

Ashutosh Kumar Singh

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

398
citations

1040056

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h-index

940533

16
g-index

24
all docs

24
docs citations

24
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of image thermography in early breast cancer detection- Past, present and future. Computer Methods and Programs in Biomedicine, 2020, 183, 105074.	4.7	104
2	Fuzzy logic based clustering in wireless sensor networks: a survey. International Journal of Electronics, 2013, 100, 126-141.	1.4	47
3	Design of dual band four port circularly polarized MIMO DRA for WLAN/WiMAX applications. Journal of Electromagnetic Waves and Applications, 2020, 34, 1990-2009.	1.6	38
4	Metamaterial inspired dielectric resonator MIMO antenna for isolation enhancement and linear to circular polarization of waves. Measurement: Journal of the International Measurement Confederation, 2021, 182, 109681.	5.0	29
5	Quad-Port ring dielectric resonator based MIMO radiator with polarization and space diversity. Microwave and Optical Technology Letters, 2020, 62, 2316-2327.	1.4	28
6	Solar photovoltaic tree and its end-of-life management using thermal and chemical treatments for material recovery. Case Studies in Thermal Engineering, 2019, 14, 100474.	5.7	24
7	Effective solar power harnessing using a few novel solar tree designs and their performance assessment. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, 41, 1828-1837.	2.3	23
8	Circularly Polarized Quad-Port MIMO Dielectric Resonator Antenna with Beam Tilting Feature for Vehicular Communication. IETE Technical Review (Institution of Electronics and Telecommunication) Tj ETQq0 0 0 ngBT /Overlock 10 Tf 5	2.3	23
9	An optimised fuzzy clustering for wireless sensor networks. International Journal of Electronics, 2014, 101, 1027-1041.	1.4	14
10	Solar photovoltaic tree: a review of designs, performance, applications, and challenges. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-28.	2.3	14
11	Circularly Polarized Two Port MIMO Cylindrical DRA for 5G Applications. , 2020, , .		12
12	Modified design of microstrip patch antenna for WiMAX communication system. , 2014, , .		9
13	Design and Analysis of Dual-band Circularly Polarized Hybrid Ring Cylindrical Dielectric Resonator Antenna for Wireless Applications in C and X-Band. Wireless Personal Communications, 2022, 126, 1383-1401.	2.7	8
14	Design of a Compact CPW-Fed Monopole Antenna With Asymmetrical Hexagonal Slot Loaded Ground Structure for C/X/Ku Band Applications. Electrical, Control and Communication Engineering, 2020, 16, 15-22.	0.8	7
15	Novel Inset Feed Circular Slotted Microstrip Antenna Using Multilayer Feed-Forward Back-Propagation and Radial Basis Function Neural Network. The National Academy of Sciences, India, 2020, 43, 343-345.	1.3	4
16	Fractional order adaptive Kalman filter for sensorless speed control of DC motor. International Journal of Electronics, 2023, 110, 373-390.	1.4	4
17	Sensorless speed control of DC motor using EKF estimator and TSK fuzzy logic controller. Automatika, 2022, 63, 338-348.	2.0	4
18	Design of Fibonacci Sequence-Based Solar Tree and Analysis the Performance Parameter of Different Phyllotaxy Pattern Based Solar Tree: An Experimental Approach. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
19	Dual-Band and Dual Polarized Inverted Pentagonal Shaped Hybrid Cylindrical Dielectric Resonator Antenna for Wireless Applications. <i>Wireless Personal Communications</i> , 0, , 1.	2.7	3
20	A novel approach for energy management in wireless Ad Hoc Network by topology control. , 2011, , .		1
21	Design and Analysis of Double CDRA with Extended Wideband Characteristics for C- and X-Band Applications. <i>IETE Journal of Research</i> , 2023, 69, 6720-6732.	2.6	1
22	A novel design of circularly polarized ring CDRA with wideband impedance bandwidth using slotted microstrip feed line for X-band applications. <i>International Journal of Microwave and Wireless Technologies</i> , 0, , 1-10.	1.9	1
23	Circularly Polarized Wideband Ring CDRA for Wireless Applications. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 365-370.	0.4	0