Negin Shariati

List of Publications by Year
in descending order

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37	691	567281 15	580821 25
papers	citations	h-index	g-index

37	37	37	556
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Sensitive and Compact Quad-Band Ambient RF Energy Harvester. IEEE Transactions on Industrial Electronics, 2022, 69, 3609-3621.	7.9	23
2	Performance analysis of multi-hop routing protocols in SDN-based wireless networks. Computers and Electrical Engineering, 2022, 97, 107393.	4.8	5
3	High-Sensitivity and Compact Time Domain Soil Moisture Sensor Using Dispersive Phase Shifter for Complex Permittivity Measurement. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	11
4	Internet of Things Networks: Enabling Simultaneous Wireless Information and Power Transfer. IEEE Microwave Magazine, 2022, 23, 39-54.	0.8	8
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	Remote Water Salinity Sensor Using Metamaterial Perfect Absorber. IEEE Transactions on Antennas and Propagation, 2022, 70, 6785-6794.	5.1	10
8	Low-profile dual-band pixelated defected ground antenna for multistandard IoT devices. Scientific Reports, 2022, 12, .	3.3	4
9	Review on Metamaterial Perfect Absorbers and Their Applications to IoT. IEEE Internet of Things Journal, 2021, 8, 4105-4131.	8.7	48
10	Internet of Things 2.0: Concepts, Applications, and Future Directions. IEEE Access, 2021, 9, 70961-71012.	4.2	61
11	Soil moisture remote sensing using SIW cavity based metamaterial perfect absorber. Scientific Reports, 2021, 11, 7153.	3.3	14
12	3D Luneburg Lens Antenna With Layered Structure for High-Gain Communication Systems. , 2021, , .		2
13	A Highly Efficient Spherical Luneburg Lens for Low Microwave Frequencies Realized With a Metal-Based Artificial Medium. IEEE Transactions on Antennas and Propagation, 2021, 69, 3758-3770.	5.1	22
14	Multi-band SIW Cavity Based Metamaterial Perfect Absorber. , 2021, , .		0
15	Highly Sensitive Differential Microwave Sensor for Soil Moisture Measurement. IEEE Sensors Journal, 2021, 21, 27458-27464.	4.7	16
16	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
17	Ultra Wideband Dual Polarization Metamaterial Absorber for 5G frequency spectrum. , 2020, , .		8
18	Wide-angle metamaterial absorber with highly insensitive absorption for TE and TM modes. Scientific Reports, 2020, 10, 13638.	3.3	61

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19	Frost Monitoring Cyberâ€“Physical System: A Survey on Prediction and Active Protection Methods. IEEE Internet of Things Journal, 2020, 7, 6514-6527.	8.7	18
20	Crowd Estimation Using Electromagnetic Wave Power-Level Measurements: A Proof of Concept. IEEE Transactions on Vehicular Technology, 2020, 69, 784-792.	6.3	6
21	Distribution system protection by coordinated fault current limiters. IET Energy Systems Integration, 2020, 2, 59-65.	1.8	20
22	Compound ferroresonance overvoltage and fault current limiter for power system protection. IET Energy Systems Integration, 2020, 2, 325-330.	1.8	13
23	Mm-wave Multi-Beam Antenna Array Based on Miniaturized Butler Matrix for 5G Applications. , 2020, , .		1
24	Low Profile Metamaterial Band-Pass Filter Loaded with 4-Turn Complementary Spiral Resonator for WPT Applications. , 2020, , .		10
25	Statistical Learning-Based Dynamic Retransmission Mechanism for Mission Critical Communication: An Edge-Computing Approach. , 2020, , .		3
26	Compact Planar Beamforming Array With Endfire Radiating Elements for 5G Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 6859-6869.	5.1	47
27	Miniature triâ€wideband Sierpinskiâ€“Minkowski fractals metamaterial perfect absorber. IET Microwaves, Antennas and Propagation, 2019, 13, 991-996.	1.4	30
28	Low-Frequency Metamaterial Absorber Using Space-Filling Curve. Journal of Electronic Materials, 2019, 48, 6451-6459.	2.2	9
29	A Data-Driven Based Voltage Control Strategy for DC-DC Converters: Application to DC Microgrid. Electronics (Switzerland), 2019, 8, 493.	3.1	18
30	A Blockchain-based File-sharing System for Academic Paper Review. , 2019, , .		12
31	Multitone Excitation Analysis in RF Energy Harvestersâ€”Considerations and Limitations. IEEE Internet of Things Journal, 2018, 5, 2804-2816.	8.7	16
32	Power Flow Control in Multi-Terminal HVDC Grids Using a Serial-Parallel DC Power Flow Controller. IEEE Access, 2018, 6, 56934-56944.	4.2	62
33	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
34	Addressing coverage problem in wireless sensor networks based on evolutionary algorithms. , 2017, , .		1
35	Highly sensitive FM frequency scavenger integrated in building materials. , 2015, , .		11
36	Multi-Service Highly Sensitive Rectifier for Enhanced RF Energy Scavenging. Scientific Reports, 2015, 5, 9655.	3.3	58

#	Article	IF	Citations
37	Highly sensitive rectifier for efficient RF energy harvesting. , 2014, , .		15