

Kumar Vaibhav Srivastava

List of Publications by Year in descending order

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196
papers

4,451
citations

109264

35
h-index

123376

61
g-index

197
all docs

197
docs citations

197
times ranked

2391
citing authors

#	ARTICLE	IF	CITATIONS
1	A Compact Microstrip-Fed Triple Band-Notched UWB Monopole Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 396-399.	2.4	209
2	Triple band polarization-independent ultra-thin metamaterial absorber using electric field-driven LC resonator. Journal of Applied Physics, 2014, 115, .	1.1	195
3	An Ultrawideband Ultrathin Metamaterial Absorber Based on Circular Split Rings. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1172-1175.	2.4	161
4	Design, characterisation and fabrication of a broadband polarisation-insensitive multi-layer circuit analogue absorber. IET Microwaves, Antennas and Propagation, 2016, 10, 850-855.	0.7	157
5	Bandwidth-enhanced polarization-insensitive microwave metamaterial absorber and its equivalent circuit model. Journal of Applied Physics, 2014, 115, .	1.1	153
6	Broadband Substrate Integrated Waveguide Cavity-Backed Bow-Tie Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1152-1155.	2.4	149
7	An Equivalent Circuit Model of FSS-Based Metamaterial Absorber Using Coupled Line Theory. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 511-514.	2.4	141
8	Transparent broadband metamaterial absorber based on resistive films. Journal of Applied Physics, 2017, 122, .	1.1	121
9	Broadband Polarization-Insensitive Tunable Frequency Selective Surface for Wideband Shielding. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 166-172.	1.4	113
10	Polarization-Insensitive Single- and Broadband Switchable Absorber/Reflector and Its Realization Using a Novel Biasing Technique. IEEE Transactions on Antennas and Propagation, 2016, 64, 3665-3670.	3.1	111
11	Bandwidth-enhanced dual-band dual-layer polarization-independent ultra-thin metamaterial absorber. Applied Physics A: Materials Science and Processing, 2015, 118, 207-215.	1.1	109
12	Three-Element MIMO Antenna System With Pattern and Polarization Diversity for WLAN Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1163-1166.	2.4	109
13	A Compact Four-Element MIMO/Diversity Antenna With Enhanced Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2469-2472.	2.4	108
14	An Angularly Stable Dual-Band FSS With Closely Spaced Resonances Using Miniaturized Unit Cell. IEEE Microwave and Wireless Components Letters, 2017, 27, 218-220.	2.0	99
15	An Optically Transparent Broadband Microwave Absorber Using Interdigital Capacitance. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 113-117.	2.4	96
16	Polarization-Insensitive Broadband Multilayered Absorber Using Screen Printed Patterns of Resistive Ink. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2489-2493.	2.4	80
17	Substrate Integrated Waveguide Cavity-Backed Dumbbell-Shaped Slot Antenna for Dual-Frequency Applications. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1314-1317.	2.4	79
18	Bandwidth-enhancement of an ultrathin polarization insensitive metamaterial absorber. Microwave and Optical Technology Letters, 2014, 56, 350-355.	0.9	78

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19	A Wideband Cross Polarization Conversion Using Metasurface. Radio Science, 2017, 52, 1395-1404.	0.8	66
20	Bandwidth-Enhanced Metamaterial Absorber Using Electric Field-Driven Lc Resonator For Airborne Radar Applications. Microwave and Optical Technology Letters, 2013, 55, 2131-2137.	0.9	65
21	Wideband Ring Dielectric Resonator Antenna With Annular-Shaped Microstrip Feed. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 595-598.	2.4	64
22	An ultrathin quad-band polarization-insensitive wide-angle metamaterial absorber. Microwave and Optical Technology Letters, 2015, 57, 697-702.	0.9	64
23	Compact multi-band polarisation-insensitive metamaterial absorber. IET Microwaves, Antennas and Propagation, 2016, 10, 94-101.	0.7	62
24	A Polarization-Independent Broadband Multilayer Switchable Absorber Using Active Frequency Selective Surface. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3147-3150.	2.4	57
25	Dual-Band Circularly Polarized Cavity-Backed Crossed-Dipole Antennas. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 52-55.	2.4	55
26	Design and Analysis of Ultrathin Polarization Rotating Frequency Selective Surface Using V-Shaped Slots. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2022-2025.	2.4	53
27	CRLH Unit-Cell Loaded Multiband Printed Dipole Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 852-855.	2.4	52
28	Dual-Polarized Dual-Band Patch Antenna Loaded With Modified Mushroom Unit Cell. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1357-1360.	2.4	51
29	Wide-angle broadband microwave metamaterial absorber with octave bandwidth. IET Microwaves, Antennas and Propagation, 2015, 9, 1160-1166.	0.7	51
30	A fractal-based compact broadband polarization insensitive metamaterial absorber using lumped resistors. Microwave and Optical Technology Letters, 2016, 58, 343-347.	0.9	51
31	Multiband Circularly Polarized Cavity-Backed Crossed Dipole Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 4286-4296.	3.1	48
32	Polarization-Insensitive Single-/Dual-Band Tunable Absorber With Independent Tuning in Wide Frequency Range. IEEE Transactions on Antennas and Propagation, 2017, 65, 4903-4908.	3.1	46
33	Four-element quad-band multiple-input-multiple-output antenna employing split-ring resonator and interdigital capacitor. IET Microwaves, Antennas and Propagation, 2015, 9, 1453-1460.	0.7	44
34	A Polarization-Insensitive Band-Notched Absorber for Radar Cross Section Reduction. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 259-263.	2.4	44
35	An ultrathin penta-band polarization-insensitive compact metamaterial absorber for airborne radar applications. Microwave and Optical Technology Letters, 2015, 57, 2519-2524.	0.9	40
36	A Dual-Band Tunable Frequency Selective Surface With Independent Wideband Tuning. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1808-1812.	2.4	35

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37	Design of a two-dimensional metamaterial cloak with minimum scattering using a quadratic transformation function. Journal of Applied Physics, 2014, 116, .	1.1	34
38	A quad-band dual-polarized monopole antenna for GNSS/UMTS/WLAN/WiMAX applications. Microwave and Optical Technology Letters, 2018, 60, 538-545.	0.9	31
39	A triple band circular polarized monopole antenna for GNSS/UMTS/LTE. Microwave and Optical Technology Letters, 2017, 59, 298-304.	0.9	30
40	Ultra-thin dual-band polarization-insensitive conformal metamaterial absorber. Microwave and Optical Technology Letters, 2017, 59, 348-353.	0.9	30
41	Polarization-Insensitive Dual-Band Switchable Absorber With Independent Switching. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1687-1690.	2.4	28
42	An ultra-thin compact polarization-independent hexa-band metamaterial absorber. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	28
43	An ultra-thin triple-band polarization-insensitive metamaterial absorber for S, C and X band applications. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	26
44	Dual band complementary split-ring resonator-loaded printed dipole antenna arrays for pattern diversity multiple-input-multiple-output applications. IET Microwaves, Antennas and Propagation, 2016, 10, 1113-1123.	0.7	26
45	A COMPACT ZEROth ORDER RESONATING ANTENNA USING COMPLEMENTARY SPLIT RING RESONATOR WITH MUSHROOM TYPE OF STRUCTURE. Progress in Electromagnetics Research Letters, 2012, 28, 139-148.	0.4	24
46	Wideband multilayer multi-permittivity half-split cylindrical dielectric resonator antenna. Microwave and Optical Technology Letters, 2012, 54, 2587-2590.	0.9	21
47	A Three-Dimensional Unconditionally Stable Five-Step LOD-FDTD Method. IEEE Transactions on Antennas and Propagation, 2014, 62, 1321-1329.	3.1	21
48	Gain enhancement of microstrip patch antenna using near-zero index metamaterial (NZIM) lens. , 2015, , .		21
49	Frequency-Shifted Reflection of Electromagnetic Waves Using a Time-Modulated Active Tunable Frequency-Selective Surface. IEEE Transactions on Antennas and Propagation, 2020, 68, 2937-2944.	3.1	21
50	An ultra thin metamaterial absorber using electric field driven LC resonator with meander lines. , 2012, , .		20
51	Dynamics of Antenna Reactive Energy Using Time-Domain IDM Method. IEEE Transactions on Antennas and Propagation, 2019, 67, 1084-1093.	3.1	20
52	Optically Transparent Protective Coating for ITO-Coated PET-Based Microwave Metamaterial Absorbers. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 378-388.	1.4	20
53	Polarization-Insensitive Optically Transparent Microwave Metamaterial Absorber Using a Complementary Layer. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 163-167.	2.4	20
54	Circularly polarized bowtie-shaped dielectric resonator antenna excited with asymmetric cross slot. Microwave and Optical Technology Letters, 2015, 57, 1723-1727.	0.9	19

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55	A polarization-insensitive broadband absorber with in-band transmission response. Microwave and Optical Technology Letters, 2020, 62, 3668-3676.	0.9	19
56	A Miniaturized Frequency Selective Absorber With Independently Regulated Selective Dual-Transmission Response. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 257-261.	2.4	19
57	Fabrication of a non-wettable wearable textile-based metamaterial microwave absorber. Journal Physics D: Applied Physics, 2019, 52, 385304.	1.3	18
58	Excimer laser micromachining of indium tin oxide for fabrication of optically transparent metamaterial absorbers. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	18
59	A broadband wide angle metamaterial absorber for defense applications. , 2014, , .		17
60	A Practical Approach: Design of Wideband Cylindrical Dielectric Resonator Antenna With Permittivity Variation in Axial Direction and its Fabrication Using Microwave Laminates. Microwave and Optical Technology Letters, 2013, 55, 2282-2288.	0.9	16
61	A compact CRLH unit cell loaded triple-band monopole antenna. Microwave and Optical Technology Letters, 2015, 57, 115-119.	0.9	16
62	Composite-Shaped External Cloaks With Homogeneous Material Properties. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 282-285.	2.4	16
63	Modified Cross Correlation Green's Function With FDTD for Characterization of MIMO Antennas in Nonuniform Propagation Environment. IEEE Transactions on Antennas and Propagation, 2018, 66, 3798-3803.	3.1	16
64	Design of a broadband coaxial to substrate integrated waveguide (SIW) transition. , 2013, , .		15
65	Bandwidth enhancement of substrate integrated waveguide cavity backed slot antenna by offset feeding technique. , 2013, , .		15
66	A Compact, Low-Profile Shorted $TM_{1/2,0}$ Mode Planar Copolarized Microstrip Antenna for Full-Duplex Systems. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1887-1891.	2.4	15
67	Dual band polarization-insensitive wide angle metamaterial absorber for radar application. , 2014, , .		14
68	Three-port circularly polarized MIMO antenna for WLAN application with pattern and polarization diversity. Microwave and Optical Technology Letters, 2021, 63, 1927-1934.	0.9	13
69	Highly Sensitive Permittivity Sensor Using an Inhomogeneous Metamaterial Cylindrical Waveguide. IEEE Sensors Journal, 2021, 21, 9120-9127.	2.4	13
70	A REVIEW OF METASURFACE-ASSISTED RCS REDUCTION TECHNIQUES. Progress in Electromagnetics Research B, 2021, 94, 75-103.	0.7	13
71	Three-element multilayer multipermittivity cylindrical dielectric resonator antenna for wideband applications with omnidirectional radiation pattern and low cross-polarization. Microwave and Optical Technology Letters, 2012, 54, 2011-2016.	0.9	12
72	A compact dual band four element MIMO antenna for pattern diversity applications. , 2016, , .		12

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73	Design and analysis of a broadband single layer circuit analog absorber. , 2016, , .		12
74	Broadband fourâ€element multiâ€layer multiâ€permittivity cylindrical dielectric resonator antenna. Microwave and Optical Technology Letters, 2013, 55, 932-937.	0.9	11
75	An ultra-thin polarization independent metamaterial absorber for triple band applications. , 2013, , .		11
76	Enhanced Coupling of Light From Subwavelength Sources Into a Hyperbolic Metamaterial Fiber. Journal of Lightwave Technology, 2019, 37, 3064-3072.	2.7	11
77	Polarization insensitive multilayered broadband absorber for L and S bands of the radar spectrum. Microwave and Optical Technology Letters, 2021, 63, 1229-1235.	0.9	11
78	Five-port MIMO antenna for n79-5G band with improved isolation by diversity and decoupling techniques. Journal of Electromagnetic Waves and Applications, 2022, 36, 542-556.	1.0	11
79	Stability and dispersion analysis of higher order unconditionally stable threeâ€step locally oneâ€dimensional finiteâ€difference timeâ€domain method. IET Microwaves, Antennas and Propagation, 2013, 7, 954-960.	0.7	10
80	Bandwidth enhancement of transformation optics-based cloak with reduced parameters. Applied Physics A: Materials Science and Processing, 2015, 120, 663-668.	1.1	10
81	Variation of permittivity in radial direction in concentric half-split cylindrical dielectric resonator antenna for wideband application. International Journal of RF and Microwave Computer-Aided Engineering, 2015, 25, 321-329.	0.8	10
82	Three-Dimensional Unconditionally Stable LOD-FDTD Methods With Low Numerical Dispersion in the Desired Directions. IEEE Transactions on Antennas and Propagation, 2016, 64, 3055-3067.	3.1	10
83	An ultra thin polarization insensitive and angularly stable miniaturized frequency selective surface. Microwave and Optical Technology Letters, 2016, 58, 2713-2717.	0.9	10
84	A polarization-independent single band switchable metamaterial absorber. , 2016, , .		10
85	Approximated Complementary Cloak With Diagonally Homogeneous Material Parameters Using Shifted Parabolic Coordinate System. IEEE Transactions on Antennas and Propagation, 2017, 65, 1458-1463.	3.1	10
86	A compact triband circularly polarized <scp>meanderâ€loaded</scp> monopole antenna. Microwave and Optical Technology Letters, 2022, 64, 382-388.	0.9	10
87	Realisation of controllable transmission zeros by perturbation technique for designing dualâ€mode filter using substrate integrated hexagonal cavity. IET Microwaves, Antennas and Propagation, 2014, 8, 451-457.	0.7	9
88	A broadband polarization-insensitive circuit analog absorber using lumped resistors. , 2015, , .		9
89	MULTI-BAND CYLINDRICAL DIELECTRIC RESONATOR ANTENNA USING PERMITTIVITY VARIATION IN AZIMUTH DIRECTION. Progress in Electromagnetics Research C, 2015, 59, 11-20.	0.6	9
90	Triple-band polarization-independent metamaterial absorber using destructive interference. , 2015, , .		9

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91	A dual-band conformal metamaterial absorber for curved surface. , 2016, , .		9
92	Arbitrary Shaped Reciprocal External Cloak with Nonsingular and Homogeneous Material Parameters Using Expanding Coordinate Transformation. Plasmonics, 2017, 12, 771-781.	1.8	9
93	Propagation of wave in a cylindrical waveguide filled with hyperbolic negative index medium. Microwave and Optical Technology Letters, 2020, 62, 3385-3390.	0.9	9
94	A via-less CRLH unit-cell loaded dual-band double-sided printed dipole antenna for GSM/Bluetooth/WLAN applications. , 2013, , .		8
95	New considerations on electromagnetic energy in antenna near-field by time-domain approach. , 2017, , .		8
96	Design of Thin Broadband Microwave Absorber using Combination of Capacitive and Circuit Analog Absorbers. , 2018, , .		8
97	An investigation on three element multilayer cylindrical dielectric resonator antenna excited by a coaxial probe for wideband applications. , 2010, , .		7
98	Four element multilayer cylindrical dielectric resonator antenna excited by a coaxial probe for wideband applications. , 2011, , .		7
99	A broadband dumbbell-shaped dielectric resonator antenna. Microwave and Optical Technology Letters, 2014, 56, 2944-2947.	0.9	7
100	Dual-band polarization-insensitive metamaterial absorber with bandwidth-enhancement at Ku-band for EMI/EMC application. , 2014, , .		7
101	Design of dual-passband filter using dual mode semicircular dielectric resonators. Microwave and Optical Technology Letters, 2014, 56, 542-547.	0.9	7
102	Multi-band pattern reconfigurable Yagi-Uda antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21116.	0.8	7
103	A miniaturized triple-band circularly polarized antenna using meander geometry. Journal of Electromagnetic Waves and Applications, 2022, 36, 228-236.	1.0	7
104	Perforated lightweight microwave metamaterial broadband absorber with discontinuous ground plane. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	7
105	Wideband Bidirectional Same Sense Endfire Circularly Polarized Antenna. IEEE Access, 2022, 10, 65801-65808.	2.6	7
106	A novel dual-band hexagonal patch antenna coupled with complementary split ring resonator. , 2012, , .		6
107	Design of dual-mode substrate integrated hexagonal cavity (SIHC) filter for X-band application. , 2013, , .		6
108	Study on ultra-thin dual frequency metamaterial absorber with retrieval of electromagnetic parameters. , 2014, , .		6

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109	Design of a dual-band polarization-insensitive and angular-stable frequency selective surface. , 2015, , .		6
110	Design of thin simplified cloak with finite and small dynamic range constitutive tensors. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	6
111	Parabolic transformation functionâ€based external cloak with finite and realisable material parameters. IET Microwaves, Antennas and Propagation, 2017, 11, 1051-1056.	0.7	6
112	A miniaturizedâ€element bandpass frequency selective surface using meander line geometry. Microwave and Optical Technology Letters, 2017, 59, 2484-2489.	0.9	6
113	A dual-band reconfigurable Yagiâ€Uda antenna with diverse radiation patterns. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	6
114	Polarization Insensitive Resistive Ink based Conformal Absorber for S and C bands. , 2019, , .		6
115	DESIGN AND ANALYSIS OF POLARIZATION-INSENSITIVE BROADBAND MICROWAVE ABSORBER FOR PERFECT ABSORPTION. Progress in Electromagnetics Research M, 2021, 104, 213-222.	0.5	6
116	Compact two pole bandpass filter using symmetrical composite right/left handed transmission line with vias. , 2010, , .		5
117	IMPROVED SPURIOUS FREE PERFORMANCE OF MULTI-LAYER MULTIPERMITTIVITY DIELECTRIC RESONATOR IN MIC ENVIRONMENT. Progress in Electromagnetics Research B, 2011, 30, 135-156.	0.7	5
118	Substrate integrated waveguide cavity backed slot antenna for dual-frequency application. , 2014, , .		5
119	Broadband polarization rotator using multilayered metasurfaces. , 2015, , .		5
120	An ultra-thin triple band polarization-insensitive metamaterial absorber for C-band applications. , 2015, , .		5
121	<sc>LC</sc> resonator loaded bandwidth enhanced triâ€band planar invertedâ€F antenna. Microwave and Optical Technology Letters, 2015, 57, 1879-1883.	0.9	5
122	A polarization-insensitive frequency selective radome with wideband absorption. , 2017, , .		5
123	Cross-Correlation Green Function for Interaction Between Electric and Magnetic Current Sources. , 2018, , .		5
124	Eight-Port MIMO Antenna for Integrated Narrowband / Ultra-wideband (UWB) Applications. , 2018, , .		5
125	Two-layer embedded half-split cylindrical dielectric resonator antenna for wideband applications. , 2012, , .		4
126	Asymmetric dual mode band-pass filter design using Substrate Integrated Hexagonal Cavity(SIHC). , 2013, , .		4

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127	Quad band annular slot and SRR based MIMO antenna system. , 2015, , .		4
128	A Polarization-Insensitive Miniaturized Element Frequency Selective Surface using Meander Lines. , 2018, , .		4
129	Design of Broadband Microwave Absorber with 20 dB Absorption Bandwidth. , 2019, , .		4
130	Controlling Electromagnetic Scattering of a Cylindrical Obstacle Using Concentric Array of Current Sources. IEEE Transactions on Antennas and Propagation, 2020, 68, 8044-8052.	3.1	4
131	An <scp>inâ€band fullâ€duplex</scp> antenna for <scp>dualâ€band</scp> application. Microwave and Optical Technology Letters, 2022, 64, 130-136.	0.9	4
132	A Dual-Transmission Band Rasorber with Miniaturized Unit Cell Geometry. , 2021, , .		4
133	A compact fourth order 3-step LOD-FDTD method. , 2012, , .		3
134	A novel dual-band microstrip patch antenna loaded with fractal CSRR and partially defected ground structures. , 2013, , .		3
135	A compact penta-band CPW-fed monopole antenna using LC resonator and interdigital capacitor. , 2015, , .		3
136	Rounded bevel shaped fed cylindrical dielectric resonator antenna for wideband applications. Microwave and Optical Technology Letters, 2015, 57, 2364-2368.	0.9	3
137	Dispersion study on scattering cross section of metamaterial cloak due to various cloaking parameters. Optik, 2015, 126, 2362-2367.	1.4	3
138	Ultra-thin dual-band polarization-insensitive metamaterial absorber for C-band applications. , 2016, , .		3
139	Design and analysis of gradient index metamaterial-based cloak with wide bandwidth and physically realizable material parameters. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	3
140	MIMO Antenna Characterization in Realistic Propagation Scenario: Use of Infinitesimal Dipole Models with Cross-correlation Green's Functions. , 2018, , .		3
141	Far-field Envelope Correlation Coefficient and Near-field Reactive Energy of MIMO Antennas: An FDTD-IDM-CGF Approach. , 2019, , .		3
142	Hyperbolic Metamaterial Near-field Coupler. , 2019, , .		3
143	Analysis and realization of a wideband mantle cloak with improved cloaking performance. Journal of Electromagnetic Waves and Applications, 2020, 34, 1386-1399.	1.0	3
144	Wrapping of Curved Surfaces With Conformal Broadband Metamaterial Microwave Absorber. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1938-1942.	2.4	3

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145	A frequency-selective absorber with wideband absorption and in-band transmission using resistive ink. Microwave and Optical Technology Letters, 2022, 64, 1544-1552.	0.9	3
146	Dispersion and attenuation characteristics of asymmetric multiconductor lines in suspended substrate structure using full-wave modal analysis. Microwave and Optical Technology Letters, 2006, 48, 1305-1310.	0.9	2
147	An Accurate Analysis of Numerical Dispersion for 3-D ADI-FDTD with Artificial Anisotropy. , 2007, , .		2
148	Bandpass filter with improved spurious performance using modified ring dielectric resonator in MIC environment. Microwave and Optical Technology Letters, 2008, 50, 1426-1431.	0.9	2
149	Design of a wideband absorber using resistively loaded frequency selective surface. , 2015, , .		2
150	An ultra-thin polarization independent compact fractal shaped metamaterial absorber. , 2015, , .		2
151	Triple band circularly polarized printed crossed dipole antenna employing interdigital capacitors. , 2015, , .		2
152	Design of compact planar inverted-F antennas loaded with LC resonators. , 2015, , .		2
153	A compact two element MIMO antenna system for pattern and polarization diversity. , 2016, , .		2
154	A compact two-port MIMO antenna with enhanced isolation using SRR-loaded slot-loop. , 2017, , .		2
155	Differential quasi self-complementary (QSC) ultra-wideband (UWB) MIMO antenna. , 2017, , .		2
156	Design of Microwave Resorber Using Resistive Ink. , 2019, , .		2
157	A polarization-insensitive time-modulated frequency-selective surface for broad frequency range. IET Microwaves, Antennas and Propagation, 2022, 16, 37-45.	0.7	2
158	An accurate analysis of numerical dispersion for 3-D ADI-FDTD with artificial anisotropy. Microwave and Optical Technology Letters, 2007, 49, 3109-3112.	0.9	1
159	A 600MHz, 6 th order, highly linear Gm-C bandpass filter design. , 2010, , .		1
160	An ultra-thin polarization-independent wide-angle metamaterial absorber for dual-band applications. , 2013, , .		1
161	Dual mode triple band patch antenna based on two-dimensional composite right/left-handed transmission lines. , 2013, , .		1
162	A parameter optimized 3-step LOD-FDTD method based on the (2, 4) stencil. , 2014, , .		1

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163	Gain enhancement of Four Edges Gap-coupled Microstrip Antenna using I-shaped resonators as superstrate. , 2015, , .		1
164	A high gain and wideband directional antenna using Z-shaped near zero-index metamaterial (NZIM) resonators. , 2015, , .		1
165	Hexagonal shaped reciprocal external cloak with homogeneous material properties. , 2015, , .		1
166	Microstrip-fed monopole antennas loaded with symmetric ENG unit cells. , 2015, , .		1
167	A broadband transmission polarization rotator using multi layer split rings. , 2016, , .		1
168	A compact fourth-order six-step LOD-FDTD method. , 2016, , .		1
169	Numerical dispersion improved four-step LOD-FDTD method. , 2016, , .		1
170	A tunable bandstop frequency selective surface with polarization-insensitive characteristic. , 2016, , .		1
171	Wide-band circularly polarized cavity backed crossed dipole antenna. , 2017, , .		1
172	A Polarization-Independent Tunable Microwave Absorber with Wide Tuning Range. , 2018, , .		1
173	A compact triple-band multi-polarized slot antenna for WLAN/WiMAX application. , 2018, , .		1
174	A Dual Band Full-Duplex Monopole Antenna for WLAN Application. , 2019, , .		1
175	Radar Cross Section (RCS) analysis of Finite Metamaterial Based Absorber for Planar and Curved Configurations. , 2019, , .		1
176	Circularly and Linearly Polarized MIMO Antenna System with Pattern and Polarization Diversity. , 2019, , .		1
177	Improving performance of mantle cloak for electrically large PEC cylinders by reducing higher-order scattering coefficients. Journal of Electromagnetic Waves and Applications, 2021, 35, 1176-1191.	1.0	1
178	A Polarization Insensitive Time Modulated FSS for Generation of Sideband Frequencies. , 2021, , .		1
179	Effect of Anisotropy on Effective Dielectric Constant and Characteristic Impedance of Multi-port Fin-lines. , 2006, , .		0
180	A novel triple-band cylindrical dielectric resonator antenna using varying permittivity in ϕ-direction. , 2012, , .		0

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181	Novel EBG grounded PIFA for improved directivity in mobile communication bands. , 2013, , .		0
182	Nonsingular and thin cloak using linear transformation function. , 2013, , .		0
183	Design of ultra-thin polarization-insensitive circular-shaped microwave metamaterial absorber. , 2013, , .		0
184	Dual-band cylindrical dielectric resonator antenna with varying permittivity in φ-direction. , 2013, , .		0
185	Annular shape microstrip feeding technique for cylindrical and half-split cylindrical dielectric resonator antenna for broadband applications. , 2013, , .		0
186	Triple band circularly polarized cavity backed crossed dipole antenna. , 2015, , .		0
187	Cylindrical simplified cloak with enhanced bandwidth. , 2015, , .		0
188	Effect on scattering cross section for scaled anti-object and coordinate transformed anti-object in external cloaking. , 2015, , .		0
189	Square shaped internal cloak having homogeneous and nonsingular material parameters. , 2017, , .		0
190	A compact two element quad-band printed quasi-Yagi antenna array loaded with inter-digital capacitor and LC resonator. , 2017, , .		0
191	Slot-loaded SIW-fed Wide-band Yagi Antenna having End-fire / Broadside Scanning Features. , 2018, , .		0
192	An Optically Transparent Microwave Broadband Absorber using Resistive Sheet. , 2018, , .		0
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