

# Zhongxiang Shen

## List of Publications by Year in descending order

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times ranked

3617  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Design of Single-Layer Circuit Analog Absorber Using Double-Square-Loop Array. IEEE Transactions on Antennas and Propagation, 2013, 61, 6022-6029.	3.1	375
2	Frequency-Selective Resorber Based on Square-Loop and Cross-Dipole Arrays. IEEE Transactions on Antennas and Propagation, 2014, 62, 5581-5589.	3.1	302
3	A Thin and Broadband Absorber Using Double-Square Loops. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 388-391.	2.4	197
4	3-D Frequency Selective Resorber: Concept, Analysis, and Design. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3087-3096.	2.9	173
5	Absorptive Frequency-Selective Transmission Structure With Square-Loop Hybrid Resonator. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3212-3215.	2.4	156
6	Wideband 3D Frequency Selective Resorber. IEEE Transactions on Antennas and Propagation, 2014, 62, 6536-6541.	3.1	148
7	Wideband Flush-Mounted Surface Wave Antenna of Very Low Profile. IEEE Transactions on Antennas and Propagation, 2015, 63, 2430-2438.	3.1	142
8	An overview of three-dimensional frequency-selective structures. IEEE Antennas and Propagation Magazine, 2014, 56, 43-67.	1.2	141
9	Absorptive Frequency-Selective Reflection and Transmission Structures. IEEE Transactions on Antennas and Propagation, 2017, 65, 6173-6178.	3.1	135
10	Varactor-Tunable Second-Order Bandpass Frequency-Selective Surface With Embedded Bias Network. IEEE Transactions on Antennas and Propagation, 2016, 64, 1672-1680.	3.1	133
11	A Novel Band-Reject Frequency Selective Surface With Pseudo-Elliptic Response. IEEE Transactions on Antennas and Propagation, 2010, 58, 1220-1226.	3.1	127
12	A Flat Lens with Tunable Phase Gradient by Using Random Access Reconfigurable Metamaterial. Advanced Materials, 2015, 27, 4739-4743.	11.1	121
13	Three-Dimensional Bandpass Frequency-Selective Structures With Multiple Transmission Zeros. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3578-3589.	2.9	120
14	High-Efficiency Sea-Water Monopole Antenna for Maritime Wireless Communications. IEEE Transactions on Antennas and Propagation, 2014, 62, 5968-5973.	3.1	118
15	Dual-Polarized Band-Absorptive Frequency Selective Resorber Using Meander-Line and Lumped Resistors. IEEE Transactions on Antennas and Propagation, 2019, 67, 1318-1322.	3.1	111
16	Effect of a finite ground plane on microstrip-fed cavity-backed slot antennas. IEEE Transactions on Antennas and Propagation, 2005, 53, 862-865.	3.1	109
17	Compact Triple-Mode Filter Based on Quarter-Mode Substrate Integrated Waveguide. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 37-45.	2.9	109
18	3-D Frequency-Selective Resorber With Wide Upper Absorption Band. IEEE Transactions on Antennas and Propagation, 2017, 65, 4363-4367.	3.1	107

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19	Wideband and Low-Profile H-Plane Ridged SIW Horn Antenna Mounted on a Large Conducting Plane. IEEE Transactions on Antennas and Propagation, 2014, 62, 5895-5900.	3.1	99
20	Synthesis of Quasi-Elliptic Bandpass Frequency-Selective Surface Using Cascaded Loop Arrays. IEEE Transactions on Antennas and Propagation, 2013, 61, 3053-3059.	3.1	96
21	3-D Absorptive Frequency Selective Reflector for Antenna Radar Cross Section Reduction. IEEE Transactions on Antennas and Propagation, 2017, 65, 5908-5917.	3.1	92
22	Backscattering Cross Section of Ultrawideband Antennas. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 70-73.	2.4	87
23	A new dual-polarized broadband horn antenna. IEEE Antennas and Wireless Propagation Letters, 2005, 4, 270-273.	2.4	83
24	A Single-Layer Circular Polarizer Based on Hybrid Meander Line and Loop Configuration. IEEE Transactions on Antennas and Propagation, 2015, 63, 4609-4614.	3.1	79
25	Design of 3-D Multilayer Ferrite-Loaded Frequency-Selective Resorbers With Wide Absorption Bands. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 108-117.	2.9	74
26	Planar Helical Antenna of Circular Polarization. IEEE Transactions on Antennas and Propagation, 2015, 63, 4315-4323.	3.1	73
27	Low-Profile Log-Periodic Monopole Array. IEEE Transactions on Antennas and Propagation, 2015, 63, 5484-5491.	3.1	73
28	Low-Profile Top-Hat Monopole Yagi Antenna for End-Fire Radiation. IEEE Transactions on Antennas and Propagation, 2015, 63, 2851-2857.	3.1	72
29	Dual-Band Bandpass Frequency-Selective Structures With Arbitrary Band Ratios. IEEE Transactions on Antennas and Propagation, 2014, 62, 5504-5512.	3.1	71
30	Three-Dimensional Dual-Polarized Frequency Selective Structure With Wide Out-of-Band Rejection. IEEE Transactions on Antennas and Propagation, 2014, 62, 130-137.	3.1	68
31	An inverted microstrip-fed cavity-backed slot antenna for circular polarization. IEEE Antennas and Wireless Propagation Letters, 2002, 1, 190-192.	2.4	67
32	Inverted microstrip-fed cavity-backed slot antennas. IEEE Antennas and Wireless Propagation Letters, 2002, 1, 98-101.	2.4	67
33	Multiband High-Order Bandstop 3-D Frequency-Selective Structures. IEEE Transactions on Antennas and Propagation, 2016, 64, 2217-2226.	3.1	67
34	Thin 3-D Bandpass Frequency-Selective Structure Based on Folded Substrate for Conformal Radome Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 282-290.	3.1	66
35	Reconfigurable Leaky-Wave Antenna Based on Periodic Water Grating. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 134-137.	2.4	65
36	Low-Profile Broadband Absorber Based on Multimode Resistor-Embedded Metallic Strips. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 835-843.	2.9	65

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37	Double-Sided Parallel-Strip Line Resonator for Dual-Polarized 3-D Frequency-Selective Structure and Absorber. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 3744-3752.	2.9	64
38	An Elliptical Bandpass Frequency Selective Structure Based on Microstrip Lines. IEEE Transactions on Antennas and Propagation, 2012, 60, 4661-4669.	3.1	63
39	Broadband Polarization-Reconfigurable Water Spiral Antenna of Low Profile. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1377-1380.	2.4	63
40	Wideband Microwave Absorber Based on a Two-Dimensional Periodic Array of Microstrip Lines. IEEE Transactions on Antennas and Propagation, 2010, 58, 3913-3922.	3.1	61
41	Low-RCS Reflectarray With Phase Controllable Absorptive Frequency-Selective Reflector. IEEE Transactions on Antennas and Propagation, 2019, 67, 190-198.	3.1	61
42	A Hybrid FD-MoM Technique for Predicting Shielding Effectiveness of Metallic Enclosures With Apertures. IEEE Transactions on Electromagnetic Compatibility, 2005, 47, 456-462.	1.4	60
43	0.2 $\lambda$ Thick Adaptive Retroreflector Made of Spin-Locked Metasurface. Advanced Materials, 2018, 30, e1802721.	11.1	58
44	Rigorous evaluation of the input impedance of a sleeve monopole by modal-expansion method. IEEE Transactions on Antennas and Propagation, 1996, 44, 1584-1591.	3.1	54
45	Microfabrication and Characterization of W-Band Planar Helix Slow-Wave Structure With Straight-Edge Connections. IEEE Transactions on Electron Devices, 2011, 58, 4098-4105.	1.6	53
46	Compact Circularly Polarized Antenna Based on Quarter-Mode Substrate Integrated Waveguide Sub-Array. IEEE Transactions on Antennas and Propagation, 2014, 62, 963-967.	3.1	52
47	Compact Omnidirectional Antenna of Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1466-1469.	2.4	51
48	Hybrid Frequency-Selective Resorber With Low-Frequency Diffusion and High-Frequency Absorption. IEEE Transactions on Antennas and Propagation, 2021, 69, 1469-1476.	3.1	51
49	Conformal SIW H-Plane Horn Antenna on a Conducting Cylinder. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1271-1274.	2.4	50
50	A generalized higher order finite-difference time-domain method and its application in guided-wave problems. IEEE Transactions on Microwave Theory and Techniques, 2003, 51, 856-861.	2.9	49
51	Arbitrary and Independent Polarization Control In Situ via a Single Metasurface. Advanced Optical Materials, 2018, 6, 1800728.	3.6	49
52	18 GHz Conformal Low-Profile Log-Periodic Array on a Cylindrical Conductor. IEEE Transactions on Antennas and Propagation, 2018, 66, 729-736.	3.1	46
53	Wideband circular polarizer based on dielectric gratings with periodic parallel strips. Optics Express, 2015, 23, 12533.	1.7	45
54	Tunable Frequency-Selective Resorber Based on Varactor-Embedded Square-Loop Array. IEEE Access, 2019, 7, 115552-115559.	2.6	45

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55	Absorptive Frequency-Selective Reflection/Transmission Structures: A Review and Future Perspectives. IEEE Antennas and Propagation Magazine, 2020, 62, 62-74.	1.2	45
56	Shunt-Excited Sea-Water Monopole Antenna of High Efficiency. IEEE Transactions on Antennas and Propagation, 2015, 63, 5185-5190.	3.1	44
57	Frequency selective surface with wideband quasi-elliptic bandpass response. Electronics Letters, 2013, 49, 1052-1053.	0.5	43
58	Design of a Switchable Microwave Absorber. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1158-1161.	2.4	40
59	Conformal VHF Log-Periodic Balloon Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 2756-2761.	3.1	40
60	Frequency-reconfigurable water antenna of circular polarization. Applied Physics Letters, 2016, 108, .	1.5	40
61	3D Absorptive Frequency-Selective Reflection and Transmission Structures With Dual Absorption Bands. IEEE Access, 2018, 6, 72880-72888.	2.6	40
62	Hybrid Absorptive-Diffusive Frequency Selective Radome. IEEE Transactions on Antennas and Propagation, 2021, 69, 3312-3321.	3.1	40
63	Dual-Band Shared-Aperture UHF/UWB RFID Reader Antenna of Circular Polarization. IEEE Transactions on Antennas and Propagation, 2018, 66, 3886-3893.	3.1	39
64	Planar Helix With Straight-Edge Connections in the Presence of Multilayer Dielectric Substrates. IEEE Transactions on Electron Devices, 2010, 57, 3451-3459.	1.6	38
65	Wideband and Low-Profile Monocone Quasi-Yagi Antenna for Endfire Radiation. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 325-328.	2.4	38
66	A Compact and Wideband Vertically Polarized Monopole Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 626-631.	3.1	38
67	Design and Experimental Demonstration of Non-Foster Active Absorber. IEEE Transactions on Antennas and Propagation, 2017, 65, 696-704.	3.1	37
68	Wideband Water Helical Antenna of Circular Polarization. IEEE Transactions on Antennas and Propagation, 2019, 67, 6770-6777.	3.1	37
69	A Three-Dimensional Design of Ultra-Wideband Microwave Absorbers. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4206-4215.	2.9	37
70	Polarization-Independent Backscattering Enhancement of Cylinders Based on Conformal Gradient Metasurfaces. IEEE Transactions on Antennas and Propagation, 2017, 65, 2386-2396.	3.1	36
71	Bandpass Frequency Selective Structure With Wideband Spurious Rejection. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 145-148.	2.4	35
72	Ultrathin 3-D Frequency Selective Rasorber With Wide Absorption Bands. IEEE Transactions on Antennas and Propagation, 2020, 68, 4697-4705.	3.1	35

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73	Microstrip-fed cavity-backed slot antennas. <i>Microwave and Optical Technology Letters</i> , 2002, 33, 229-233.	0.9	33
74	Broadband Band-Absorptive Frequency-Selective Resorber With a Hybrid 2-D and 3-D Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 1701-1705.	2.4	33
75	Metafluidic metamaterial: a review. <i>Advances in Physics: X</i> , 2018, 3, 1417055.	1.5	32
76	Low-RCS and Beam-Steerable Dipole Array Using Absorptive Frequency-Selective Reflection Structures. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 2457-2462.	3.1	32
77	Modal expansion analysis of monopole antennas driven from a coaxial line. <i>Radio Science</i> , 1996, 31, 1037-1046.	0.8	31
78	Miniaturized Bandstop Frequency-Selective Structure Using Stepped-Impedance Resonators. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012, 11, 1112-1115.	2.4	31
79	Absorptive Coding Metasurface With Ultrawideband Backscattering Reduction. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 1201-1205.	2.4	31
80	Angular-stable and polarization-independent frequency selective structure with high selectivity. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	30
81	A pseudo-planar metasurface for a polarization rotator. <i>Optics Express</i> , 2014, 22, 10446.	1.7	30
82	Thin Bandstop Frequency-Selective Structures Based on Loop Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 2298-2309.	2.9	30
83	Compact Low-Profile Dual-Band Tag Antenna for Indoor Positioning Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 400-403.	2.4	29
84	Effective Dielectric Constant Method for a Planar Helix With Straight-Edge Connections. <i>IEEE Electron Device Letters</i> , 2009, 30, 1215-1217.	2.2	28
85	Broadband and high-efficiency circular polarizer based on planar-helix chiral metamaterials. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	28
86	3D Band-Absorptive Frequency Selective Resorber: Concept and Analysis. <i>IEEE Access</i> , 2019, 7, 2520-2528.	2.6	28
87	Multiband and Wideband 90° Polarization Rotators. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018, 17, 1822-1826.	2.4	26
88	Miniaturized UHF/UWB Tag Antenna for Indoor Positioning Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019, 18, 2453-2457.	2.4	26
89	Ultra-Wide-Angle Bandpass Frequency Selective Surface. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 5673-5681.	3.1	26
90	Broadband circularly polarized moon-shaped monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 1135-1139.	0.9	25

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91	Design of Wideband Bandstop Frequency-Selective Structures Using Stacked Parallel Strip Line Arrays. IEEE Transactions on Antennas and Propagation, 2016, 64, 3401-3409.	3.1	25
92	End-Fire Surface Wave Antenna With Metasurface Coating. IEEE Access, 2018, 6, 23778-23785.	2.6	25
93	Spurious-Free Dual-Band Bandpass Frequency-Selective Surfaces With Large Band Ratio. IEEE Transactions on Antennas and Propagation, 2019, 67, 1065-1072.	3.1	25
94	High-Performance Energy Selective Surface Based on the Double-Resonance Concept. IEEE Transactions on Antennas and Propagation, 2021, 69, 7658-7666.	3.1	25
95	Efficient Modeling of Three-Dimensional Reverberation Chambers Using Hybrid Discrete Singular Convolution-Method of Moments. IEEE Transactions on Antennas and Propagation, 2011, 59, 2943-2953.	3.1	24
96	3-D Frequency-Selective Resorber Based on Magnetic Material and Meander Line. IEEE Transactions on Antennas and Propagation, 2020, 68, 7694-7699.	3.1	24
97	Absorptive Frequency-Selective Reflector Based on Bent Metallic Strip Embedded With Chip-Resistor. IEEE Transactions on Antennas and Propagation, 2020, 68, 5736-5741.	3.1	23
98	Scattering by a thick off-centered circular iris in circular waveguide. IEEE Transactions on Microwave Theory and Techniques, 1995, 43, 2639-2642.	2.9	22
99	Broadband circularly-polarised antenna consisting of four notch slot radiators. Electronics Letters, 2012, 48, 1447.	0.5	22
100	A Compact Cavity-Backed Endfire Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 281-284.	2.4	22
101	Attentional bias toward safety predicts safety behaviors. Accident Analysis and Prevention, 2014, 71, 144-153.	3.0	22
102	UHF/UWB Tag Antenna of Circular Polarization. IEEE Transactions on Antennas and Propagation, 2016, 64, 3794-3802.	3.1	22
103	Low-Profile Helical Quasi-Yagi Antenna Array With Multibeams at the Endfire Direction. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1241-1244.	2.4	22
104	Three-dimensional frequency selective surfaces. , 2010, , .		21
105	Fast Wideband Analysis of Reverberation Chambers Using Hybrid Discrete Singular Convolution-Method of Moments and Adaptive Frequency Sampling. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	21
106	Cavity-based high-efficiency and wideband 90° polarization rotator. Applied Physics Letters, 2016, 109, .	1.5	21
107	Broadband and thin magnetic absorber with non-Foster metasurface for admittance matching. Scientific Reports, 2017, 7, 6922.	1.6	21
108	3-D Absorptive Energy-Selective Structures. IEEE Transactions on Antennas and Propagation, 2021, 69, 5664-5672.	3.1	21

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109	Top-Hat Monopole Antenna for Conical-Beam Radiation. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 396-398.	2.4	20
110	Open-Ended Coaxial Waveguide for Conical-Beam Radiation. IEEE Transactions on Antennas and Propagation, 2012, 60, 2518-2521.	3.1	20
111	Finite-difference time-domain macromodel for simulation of electromagnetic interference at high-speed interconnects. IEEE Transactions on Magnetics, 2005, 41, 65-71.	1.2	19
112	Hybrid Discrete Singular Convolution-Method of Moments Analysis of a 2-D Transverse Magnetic Reverberation Chamber. IEEE Transactions on Electromagnetic Compatibility, 2010, 52, 612-619.	1.4	19
113	Compact and High-Gain UHF/UWB RFID Reader Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 5002-5010.	3.1	19
114	Modal analysis of a rectangular waveguide with rounded sides. Microwave and Optical Technology Letters, 2002, 33, 365-368.	0.9	18
115	Scattering by a Two-Dimensional Periodic Array of Vertically Placed Microstrip Lines. IEEE Transactions on Antennas and Propagation, 2011, 59, 2599-2606.	3.1	18
116	A Novel Broadband Dual-Polarized Antenna Element for LTE700 MHz/GSM850 MHz/GSM900 MHz Applications. IEEE Access, 2016, 4, 4321-4326.	2.6	18
117	Log-Periodic Monopole Array With Uniform Spacing and Uniform Height. IEEE Transactions on Antennas and Propagation, 2018, 66, 4687-4694.	3.1	18
118	Pattern-Reconfigurable Water Horn Antenna. IEEE Transactions on Antennas and Propagation, 2021, 69, 5084-5089.	3.1	18
119	Wideband radar absorbing material combining high-impedance transmission line and circuit analogue screen. Electronics Letters, 2008, 44, 318.	0.5	17
120	A Suspended-Substrate Ku-Band Symmetric Radial Power Combiner. IEEE Microwave and Wireless Components Letters, 2011, 21, 652-654.	2.0	17
121	Cavity-based linear polarizer immune to the polarization direction of an incident plane wave. Optics Letters, 2016, 41, 424.	1.7	17
122	Compact-Size Ultra-Wideband Circularly Polarized Antenna With Stable Gain and Radiation Pattern. IEEE Transactions on Antennas and Propagation, 2022, 70, 943-952.	3.1	17
123	UWB 90° phase shifter based on broadside coupler and T-shaped stub. Electronics Letters, 2016, 52, 2048-2050.	0.5	16
124	Wideband Dual-Polarized Antenna For Spectrum Monitoring Systems. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2236-2239.	2.4	16
125	Diffusive Energy-Selective Surface With Low Backscattering. IEEE Transactions on Antennas and Propagation, 2022, 70, 430-439.	3.1	16
126	Angle-Selective Surface Based on Uniaxial Dielectric-Magnetic Slab. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2457-2461.	2.4	16



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127	Frequency Selective Radome With Wide Diffusive Bands. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 327-331.	2.4	16
128	Hybrid finite-element-modal-expansion method for matched magic T-junction. IEEE Transactions on Magnetism, 2002, 38, 385-388.	1.2	15
129	Weighted Laguerre Polynomials-Finite Difference Method for Time-Domain Modeling of Thin Wire Antennas in a Loaded Cavity. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1131-1134.	2.4	15
130	Circular Aperture Antenna With Conical Beam. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 211-214.	2.4	15
131	Memory-Efficient Modeling of Reverberation Chambers Using Hybrid Recursive Update Discrete Singular Convolution-Method of Moments. IEEE Transactions on Antennas and Propagation, 2012, 60, 2781-2789.	3.1	15
132	Enhancement of backscattering by a conducting cylinder coated with gradient metasurface. Journal of Applied Physics, 2016, 120, .	1.1	15
133	Analytical Algorithm for 3-D Localization of a Single Source With Uniform Circular Array. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 323-326.	2.4	15
134	3-D Single- and Dual-Polarized Frequency-Selective Resonators With Wide Absorption Bands Based on Stepped Impedance Resonator. IEEE Access, 2021, 9, 22317-22327.	2.6	15
135	Bandwidth Enhancement of Antenna Arrays Utilizing Mutual Coupling between Antenna Elements. International Journal of Antennas and Propagation, 2010, 2010, 1-9.	0.7	14
136	An Eight-Way Power Combiner Based on a Transition Between Rectangular Waveguide and Multiple Microstrip Lines. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2585-2593.	2.9	14
137	Integrated Frequency Selective Surface and Antenna Printed on a Transparent Substrate. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2062-2066.	2.4	14
138	Reconfigurable Antennas Based on Pure Water. IEEE Open Journal of Antennas and Propagation, 2021, 2, 623-633.	2.5	14
139	A Gain-Enhanced Microstrip-Fed Cavity-Backed Slot Antenna. , 0, , .		13
140	Radiation of High-Gain Cavity-Backed Slot Antennas Through a Two-Layer Superstrate. IEEE Antennas and Propagation Magazine, 2008, 50, 78-87.	1.2	13
141	MODAL-EXPANSION ANALYSIS OF A MONOPOLE IN VIBRATING REVERBERATION CHAMBER. Progress in Electromagnetics Research, 2008, 85, 303-322.	1.6	13
142	Design of Dual-Polarized Frequency Selective Structure With Quasi-Elliptic Bandpass Response. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 297-300.	2.4	13
143	Frequency-reconfigurable water dielectric resonator antenna. , 2016, , .		13
144	Waveguide power dividers using multiple posts. Microwave and Optical Technology Letters, 2008, 50, 981-984.	0.9	12

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145	Surface Waves Propagating on Grounded Anisotropic Dielectric Slab. Applied Sciences (Switzerland), 2018, 8, 102.	1.3	12
146	Circularly Polarized UHF RFID Tag Antenna for Wireless Sensing of Complex Permittivity of Liquids. IEEE Sensors Journal, 2021, 21, 26746-26754.	2.4	12
147	Transverse Slot Antenna Array in the Broad Wall of a Rectangular Waveguide Partially Filled With a Dielectric Slab. IEEE Transactions on Antennas and Propagation, 2004, 52, 1030-1038.	3.1	11
148	Wide-band measurement of complex permittivity using an overmoded circular cavity. Measurement Science and Technology, 2008, 19, 025702.	1.4	11
149	A CPW- $\epsilon$ FED circularly polarized antenna for lower ultra-wideband applications. Microwave and Optical Technology Letters, 2009, 51, 2365-2369.	0.9	11
150	Reconfigurable water antennas. , 2014, , .		11
151	A Yagi monopole antenna made of pure water. , 2015, , .		11
152	Sea-water half-loop antenna for maritime wireless communications. , 2015, , .		11
153	Wideband 3D frequency selective rasorber with two absorption bands. , 2016, , .		11
154	A low-profile frequency and polarization reconfigurable circularly polarized water antenna for satellite navigation. , 2016, , .		11
155	A Dual-Band Dual-Sleeve Monopole Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2951-2954.	2.4	11
156	Tunable Absorptive Frequency-Selective Transmission Structure. , 2018, , .		11
157	Aperture Antenna Embedded Notched Parallel Plate Waveguide and Its Application to Dual-Polarized 3-D Absorptive Frequency-Selective Transmission Structure. IEEE Access, 2020, 8, 94833-94841.	2.6	11
158	On the Gap Source Model for Monopole Antennas. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 115-118.	2.4	10
159	Function-Reconfigurable Water Short Backfire Antenna. IEEE Access, 2020, 8, 203667-203673.	2.6	10
160	Compact Wideband Wide-Angle Van Atta Retroreflector With Suppressed Structural Mode. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 736-740.	2.4	10
161	Ultrawideband Circularly Polarized Antenna With Shared Semicircular Patches. IEEE Transactions on Antennas and Propagation, 2021, 69, 3555-3559.	3.1	10
162	Absorptive Frequency-Selective Transmission Structures Based on Hybrid FSS and Absorber. IEEE Transactions on Antennas and Propagation, 2022, 70, 5606-5613.	3.1	10

#	ARTICLE	IF	CITATIONS
163	A Broadband Microstrip-to-CPW Transition. , 0, , .		9
164	A Compact Dual- and Wideband Cavity-Backed Slot Subarray. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 80-82.	2.4	9
165	Efficient Analysis of Open-Ended Coaxial Line Using Sommerfeld Identity and Matrix Pencil Method. IEEE Microwave and Wireless Components Letters, 2008, 18, 7-9.	2.0	9
166	Three-dimensional band-pass frequency-selective structure with multiple transmission zeros. , 2012, , .		9
167	Edge-On Backscattering Enhancement Based on Quasi-Superdirective Reradiation. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 539-542.	2.4	9
168	Wideband 3D frequency selective rasorber based on ferrite absorber. , 2017, , .		9
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