

Negin Shariati

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

691
citations

567281

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all docs

37
docs citations

37
times ranked

556
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Wide-angle metamaterial absorber with highly insensitive absorption for TE and TM modes. Scientific Reports, 2020, 10, 13638.	3.3	61
3	Internet of Things 2.0: Concepts, Applications, and Future Directions. IEEE Access, 2021, 9, 70961-71012.	4.2	61
4	Multi-Service Highly Sensitive Rectifier for Enhanced RF Energy Scavenging. Scientific Reports, 2015, 5, 9655.	3.3	58
5	Review on Metamaterial Perfect Absorbers and Their Applications to IoT. IEEE Internet of Things Journal, 2021, 8, 4105-4131.	8.7	48
6	Compact Planar Beamforming Array With Endfire Radiating Elements for 5G Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 6859-6869.	5.1	47
7	Miniature tri-band wideband Sierpinski-Minkowski fractals metamaterial perfect absorber. IET Microwaves, Antennas and Propagation, 2019, 13, 991-996.	1.4	30
8	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
9	Highly Sensitive and Compact Quad-Band Ambient RF Energy Harvester. IEEE Transactions on Industrial Electronics, 2022, 69, 3609-3621.	7.9	23
10	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
11	Distribution system protection by coordinated fault current limiters. IET Energy Systems Integration, 2020, 2, 59-65.	1.8	20
12	A Data-Driven Based Voltage Control Strategy for DC-DC Converters: Application to DC Microgrid. Electronics (Switzerland), 2019, 8, 493.	3.1	18
13	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
14	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
15	Multitone Excitation Analysis in RF Energy Harvesters—Considerations and Limitations. IEEE Internet of Things Journal, 2018, 5, 2804-2816.	8.7	16
16	Highly Sensitive Differential Microwave Sensor for Soil Moisture Measurement. IEEE Sensors Journal, 2021, 21, 27458-27464.	4.7	16
17	Highly sensitive rectifier for efficient RF energy harvesting. , 2014, , .		15
18	Soil moisture remote sensing using SIW cavity based metamaterial perfect absorber. Scientific Reports, 2021, 11, 7153.	3.3	14

#	ARTICLE	IF	CITATIONS
19	Compound ferroresonance overvoltage and fault current limiter for power system protection. IET Energy Systems Integration, 2020, 2, 325-330.	1.8	13
20	A Blockchain-based File-sharing System for Academic Paper Review. , 2019, , .		12
21	Highly sensitive FM frequency scavenger integrated in building materials. , 2015, , .		11
22	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
23	Low Profile Metamaterial Band-Pass Filter Loaded with 4-Turn Complementary Spiral Resonator for WPT Applications. , 2020, , .		10
24	Remote Water Salinity Sensor Using Metamaterial Perfect Absorber. IEEE Transactions on Antennas and Propagation, 2022, 70, 6785-6794.	5.1	10
25	Low-Frequency Metamaterial Absorber Using Space-Filling Curve. Journal of Electronic Materials, 2019, 48, 6451-6459.	2.2	9
26	Ultra Wideband Dual Polarization Metamaterial Absorber for 5G frequency spectrum. , 2020, , .		8
27	Internet of Things Networks: Enabling Simultaneous Wireless Information and Power Transfer. IEEE Microwave Magazine, 2022, 23, 39-54.	0.8	8
28	Crowd Estimation Using Electromagnetic Wave Power-Level Measurements: A Proof of Concept. IEEE Transactions on Vehicular Technology, 2020, 69, 784-792.	6.3	6
29	Performance analysis of multi-hop routing protocols in SDN-based wireless networks. Computers and Electrical Engineering, 2022, 97, 107393.	4.8	5
30	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
31	Low-profile dual-band pixelated defected ground antenna for multistandard IoT devices. Scientific Reports, 2022, 12, .	3.3	4
32	Statistical Learning-Based Dynamic Retransmission Mechanism for Mission Critical Communication: An Edge-Computing Approach. , 2020, , .		3
33	3D Luneburg Lens Antenna With Layered Structure for High-Gain Communication Systems. , 2021, , .		2
34	Addressing coverage problem in wireless sensor networks based on evolutionary algorithms. , 2017, , .		1
35	Mm-wave Multi-Beam Antenna Array Based on Miniaturized Butler Matrix for 5G Applications. , 2020, , .		1
36	Minute-wise frost prediction: An approach of recurrent neural networks. Array, 2022, 14, 100158.	4.0	1

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37	Multi-band SIW Cavity Based Metamaterial Perfect Absorber. , 2021, , .		0