

Sujith Raman

List of Publications by Year in descending order

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60
papers

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citations

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61
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61
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61
times ranked

684
citing authors

#	ARTICLE	IF	CITATIONS
1	4-Port Microstrip planar resonator for multiband microwave material characterization applications. , 2022, , .		0
2	Mechanically frequency reconfigurable antenna for WSN, WLAN, and LTE 2500 based internet of things applications. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22318.	1.2	8
3	Complex Permittivity Extraction of Planar Dielectrics Using a Noninvasive Microwave Transmission Line Resonant Technique. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	17
4	Low Cost Multifunctional Planar RF Sensors for Dielectric Characterization and Quality Monitoring. IEEE Sensors Journal, 2021, 21, 24056-24065.	4.7	9
5	Bio-based Materials for Microwave Devices: A Review. Journal of Electronic Materials, 2021, 50, 1893-1921.	2.2	8
6	Dual MIMO Antenna System for 5G Mobile Phones, 5.2 GHz WLAN, 5.5 GHz WiMAX and 5.8/6 GHz WiFi Applications. IEEE Access, 2021, 9, 106734-106742.	4.2	20
7	Yagi-Uda-Inspired Pattern Reconfigurable MIMO Antenna with Suppressed Harmonics and Minimum Parasitic Presence for WLAN Applications. , 2020, , .		1
8	Head-compliant microstrip split ring resonator for non-invasive healing monitoring after craniostomosis-based surgery. Healthcare Technology Letters, 2020, 7, 29-34.	3.3	3
9	Parasitically Coupled Microstrip Patch Antenna for DCS and WLAN Applications. , 2020, , .		0
10	Electromagnetic Interference (EMI): Measurement and Reduction Techniques. Journal of Electronic Materials, 2020, 49, 2975-2998.	2.2	49
11	Metamaterial Inspired RF Planar Sensor for Dielectric Characterization and Identification of Adulteration in Vegetable Oils. , 2020, , .		2
12	A Flexible PVA/CaCO ₃ Dielectric Film for Microwave Antenna Applications. , 2020, , .		1
13	A Novel CR/L-H Transmission Line based Bandpass Filter for sub 6 GHz 5G. , 2020, , .		1
14	A quasi-elliptic Band Pass Filter designed using quadruplet metamaterial resonators for operation in the 3 GHz (5G) Band. , 2020, , .		1
15	2.45 GHz Pattern Reconfigurable Antenna for Wireless Sensor Network applications. , 2019, , .		4
16	Mechanically Frequency Reconfigurable Antenna and its Application as a Fluid Level Detector for Wireless Sensor Networks. , 2019, , .		8
17	Applications of Microwave Materials: A Review. Journal of Electronic Materials, 2019, 48, 2601-2634.	2.2	120
18	3-port MIMO Antenna for UWB Applications with Polarization Dependency Analysis. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Dual-band Antennas with Multifunctional Beam for DCS/WLAN Applications. , 2018, , .		0
20	A Quad-port MIMO Antenna with Beam Switching and Pattern Reconfiguration Capability for UWB Applications. , 2018, , .		2
21	CPW fed Antenna for Nearfield Sensor Applications. , 2018, , .		2
22	Microstrip patch based switched beam antenna at 2.45 GHz for wireless sensor network applications. Journal of Electromagnetic Waves and Applications, 2017, 31, 1333-1341.	1.6	7
23	Microwave reflectivity analysis of bone mineral density using ultra wide band antenna. Microwave and Optical Technology Letters, 2017, 59, 21-26.	1.4	11
24	Bone mineral density analysis using ultra wideband microwave measurements. , 2015, , .		7
25	Relative permittivity measurements of EtOH and MtOH mixtures for calibration standards in 1-15 GHz range. Electronics Letters, 2014, 50, 358-359.	1.0	6
26	An SIR loaded modified dipole antenna. , 2014, , .		0
27	Osseointegration analysis of skull implants using microstrip fed split ring resonator antenna. , 2014, , .		0
28	Microwave phantoms for craniotomy follow-up probe development. , 2014, , .		8
29	Geometrical and dimensional dependance of skull implants on oseointegration analysis using microwave probe. , 2014, , .		0
30	A planar compact metamaterial-inspired broadband antenna. Microwave and Optical Technology Letters, 2014, 56, 610-613.	1.4	2
31	Multi resonance based chipless RFID tag with high data encoding capacity. , 2014, , .		2
32	A high gain compact coplanar stripline fed antenna for wireless applications. , 2014, , .		0
33	Noninvasive Osseointegration Analysis of Skull Implants With Proximity Coupled Split Ring Resonator Antenna. IEEE Transactions on Antennas and Propagation, 2014, 62, 5431-5436.	5.1	24
34	Low-Cost Multiple-Bit Encoded Chipless RFID Tag Using Stepped Impedance Resonator. IEEE Transactions on Antennas and Propagation, 2014, 62, 4762-4770.	5.1	73
35	Experimental Procedure for Determination of the Dielectric Properties of Biological Samples in the 2-50 GHz Range. IEEE Journal of Translational Engineering in Health and Medicine, 2014, 2, 1-8.	3.7	9
36	Microstrip-Fed Pattern- and Polarization- Reconfigurable Compact Truncated Monopole Antenna. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 710-713.	4.0	53

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37	Complementary split ring resonator-based microstrip antenna for compact wireless applications. Microwave and Optical Technology Letters, 2013, 55, 814-816.	1.4	3
38	Gain enhanced pattern reconfigurable planar Yagi-Uda antenna on coplanar structure. Electronics Letters, 2013, 49, 1593-1595.	1.0	20
39	Microstrip fed ground modified compact antenna with reconfigurable radiation pattern for BANs. , 2012, , .		7
40	A compact asymmetric coplanar strip fed dual-band antenna for DCS/WLAN applications. Microwave and Optical Technology Letters, 2012, 54, 1087-1089.	1.4	38
41	Modified CPW fed monopole antenna with a radiation pattern suitable for mobile handset. , 2011, , .		4
42	Compact coplanar waveguide fed ground meandered antenna for wireless application. , 2011, , .		3
43	Novel Low Loss, Low Permittivity Glass-Ceramic Composites for LTCC Applications. International Journal of Applied Ceramic Technology, 2011, 8, 172-179.	2.1	36
44	Studies on the effect of mobile phone radiation on DNA using laser induced fluorescence technique. Laser Physics, 2011, 21, 1945-1949.	1.2	7
45	Effect of silane coupling agent on the dielectric and thermal properties of DGEBA-forsterite composites. Journal of Polymer Research, 2011, 18, 811-819.	2.4	12
46	Compact CPW-fed uniplanar antenna for multiband wireless applications. AEU - International Journal of Electronics and Communications, 2011, 65, 553-559.	2.9	14
47	Compact CPW-Fed slot antenna with harmonic suppression. International Journal of RF and Microwave Computer-Aided Engineering, 2011, 21, 543-550.	1.2	3
48	PTFE-SWNT composite for microwave absorption application. Materials Letters, 2010, 64, 743-745.	2.6	4
49	MOBILE ANTENNA WITH REDUCED RADIATION HAZARDS TOWARDS HUMAN HEAD. Progress in Electromagnetics Research Letters, 2010, 17, 39-46.	0.7	8
50	Compact CPW-fed ground defected H-shaped slot antenna with harmonic suppression and stable radiation characteristics. Electronics Letters, 2010, 46, 812.	1.0	25
51	Effect of coupling agent on the thermal and dielectric properties of PTFE/Sm ₂ Si ₂ O ₇ composites. Composites Part A: Applied Science and Manufacturing, 2010, 41, 1148-1155.	7.6	52
52	Polymer ceramic composites for microwave substrate and antenna applications. , 2010, , .		2
53	Slot line FED dipole antenna for wide band applications. Microwave and Optical Technology Letters, 2009, 51, 826-830.	1.4	9
54	A compact dual-band modified T-shaped CPW-fed monopole antenna. Microwave and Optical Technology Letters, 2009, 51, 937-939.	1.4	21

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55	Compact asymmetric coplanar strip-fed antenna for wideband applications. Microwave and Optical Technology Letters, 2009, 51, 1170-1172.	1.4	2
56	ACS fed printed F-shaped uniplanar antenna for dual band WLAN applications. Microwave and Optical Technology Letters, 2009, 51, 1852-1856.	1.4	54
57	CPW-fed quad-band antenna for compact wireless application. , 2009, , .		0
58	Compact csrr based patch antenna for wireless applications. , 2009, , .		3
59	Asymmetric Coplanar Strip fed wide band antenna. , 2008, , .		1
60	Compact uniplanar antenna for multiband applications. , 2008, , .		0