

Rakesh S Kshetrimayum

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

103
papers

705
citations

13
h-index

21
g-index

129
ext. papers

968
ext. citations

1.6
avg, IF

4.96
L-index

#	Paper	IF	Citations
103	Space Efficient Meta-grid Lines for Mutual Coupling Reduction in Two-Port Planar Monopole and DRA Array. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
102	Comment on Compact UWB Monopole Antenna for Automotive Communications <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	0
101	Advanced Spatial Modulation for Underwater Optical Wireless Communication. <i>Signals and Communication Technology</i> , 2021 , 141-190	0.5	
100	Advanced Spatial Modulation for FSO Communication. <i>Signals and Communication Technology</i> , 2021 , 87-140	0.5	
99	Advanced Spatial Modulation for Body Area Network Based Communication. <i>Signals and Communication Technology</i> , 2021 , 43-85	0.5	
98	Advanced Spatial Modulation for Hybrid FSO/RF Communication. <i>Signals and Communication Technology</i> , 2021 , 191-216	0.5	
97	Channel Model. <i>Signals and Communication Technology</i> , 2021 , 25-42	0.5	0
96	RIS-Assisted Spatial Modulation and Space Shift Keying for Ambient Backscattering Communications 2021 ,		4
95	Ultra-Broadband Bandpass Filter Using Linearly Tapered Coupled-Microstrip Line and Open Loop Defected Ground Structure. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 181-185	3.5	4
94	Advanced Spatial Modulation Systems. <i>Signals and Communication Technology</i> , 2021 ,	0.5	3
93	RIS-Assisted Advanced Spatial Modulation Techniques for Ambient Backscattering Communications. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 1-1	4	4
92	Hybrid spoof surface plasmon polariton and substrate integrated waveguide bandpass filter with high out-of-band rejection for X-band applications. <i>IET Microwaves, Antennas and Propagation</i> , 2021 , 15, 289-299	1.6	4
91	Relay Based Hybrid FSO/RF Communication With Hybrid Spatial Modulation and Transmit Source Selection. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5018-5027	6.9	11
90	Transmit laser selection for dual hop decode and forward UOWC cooperative communication 2020 ,		2
89	Comment on Hybrid Spoof Surface Plasmon Polariton and Substrate Integrated Waveguide Broadband Bandpass Filter With Wide Out-of-Band Rejection <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 222-222	2.6	2
88	Advanced Optical Spatial Modulation Techniques for FSO Communication. <i>IEEE Transactions on Communications</i> , 2020 , 1-1	6.9	3
87	High port-to-port isolation dual circularly polarised microstrip patch antenna with multifunction DGS. <i>IET Microwaves, Antennas and Propagation</i> , 2020 , 14, 2035-2044	1.6	2

86	Optical Improved Quadrature Spatial Modulation for Cooperative Underwater Wireless Communication under Weak Oceanic Turbulence Conditions. <i>IET Optoelectronics</i> , 2020 , 14, 434-439	1.5	3
85	Rectangular DRA Array for 24 GHz ISM-Band Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1501-1505	3.8	3
84	Low mutual coupling six-port planar antenna for the MIMO applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22439	1.5	6
83	Performance Analysis of B2B Communication for Different Sporting Activities 2019 , 3, 1-4		2
82	Transmit Laser Selection for Two Hop Decode and Forward FSO Communication With Pointing Errors. <i>IEEE Communications Letters</i> , 2019 , 23, 2301-2305	3.8	7
81	Outage probability bound of decode and forward two-way full-duplex relay employing spatial modulation over cascaded Γ channels. <i>International Journal of Communication Systems</i> , 2019 , 32, e3876	1.7	12
80	High inter-port isolation dual circularly polarized slot antenna with split-ring resonator based novel metasurface. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 107, 146-156	2.8	13
79	Low profile dual band-stop super wideband printed monopole antenna with polarization diversity. <i>International Journal of Microwave and Wireless Technologies</i> , 2019 , 11, 694-702	0.8	3
78	High inter-port isolation dual circularly polarized slot antenna with interdigital capacitor. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019 , 29, e21903	1.5	2
77	Outage probability bound of decode and forward two-way relay employing optical spatial modulation over gamma-gamma channels. <i>IET Optoelectronics</i> , 2019 , 13, 183-190	1.5	10
76	Dual circularly polarised travelling wave slot antenna array. <i>Electronics Letters</i> , 2019 , 55, 1071-1073	1.1	1
75	Advanced spatial modulation for efficient MIMO-based B2B communications in sporting activities. <i>IET Communications</i> , 2019 , 13, 3529-3536	1.3	3
74	Dual-port, aperture coupled and tapered fed patch antenna for full-duplex ISM applications. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 542-545	1.2	
73	Analytical BER Calculation of TAS/MRC-Based Two Hop UWB Communication System Over IEEE 802.15.4a Channel. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2018 , 35, 467-475	1.5	3
72	Performance analysis of one- and two-way relays for underwater optical wireless communications. <i>OSA Continuum</i> , 2018 , 1, 1400	1.4	18
71	Linear Tapers: Analysis, Design and Applications 2018 ,		3
70	Spectrum Sensing and Collision with Primary Users in MIMO Cognitive Radio 2018 ,		1
69	Notched UWB filter using exponential tapered impedance line stub loaded microstrip resonator. <i>Journal of Engineering</i> , 2018 , 2018, 768-772	0.7	5

68	Super wideband antenna with single band suppression. <i>International Journal of Microwave and Wireless Technologies</i> , 2017 , 9, 143-150	0.8	16
67	Average SINR analysis of mm-wave MIMO system at 60 GHz band using first and second order moments 2017 ,		2
66	Transmit Antenna Selection in the Cooperative Communication Based UWB System. <i>Wireless Personal Communications</i> , 2017 , 94, 3001-3015	1.9	2
65	End to end performance analysis of M2M cooperative communication over cascaded $\alpha\beta$ channels 2017 ,		2
64	A Compact Dual Band-Notched Circular Ring Printed Monopole Antenna for Super wideband Applications. <i>Radioengineering</i> , 2017 , 26, 64-70	0.8	15
63	Fundamentals of MIMO Wireless Communications 2017 ,		25
62	Performance Analysis of MIMO Systems with Antenna Selection over Generalized $\alpha\beta$ Fading Channels. <i>IETE Journal of Research</i> , 2016 , 62, 45-54	0.9	5
61	Printed monopole antennas on uniaxial substrate: theory and simulation. <i>Electronics Letters</i> , 2016 , 52, 796-798	1.1	
60	Local search based near optimal low complexity detection for large MIMO System 2016 ,		6
59	Source and relay transmit antenna selection in two hop cooperative communication systems over $\alpha\beta$ fading channels 2016 ,		3
58	Analysis of TAS/MRC based MIMO Systems over $\alpha\beta$ Fading Channels. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2015 , 32, 252-259	1.5	9
57	MGF Based Approximate SER Calculation of SM MIMO Systems Over Generalized $\alpha\beta$ and $\alpha\beta$ Fading Channels. <i>Wireless Personal Communications</i> , 2015 , 83, 1903-1913	1.9	5
56	On the equivalent circuit, input impedance, reflection coefficient, and bandwidth of printed monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1535-1538	1.2	
55	Error performance of two-hop decode and forward relaying systems with source and relay transmit antenna selection. <i>Electronics Letters</i> , 2015 , 51, 530-532	1.1	6
54	Analysis of UWB communication over IEEE 802.15.3a channel by superseding lognormal shadowing by Mixture of Gamma distributions. <i>AEU - International Journal of Electronics and Communications</i> , 2015 , 69, 1795-1799	2.8	7
53	Analysis of space-time block coded spatial modulation in correlated Rayleigh and Rician fading channels 2015 ,		3
52	Low complexity detection algorithm for Alamouti like STBC for large MIMO systems 2015 ,		3
51	Bandwidth enhancement of printed monopole antennas using magnetodielectric cover 2015 ,		1

50	Transmit antenna selection for UWB communication system over IEEE 802.15.3a channel 2015 ,		2
49	Compact and Wide Stopband Lowpass Filter Using Open Complementary Split Ring Resonator and Defected Ground Structure. <i>Radioengineering</i> , 2015 , 24, 708-711	0.8	11
48	Novel Notched UWB Filter Using Stepped Impedance Stub Loaded Microstrip Resonator and Spurlines. <i>International Journal of Microwave Science and Technology</i> , 2015 , 2015, 1-5		6
47	Derivation of potential Green functions for ungrounded dielectric slab and its application in full wave analysis of PMAs. <i>Journal of Electromagnetic Waves and Applications</i> , 2015 , 29, 2242-2256	1.3	1
46	A compact printed triangular monopole antenna for ultrawideband applications. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1155-1159	1.2	10
45	Performance analysis comparison of transmit antenna selection with maximal ratio combining and orthogonal space time block codes in equicorrelated Rayleigh fading multiple input multiple output channels. <i>IET Communications</i> , 2014 , 8, 1850-1858	1.3	12
44	Printed monopole antenna with tapered feed line, feed region and patch for super wideband applications. <i>IET Microwaves, Antennas and Propagation</i> , 2014 , 8, 39-45	1.6	62
43	Outage probability analysis of spatial modulation systems with antenna selection. <i>Electronics Letters</i> , 2014 , 50, 125-126	1.1	25
42	Approximate symbol error rate of cooperative communication over generalised α and η fading channels. <i>Journal of Engineering</i> , 2014 , 2014, 16-19	0.7	
41	A novel super wideband notched printed trapezoidal monopole antenna with triangular tapered feedline 2014 ,		7
40	Analytical calculations of CCDF for some common PAPR reduction techniques in OFDM systems 2012 ,		18
39	Analytical BER calculation of TH-PPM UWB system in presence of NBI taking into account IPI, ICI and ISI 2012 ,		1
38	A printed 2.4 GHz/5.8 GHz dual-band monopole antenna for WLAN and RFID applications with a protruding stub in the ground plane 2011 ,		5
37	A PRINTED 2.4 GHZ/5.8 GHZ DUAL-BAND MONOPOLE ANTENNA WITH A PROTRUDING STUB IN THE GROUND PLANE FOR WLAN AND RFID APPLICATIONS. <i>Progress in Electromagnetics Research</i> , 2011 , 117, 425-434	3.8	41
36	Size Miniaturized Rat-Race Coupler Using Open Complementary Split Ring Resonator. <i>IEICE Transactions on Electronics</i> , 2011 , E94-C, 1601-1604	0.4	
35	Compact, deep, and wide rejection bandwidth low-pass filter using open complementary split ring resonator. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 845-848	1.2	10
34	An F-shaped printed monopole antenna for dual-band RFID and WLAN applications. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 1478-1481	1.2	18
33	A 3.4/5.5 GHz dual-band notched UWB printed monopole antenna with two open-circuited stubs in the microstrip feedline. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 2973-2978	1.2	7

32	Compact, harmonic suppressed power divider using open complementary split-ring resonator. <i>Microwave and Optical Technology Letters</i> , 2011 , 53, 2897-2899	1.2	10
31	A compact printed 9-shaped dual-band monopole antenna for WLAN and RFID applications 2010 ,		3
30	A planar microstrip-line fed elliptical UWB 5.2 GHz/5.8 GHz notch antenna with U-shaped slot 2010 ,		5
29	A compact CPW-fed hexagonal 5 GHz/6 GHz band-notched antenna with an U-shaped slot for ultrawideband communication systems 2010 ,		2
28	A compact 3.4/5.5 GHz dual band-notched UWB monopole antenna with nested U-shaped slots 2010 ,		3
27	A wide-band monopole antenna in combination with a UWB microwave band-pass filter for application in UWB communication system 2010 ,		8
26	A compact 3.5/5.5 GHz dual band-notched monopole antenna for application in UWB communication systems with defected ground structure 2010 ,		1
25	Wideband antenna array beamforming using FIR filter 2010 ,		1
24	A printed trident shaped triple-band monopole antenna for wireless applications 2010 ,		4
23	A compact CPW-fed monopole antenna with an U-shaped slot for 5 GHz/6 GHz band-notched ultrawideband applications 2010 ,		1
22	A printed F-shaped dual-band monopole antenna for RFID and WLAN applications 2010 ,		7
21	Impact of UWB interference on IEEE 802.11a WLAN system 2010 ,		3
20	Notched UWB bandpass filter using complementary single split ring resonator. <i>IEICE Electronics Express</i> , 2010 , 7, 1290-1295	0.5	9
19	Composite right/left handed transmission line based on open slot split ring resonator. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1729-1731	1.2	4
18	COMPACT WIDEBAND BANDPASS FILTER USING OPEN SLOT SPLIT RING RESONATOR AND CMRC. <i>Progress in Electromagnetics Research Letters</i> , 2009 , 10, 39-48	0.5	8
17	Printed double-T monopole antennas for triband applications. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1640-1642	1.2	2
16	Bandgap determination of triangular lattice EBGs in the ground plane. <i>AEU - International Journal of Electronics and Communications</i> , 2009 , 63, 699-702	2.8	2
15	A Compact CPW-Fed Ultra-Wideband Antenna with 5 GHz/6 GHz Band-Notch Function 2009 ,		1

14	Performance Enhancement of Microstrip Bandpass Filter Using CSSRR 2009 ,		4
13	A Compact CPW-Fed Monopole Antenna with E-Shaped Slot for 5 GHz/6 GHz Band-Notched Ultra-Wideband Applications 2009 ,		3
12	A printed inverted double L-shaped dual-band monopole antenna for RFID applications 2009 ,		2
11	SAR Reduction in Human Head from Mobile Phone Radiation using Single Negative Metamaterials. <i>Journal of Electromagnetic Waves and Applications</i> , 2009 , 23, 1385-1395	1.3	55
10	A compact printed U-shaped dual-band monopole antenna for wireless and RFID applications 2009 ,		3
9	Slot split ring resonators and its applications in performance enhancement of microwave filter 2009 ,		3
8	HARMONIC SUPPRESSION OF PARALLEL COUPLED MICROSTRIP LINE BANDPASS FILTER USING CSRR. <i>Progress in Electromagnetics Research Letters</i> , 2009 , 7, 193-201	0.5	17
7	Mobile Phones: Bad for Your Health?. <i>IEEE Potentials</i> , 2008 , 27, 18-20	1	5
6	Novel UWB printed monopole antenna with triangular tapered feed lines. <i>IEICE Electronics Express</i> , 2008 , 5, 242-247	0.5	13
5	Guided-wave characteristics of waveguide based periodic structures loaded with various FSS strip layers. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 120-124	4.9	20
4	Equivalent material parameter extraction of double strip loaded waveguide. <i>IEICE Electronics Express</i> , 2005 , 2, 165-169	0.5	2
3	Novel SIS resonators waveguide filters. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2005 , 15, 560-566	1.5	2
2	MIMO Wireless Communications over Generalized Fading Channels		20
1	Antenna Selection and Spatial Modulation 245-269		