conference on, 2006, , .	0.0	5
59	A New Strategy to Improve Proactive Route Updates in Mobile Ad Hoc Networks. Eurasip Journal on Wireless Communications and Networking, 2005, 2005, 1.	2.4	1
60	An optimised resource aware approach to information collection in ad hoc networks. Ad Hoc Networks, 2005, 3, 643-655.	5.5	1
61	Localised Minimum Spanning Tree Flooding in Ad-Hoc Networks. , 2005, , 19-37.		1
62	NEIGHBOR AWARE ADAPTIVE POWER FLOODING (NAAP) IN MOBILE AD HOC NETWORKS. International Journal of Foundations of Computer Science, 2003, 14, 237-252.	1.1	15
63	Gongeroosâ€™99. Lecture Notes in Computer Science, 2000, , 572-575.	1.3	0