

Thomaskutty Mathew

List of Publications by Year in descending order

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44
papers

185
citations

1307594

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h-index

1372567

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g-index

45
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docs citations

45
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	A NOVEL PROXIMITY FED GAP COUPLED MICROSTRIP PATCH ARRAY FOR WIRELESS APPLICATIONS. Progress in Electromagnetics Research C, 2016, 61, 171-178.	0.9	17
2	Size reduction of microstrip patch antenna through metamaterial approach for WiMAX application. , 2017, , .		16
3	Microstrip antenna based on durer pentagon fractal patch for multiband wireless applications. , 2014, , .		13
4	Frequency tunable metallo-dielectric structure for backscattering reduction. Electronics Letters, 2004, 40, 1245.	1.0	12
5	Intelligent Path Discovery for a Mobile Sink in Wireless Sensor Network. Procedia Computer Science, 2018, 143, 749-756.	2.0	11
6	Wideband trapezoidal strip grating for elimination of specular reflection. Electronics Letters, 1994, 30, 1037-1039.	1.0	10
7	New simulated corrugated scattering surface giving wideband characteristics. Electronics Letters, 1993, 29, 329.	1.0	10
8	A modified strip grating with dual periodicity for RCS reduction. Microwave and Optical Technology Letters, 1994, 7, 315-317.	1.4	8
9	David fractal antenna for multiband wireless communication. , 2014, , .		8
10	Low backscattered dual-polarised metallo-dielectric structure based on Sierpinski carpet. Microwave and Optical Technology Letters, 2004, 40, 246-248.	1.4	7
11	MULTIBAND CIRCULARLY POLARISED MICROSTRIP PATCH ANTENNA WITH MINKOWSKI FRACTAL SLOT FOR WIRELESS COMMUNICATIONS. Progress in Electromagnetics Research C, 2021, 116, 65-80.	0.9	7
12	The performance of a novel simulated corrugated surface for the reduction of radar cross section. Microwave and Optical Technology Letters, 1993, 6, 615-617.	1.4	6
13	Wearable Antennas and Systems. International Journal of Antennas and Propagation, 2012, 2012, 1-2.	1.2	6
14	Dual band dipole antenna for RFID/WSN applications. , 2014, , .		5
15	A broadband miniaturized UHF RFID dipole tag antenna with tapered meandered arms. Microwave and Optical Technology Letters, 2017, 59, 1142-1145.	1.4	5
16	Microstrip antenna with DGS based on CSRR array for WiMAX applications. International Journal of Electrical and Computer Engineering, 2019, 9, 157.	0.7	5
17	Dual band circularly polarized truncated patch antenna for RFID reader and WiMAX applications. , 2015, , .		4
18	SRR LOADED COMPACT UHF RFID TAG FOR BROADBAND OPERATION. Progress in Electromagnetics Research C, 2016, 70, 175-182.	0.9	4

#	ARTICLE	IF	CITATIONS
19	UHF RFID dipole tag with modified multi-fractal cantor arms for enhanced read range. Microwave and Optical Technology Letters, 2016, 58, 1173-1175.	1.4	4
20	Congestion bottleneck avoid routing in wireless sensor networks. International Journal of Electrical and Computer Engineering, 2019, 9, 4804.	0.7	4
21	RCS and read range of a UHF RFID tag. , 2010, , .		3
22	Meandered dipole RFID tag for metallic objects. , 2015, , .		3
23	Triple Band Printed Modified Bow-tie Antenna for RFID Reader/ISM Applications. Procedia Computer Science, 2016, 93, 48-52.	2.0	3
24	Lossless address data compression using quadtree clustering of the sensors in a grid based WSN. Ad Hoc Networks, 2017, 56, 84-95.	5.5	3
25	Microstrip multi-stopband filter based on tree fractal slotted resonator. International Journal of Electrical and Computer Engineering, 2019, 9, 3657.	0.7	3
26	Analysis of a dual periodic strip grating. Microwave and Optical Technology Letters, 1996, 13, 173-175.	1.4	1
27	Microstrip Bandstop Filters Based on Hexagonal Complementary Split Ring Resonators. , 2015, , .		1
28	A novel dual-band microstrip patch array. , 2015, , .		1
29	A modified bow-tie antenna for dual band RFID applications. , 2015, , .		1
30	A novel aperture coupled microstrip circular patch antenna for dual band operation. , 2017, , .		1
31	AN ARROW HEADED MODIFIED CROSS SLOT ARRAY ANTENNA WITH DUAL BAND CHARACTERISTICS AND CIRCULAR POLARISATION. Progress in Electromagnetics Research M, 2018, 74, 33-40.	0.9	1
32	Minimum Shared-Link-Count Forwarding for Alleviating Congestion in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2019, , 423-440.	0.4	1
33	Design of Micro-Hydro power plant using an induction motor as a generator. , 2014, , .		0
34	Design and financial analysis of a micro grid-tie solar PV system for a small scale industry in Kerala. , 2014, , .		0
35	SRR loaded dipole RFID tag for UHF band. , 2015, , .		0
36	Series SRR Loaded UHF RFID Tag. Procedia Computer Science, 2016, 93, 238-242.	2.0	0

#	ARTICLE	IF	CITATIONS
37	Rhombic Split Ring Resonator (R-SRR) RFID tag for UHF band. , 2016, , .		0
38	Novel single layer proximity fed microstrip patch array with gap coupled resonators. , 2016, , .		0
39	Cluster head placement in Wireless Sensor Network for reliable connectivity and lifetime extension. , 2017, , .		0
40	UHF RFID dipole tag with modified multi-fractal cantor arms for broadband operation. , 2017, , .		0
41	In-network Data Compression in Wireless Sensor Networks Using Distributed Block Truncation Coding. , 2018, , .		0
42	UHF RFID Tag Based on Modified Dihedral Corner for Enhanced Read Range and Broadband Operation. Advanced Electromagnetics, 2018, 7, 64-68.	1.0	0
43	Microstrip dual mode multi-bandpass filters based on tree fractal slotted resonator for wireless communication. Indonesian Journal of Electrical Engineering and Informatics, 2019, 7, .	0.3	0
44	CPW fed SRR loaded monopole antenna for triple band operations. International Journal of Electrical and Computer Engineering, 2020, 10, 3145.	0.7	0