

Koushik Dutta

List of Publications by Year in descending order

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25
papers

162
citations

1478505

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25
docs citations

25
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	New Design Approach for Mutual Coupling Reduction in Two-Port Compact Antenna Array for W-LAN MIMO Applications. , 2022, , .		1
2	Geometrical Optics-Based Advanced Design of an Open Cavity Resonant Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 322-326.	4.0	10
3	Wideband Design of A Circularly Polarized Fabry-Perot Cavity Antenna. , 2021, , .		2
4	An analytical approach of designing compact microstrip patch antenna using metal-ring superstrate for wideband and broadside radiations. AEU - International Journal of Electronics and Communications, 2020, 127, 153437.	2.9	9
5	Flexible and miniaturized design of microstrip patch antenna with improved cross-polarized radiation. AEU - International Journal of Electronics and Communications, 2020, 116, 153083.	2.9	13
6	Design of Microstrip Patch Antenna for Dual-band Operation using Metal Ring Superstrate. International Journal of Recent Technology and Engineering, 2020, 8, 4539-4543.	0.2	1
7	Design of Wideband Resonant Cavity Antenna using Particle Swarm Optimization. International Journal of Recent Technology and Engineering, 2020, 8, 2360-2364.	0.2	1
8	Quasi-Optical Design Approach for Resonant Cavity Antenna with Improved Characteristics. , 2020, , .		0
9	Dual-Band Design of Microstrip Patch Antenna with Copper Ring Superstrate for X-Band Applications. , 2020, , .		1
10	Advanced Design of Transmitting Antenna System for Polarization Modulation. , 2020, , .		0
11	Design of Rectangular Microstrip Antenna with Defected Patch Surface for Improved Cross-Polarized Radiations. , 2020, , .		0
12	Fabry-Perot Resonant Cavity Antenna: New Theory and Design Opportunity. , 2019, , .		2
13	A Wideband Design of Microstrip Patch Antenna Loaded with Metal Ring Superstrate. , 2019, , .		1
14	An Improved Design of Microstrip Patch for the Suppression of Cross-Polarized Radiations. , 2019, , .		0
15	An Efficient Design Methodology for Fabry-Perot Cavity Antenna. , 2019, , .		2
16	Wideband Design of a Fabry-Perot Cavity Antenna with Improved Features. , 2018, , .		4
17	A New Fabry-Perot Cavity Antenna with Wideband Characteristics. , 2018, , .		2
18	Wideband Design of Dielectric Resonator Antenna using Defected Ground Structure. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Theory of Controlled Aperture Field for Advanced Superstrate Design of a Resonance Cavity Antenna With Improved Radiations Properties. IEEE Transactions on Antennas and Propagation, 2017, 65, 1399-1403.	5.1	31
20	New idea of antenna based modulation technique demonstrated as polarization shift keying. , 2017, , .		1
21	Synthesizing Aperture Fields Over the Superstrate of Resonance Cavity Antenna for Modifying Its Radiation Properties. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1677-1680.	4.0	27
22	Simple and new design of resonance gain antenna for circular polarization with improved characteristics. , 2015, , .		3
23	New Approach in Designing Resonance Cavity High-Gain Antenna Using Nontransparent Conducting Sheet as the Superstrate. IEEE Transactions on Antennas and Propagation, 2015, 63, 2807-2813.	5.1	51
24	Resonance gain antenna using fully reflecting surface (FRS): New boundary condition to realize wideband high gain operation. , 2014, , .		0
25	New circularly polarized resonance cavity antenna. , 2013, , .		0