

Zhongxiang Shen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Compact-Size Ultra-Wideband Circularly Polarized Antenna With Stable Gain and Radiation Pattern. IEEE Transactions on Antennas and Propagation, 2022, 70, 943-952.	5.1	17
2	Diffusive Energy-Selective Surface With Low Backscattering. IEEE Transactions on Antennas and Propagation, 2022, 70, 430-439.	5.1	16
3	Frequency Selective Radome With Wide Diffusive Bands. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 327-331.	4.0	16
4	Design of a Broadband Antenna Array With Compact Surface-Wave Antenna Elements. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 337-340.	4.0	0
5	Absorptive Frequency-Selective Transmission Structures Based on Hybrid FSS and Absorber. IEEE Transactions on Antennas and Propagation, 2022, 70, 5606-5613.	5.1	10
6	Ultrawideband Circularly Polarized Antenna With Shared Semicircular Patches. IEEE Transactions on Antennas and Propagation, 2021, 69, 3555-3559.	5.1	10
7	Hybrid Frequency-Selective Resorber With Low-Frequency Diffusion and High-Frequency Absorption. IEEE Transactions on Antennas and Propagation, 2021, 69, 1469-1476.	5.1	51
8	3-D Single- and Dual-Polarized Frequency-Selective Resorbers With Wide Absorption Bands Based on Stepped Impedance Resonator. IEEE Access, 2021, 9, 22317-22327.	4.2	15
9	High-Performance Energy Selective Surface Based on the Double-Resonance Concept. IEEE Transactions on Antennas and Propagation, 2021, 69, 7658-7666.	5.1	25
10	Angular selectivity based on a double-resonance periodic array of scatterers. Optics Express, 2021, 29, 20379.	3.4	9
11	Hybrid Absorptive-Diffusive Frequency Selective Radome. IEEE Transactions on Antennas and Propagation, 2021, 69, 3312-3321.	5.1	40
12	Pattern-Reconfigurable Water Horn Antenna. IEEE Transactions on Antennas and Propagation, 2021, 69, 5084-5089.	5.1	18
13	Ultra-Wide-Angle Bandpass Frequency Selective Surface. IEEE Transactions on Antennas and Propagation, 2021, 69, 5673-5681.	5.1	26
14	3-D Absorptive Energy-Selective Structures. IEEE Transactions on Antennas and Propagation, 2021, 69, 5664-5672.	5.1	21
15	A General Method to Accurately Measure the Thin-Film Sheet Resistance for Sensors. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	4
16	Reconfigurable Antennas Based on Pure Water. IEEE Open Journal of Antennas and Propagation, 2021, 2, 623-633.	3.7	14
17	Brief Overview of Electromagnetic Selective Structures. , 2021, , .		0
18	Circularly Polarized UHF RFID Tag Antenna for Wireless Sensing of Complex Permittivity of Liquids. IEEE Sensors Journal, 2021, 21, 26746-26754.	4.7	12

#	ARTICLE	IF	CITATIONS
19	Measurement Methods of Electromagnetic Selective Structures. , 2021, , .		0
20	High-Aperture-Efficiency and Short-Longitudinal Length 2×2 Square Horn Antenna Array. , 2021, , .		1
21	A Meander Line UHF RFID Reader Antenna with Uniform Near-field Distribution. , 2021, , .		0
22	Design of a Compact Phased Array Using 16 Surface-Wave Antenna Elements. , 2021, , .		0
23	RCS Reduction of Slot Antenna Array Using Coding Metasurfaces. , 2021, , .		0
24	Absorptive Frequency-Selective Reflection/Transmission Structures: A Review and Future Perspectives. IEEE Antennas and Propagation Magazine, 2020, 62, 62-74.	1.4	45
25	Low-RCS and Beam-Steerable Dipole Array Using Absorptive Frequency-Selective Reflection Structures. IEEE Transactions on Antennas and Propagation, 2020, 68, 2457-2462.	5.1	32
26	Combined Triangle Quarter-Wavelength Patches and Their Application to High-Gain CP Antenna. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 104-108.	4.0	5
27	Low-Profile Broadband Absorber Based on Multimode Resistor-Embedded Metallic Strips. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 835-843.	4.6	65
28	On the Design of Multiband Antenna Employing AFSR Structure as Ground Plane for Low Out-of-Band RCS. , 2020, , .		1
29	Integrated Frequency Selective Surface and Antenna Printed on a Transparent Substrate. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2062-2066.	4.0	14
30	Function-Reconfigurable Water Short Backfire Antenna. IEEE Access, 2020, 8, 203667-203673.	4.2	10
31	A Pattern Reconfigurable Water Leaky-wave Antenna with Conical Beam. , 2020, , .		5
32	Brewster Lens With Perfect Wave Refraction. IEEE Transactions on Antennas and Propagation, 2020, 68, 6204-6213.	5.1	7
33	Absorptive Coding Metasurface With Ultrawideband Backscattering Reduction. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1201-1205.	4.0	31
34	Frequency-Scanning Multipolarization Antennas. IEEE Transactions on Antennas and Propagation, 2020, 68, 7245-7254.	5.1	7
35	Ultrathin 3-D Frequency Selective Resorber With Wide Absorption Bands. IEEE Transactions on Antennas and Propagation, 2020, 68, 4697-4705.	5.1	35
36	Absorptive Frequency-Selective Reflector Based on Bent Metallic Strip Embedded With Chip-Resistor. IEEE Transactions on Antennas and Propagation, 2020, 68, 5736-5741.	5.1	23

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37	3-D Frequency-Selective Resorber Based on Magnetic Material and Meander Line. IEEE Transactions on Antennas and Propagation, 2020, 68, 7694-7699.	5.1	24
38	Compact Wideband Wide-Angle Van Atta Retroreflector With Suppressed Structural Mode. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 736-740.	4.0	10
39	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.	4.2	11
40	Angle-Selective Surface Based on Uniaxial Dielectric-Magnetic Slab. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2457-2461.	4.0	16
41	A Three-Dimensional Design of Ultra-Wideband Microwave Absorbers. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4206-4215.	4.6	37
42	UHF RFID Reader Antenna with Four Sub-Arrays for Near-Field and Far-Field Operations. , 2020, , .		1
43	Ultra-Broadband 3-D Absorptive Frequency-Selective Transmission Structure Using Commercial Absorber. , 2020, , .		3
44	Absorptive Frequency-Selective Reflectors. , 2019, , .		1
45	Broadband Band-Absorptive Frequency-Selective Resorber With a Hybrid 2-D and 3-D Structure. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1701-1705.	4.0	33
46	Wideband Water Helical Antenna of Circular Polarization. IEEE Transactions on Antennas and Propagation, 2019, 67, 6770-6777.	5.1	37
47	Tunable Frequency-Selective Resorber Based on Varactor-Embedded Square-Loop Array. IEEE Access, 2019, 7, 115552-115559.	4.2	45
48	Conformal platform-Embedded horn antenna with ultra-wide bandwidth and low profile. IET Microwaves, Antennas and Propagation, 2019, 13, 1711-1718.	1.4	2
49	Compact and Wideband Dipole Antennas. , 2019, , .		2
50	Ultra-Wideband H-Plane Horn Antenna for Radar and Sensing Applications. , 2019, , .		0
51	High-Efficiency Brewster Lens for Arbitrary Wavefront Control. , 2019, , .		0
52	Miniaturized UHF/UWB Tag Antenna for Indoor Positioning Systems. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2453-2457.	4.0	26
53	Multi-Band Absorptive Frequency-Selective Reflection Structures. , 2019, , .		3
54	Arbitrary Manipulation of Orthogonal Polarizations for Multi-functionality via a Metasurface. , 2019, , .		0

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55	A Dual-Band Bifilar Helical Antenna With Parasitic Parallelogram Loops. , 2019, , .		0
56	An Ultra-thin Wideband 3-D Frequency Selective Rasorber based on Ferrite Absorber and Slow Wave Structure. , 2019, , .		3
57	Reconfigurable RHCP-to-LP Helical Antenna Made of Pure Water. , 2019, , .		9
58	Design of 3-D Multilayer Ferrite-Loaded Frequency-Selective Rasorbers With Wide Absorption Bands. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 108-117.	4.6	74
59	Spurious-Free Dual-Band Bandpass Frequency-Selective Surfaces With Large Band Ratio. IEEE Transactions on Antennas and Propagation, 2019, 67, 1065-1072.	5.1	25
60	3D Band-Absorptive Frequency Selective Rasorber: Concept and Analysis. IEEE Access, 2019, 7, 2520-2528.	4.2	28
61	Low-RCS Reflectarray With Phase Controllable Absorptive Frequency-Selective Reflector. IEEE Transactions on Antennas and Propagation, 2019, 67, 190-198.	5.1	61
62	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.	5.1	66
63	A Compact and Wideband Vertically Polarized Monopole Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 626-631.	5.1	38
64	Dual-Polarized Band-Absorptive Frequency Selective Rasorber Using Meander-Line and Lumped Resistors. IEEE Transactions on Antennas and Propagation, 2019, 67, 1318-1322.	5.1	111
65	Analytical Algorithm for 3-D Localization of a Single Source With Uniform Circular Array. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 323-326.	4.0	15
66	Metafluidic metamaterial: a review. Advances in Physics: X, 2018, 3, 1417055.	4.1	32
67	End-Fire Surface Wave Antenna With Metasurface Coating. IEEE Access, 2018, 6, 23778-23785.	4.2	25
68	Compact and Wideband Millimeter-Wave Antenna-Coupled Detector. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 1058-1069.	4.6	2
69	2â€“18 GHz Conformal Low-Profile Log-Periodic Array on a Cylindrical Conductor. IEEE Transactions on Antennas and Propagation, 2018, 66, 729-736.	5.1	46
70	Realization of Low-RCS Parabolic Reflector Antenna Using Curved 3-D Frequency-Selective Structure. , 2018, , .		7
71	Tunable Absorptive Frequency-Selective Transmission Structure. , 2018, , .		11
72	3D Absorptive Frequency-Selective Reflection and Transmission Structures With Dual Absorption Bands. IEEE Access, 2018, 6, 72880-72888.	4.2	40

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73	An Ultra-Wideband and High-Efficiency 90° Polarization Rotator Based on Double Split-Ring Resonators. , 2018, , .		2
74	A Beam-Switched Low-Profile Antenna Array with Butler Matrix. , 2018, , .		0
75	A Log-Periodic Monopole Array with Uniform Spacing. , 2018, , .		1
76	An Absorptive Frequency-selective Reflector Based on Miniaturized Square-loop Resonator. , 2018, , .		2
77	Conformal End-Fire Antennas for Unmanned Aerial Vehicles. , 2018, , .		1
78	Ultra-Wideband Harmonic-Suppressed Bandpass/stop Frequency-Selective Surface Based on L-C Lumped Elements. , 2018, , .		0
79	Surface Waves Propagating on Grounded Anisotropic Dielectric Slab. Applied Sciences (Switzerland), 2018, 8, 102.	2.5	12
80	Multiband and Wideband 90° Polarization Rotators. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1822-1826.	4.0	26
81	Dual-Band Shared-Aperture UHF/UWB RFID Reader Antenna of Circular Polarization. IEEE Transactions on Antennas and Propagation, 2018, 66, 3886-3893.	5.1	39
82	Log-Periodic Monopole Array With Uniform Spacing and Uniform Height. IEEE Transactions on Antennas and Propagation, 2018, 66, 4687-4694.	5.1	18
83	Arbitrary and Independent Polarization Control In Situ via a Single Metasurface. Advanced Optical Materials, 2018, 6, 1800728.	7.3	49
84	0.2 λ Thick Adaptive Retroreflector Made of Spin-Locked Metasurface. Advanced Materials, 2018, 30, e1802721.	21.0	58
85	Compact Low-Profile Dual-Band Tag Antenna for Indoor Positioning Systems. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 400-403.	4.0	29
86	Wideband and Low-Profile Monocone Quasi-Yagi Antenna for Endfire Radiation. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 325-328.	4.0	38
87	Thin Bandstop Frequency-Selective Structures Based on Loop Resonator. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2298-2309.	4.6	30
88	Ferrite Coating Design for Near-Ground HF Bowtie Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 2074-2078.	5.1	6
89	Design and Experimental Demonstration of Non-Foster Active Absorber. IEEE Transactions on Antennas and Propagation, 2017, 65, 696-704.	5.1	37
90	Polarization-Independent Backscattering Enhancement of Cylinders Based on Conformal Gradient Metasurfaces. IEEE Transactions on Antennas and Propagation, 2017, 65, 2386-2396.	5.1	36

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91	Low-Profile Helical Quasi-Yagi Antenna Array With Multibeam at the Endfire Direction. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1241-1244.	4.0	22
92	Radar cross-section enhancement techniques. , 2017, , .		1
93	3-D Frequency-Selective Resorber With Wide Upper Absorption Band. IEEE Transactions on Antennas and Propagation, 2017, 65, 4363-4367.	5.1	107
94	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.	4.6	64
95	Wideband Dual-Polarized Antenna For Spectrum Monitoring Systems. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2236-2239.	4.0	16
96	Broadband Polarization-Reconfigurable Water Spiral Antenna of Low Profile. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1377-1380.	4.0	63
97	A Dual-Band Dual-Sleeve Monopole Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2951-2954.	4.0	11
98	3-D Absorptive Frequency Selective Reflector for Antenna Radar Cross Section Reduction. IEEE Transactions on Antennas and Propagation, 2017, 65, 5908-5917.	5.1	92
99	Broadband and high-efficiency circular polarizer based on planar-helix chiral metamaterials. Applied Physics Letters, 2017, 111, .	3.3	28
100	Broadband and thin magnetic absorber with non-Foster metasurface for admittance matching. Scientific Reports, 2017, 7, 6922.	3.3	21
101	Compact and High-Gain UHF/UWB RFID Reader Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 5002-5010.	5.1	19
102	Electromagnetic retroreflection augmented by spherical and conical metasurfaces. Journal of Applied Physics, 2017, 122, 205104.	2.5	4
103	A dual-band antenna for unmanned aerial vehicle applications. , 2017, , .		3
104	Absorptive Frequency-Selective Transmission Structure With Square-Loop Hybrid Resonator. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3212-3215.	4.0	156
105	Absorptive Frequency-Selective Reflection and Transmission Structures. IEEE Transactions on Antennas and Propagation, 2017, 65, 6173-6178.	5.1	135
106	Circular Polarization Selective Structure Based on Planar Helix. , 2017, , .		0
107	Antenna design: Early history, basic considerations and recent developments. , 2017, , .		0
108	Wideband 3D frequency selective resorber based on ferrite absorber. , 2017, , .		9

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109	Conformal Cavity-Backed slot antenna embedded in a conical platform for end-fire radiation. , 2017, , .		2
110	Co-simulation and co-optimization strategy for active absorber with periodic structure. , 2017, , .		1
111	Cavity-based high-efficiency and wideband 90° polarization rotator. Applied Physics Letters, 2016, 109, .	3.3	21
112	UHF/UWB Tag Antenna of Circular Polarization. IEEE Transactions on Antennas and Propagation, 2016, 64, 3794-3802.	5.1	22
113	Dual-polarized absorber based on 3-D frequency selective structure. , 2016, , .		3
114	Effects of grounding platform on the radiation performance of H-plane horn antennas. , 2016, , .		2
115	Frequency-reconfigurable water antenna integrated with solar cell. , 2016, , .		2
116	A pattern reconfigurable low-profile Yagi monopole antenna with 360° beam-scanning ability. , 2016, , .		4
117	Frequency-reconfigurable water antenna of circular polarization. Applied Physics Letters, 2016, 108, .	3.3	40
118	Enhancement of backscattering by a conducting cylinder coated with gradient metasurface. Journal of Applied Physics, 2016, 120, .	2.5	15
119	Wideband 3D frequency selective absorber with two absorption bands. , 2016, , .		11
120	Design of Wideband Bandstop Frequency-Selective Structures Using Stacked Parallel Strip Line Arrays. IEEE Transactions on Antennas and Propagation, 2016, 64, 3401-3409.	5.1	25
121	Multiband High-Order Bandstop 3-D Frequency-Selective Structures. IEEE Transactions on Antennas and Propagation, 2016, 64, 2217-2226.	5.1	67
122	Printed J-slot patch antenna for millimeter-wave applications. , 2016, , .		1
123	A Novel Broadband Dual-Polarized Antenna Element for LTE700 MHz/GSM850 MHz/GSM900 MHz Applications. IEEE Access, 2016, 4, 4321-4326.	4.2	18
124	Frequency-reconfigurable water dielectric resonator antenna. , 2016, , .		13
125	Liquid antennas. , 2016, , .		2
126	UWB 90° phase shifter based on broadside coupler and T-shaped stub. Electronics Letters, 2016, 52, 2048-2050.	1.0	16

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127	Tunable bandpass frequency selective surface with embedded biasing. , 2016, , .		1
128	3-D Frequency Selective Resorber: Concept, Analysis, and Design. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3087-3096.	4.6	173
129	A low-profile frequency and polarization reconfigurable circularly polarized water antenna for satellite navigation. , 2016, , .		11
130	Varactor-Tunable Second-Order Bandpass Frequency-Selective Surface With Embedded Bias Network. IEEE Transactions on Antennas and Propagation, 2016, 64, 1672-1680.	5.1	133
131	Cavity-based linear polarizer immune to the polarization direction of an incident plane wave. Optics Letters, 2016, 41, 424.	3.3	17
132	Broadband and low-profile H-plane ridged horn antenna. , 2015, , .		3
133	A dual-function microstrip antenna for compass and WLAN applications. , 2015, , .		1
134	A Flat Lens with Tunable Phase Gradient by Using Random Access Reconfigurable Metamaterial. Advanced Materials, 2015, 27, 4739-4743.	21.0	121
135	Wideband Flush-Mounted Surface Wave Antenna of Very Low Profile. IEEE Transactions on Antennas and Propagation, 2015, 63, 2430-2438.	5.1	142
136	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.	2.1	21
137	Ultra-wide bandstop frequency selective structure using a cascaded array of vertically stacked parallel strip lines. , 2015, , .		0
138	Shunt-Excited Sea-Water Monopole Antenna of High Efficiency. IEEE Transactions on Antennas and Propagation, 2015, 63, 5185-5190.	5.1	44
139	Analysis of monopole antenna excited by a current probe. , 2015, , .		0
140	Wideband and low-profile end-fire antennas mountable on metallic platforms. , 2015, , .		2
141	3D frequency selective resorber: Concept, theory, and design. , 2015, , .		5
142	Multi-band second-order bandstop frequency selective structure with controllable band ratios. , 2015, , .		2
143	Implementation of three-dimensional bandpass frequency selective structure using multilayer PCB technology. , 2015, , .		1
144	A Yagi monopole antenna made of pure water. , 2015, , .		11

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145	Sea-water half-loop antenna for maritime wireless communications. , 2015, , .		11
146	Efficient Computation of the Impedance Matrix of Magnetic Field Integral Equation for Polyhedral Conductors. IEEE Transactions on Antennas and Propagation, 2015, 63, 630-635.	5.1	0
147	Conformal SIW H-Plane Horn Antenna on a Conducting Cylinder. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1271-1274.	4.0	50
148	Low-Profile Top-Hat Monopole Yagi Antenna for End-Fire Radiation. IEEE Transactions on Antennas and Propagation, 2015, 63, 2851-2857.	5.1	72
149	Broadband circularly polarized moon-shaped monopole antenna. Microwave and Optical Technology Letters, 2015, 57, 1135-1139.	1.4	25
150	Conformal VHF Log-Periodic Balloon Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 2756-2761.	5.1	40
151	Wideband circular polarizer based on dielectric gratings with periodic parallel strips. Optics Express, 2015, 23, 12533.	3.4	45
152	Edge-On Backscattering Enhancement Based on Quasi-Superdirective Reradiation. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 539-542.	4.0	9
153	A Four-Element Array of Wideband Low-Profile H-Plane Horns. IEEE Transactions on Vehicular Technology, 2015, 64, 4356-4359.	6.3	6
154	A Single-Layer Circular Polarizer Based on Hybrid Meander Line and Loop Configuration. IEEE Transactions on Antennas and Propagation, 2015, 63, 4609-4614.	5.1	79
155	Transition from Plasmon Coupling to Plasmon-Microcavity Hybridization. , 2015, , .		0
156	Analysis of substrate integrated waveguide structures using contour integral equation. , 2015, , .		1
157	Planar Helical Antenna of Circular Polarization. IEEE Transactions on Antennas and Propagation, 2015, 63, 4315-4323.	5.1	73
158	Low-Profile Log-Periodic Monopole Array. IEEE Transactions on Antennas and Propagation, 2015, 63, 5484-5491.	5.1	73
159	Optically transparent balloon antenna. , 2015, , .		4
160	Broadband Antennas and Antenna Arrays. International Journal of Antennas and Propagation, 2014, 2014, 1-2.	1.2	1
161	Analysis of Dyakonov surface waves existing at the interface of an isotropic medium and a conductor-backed uniaxial slab. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 1923.	1.5	4
162	Synthesis of single- and dual-band short-circuited waveguide orthomode transducers. , 2014, , .		0

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163	A pseudo-planar metasurface for a polarization rotator. Optics Express, 2014, 22, 10446.	3.4	30
164	Optimization of ferrite coating for near-ground HF bowtie antenna. , 2014, , .		2
165	Backscattering from planar spiral antennas. , 2014, , .		0
166	Improved polarization converter using symmetrical semi-ring slots. , 2014, , .		7
167	Frequency-Selective Resorber Based on Square-Loop and Cross-Dipole Arrays. IEEE Transactions on Antennas and Propagation, 2014, 62, 5581-5589.	5.1	302
168	Compact Circularly Polarized Antenna Based on Quarter-Mode Substrate Integrated Waveguide Sub-Array. IEEE Transactions on Antennas and Propagation, 2014, 62, 963-967.	5.1	52
169	High-Efficiency Sea-Water Monopole Antenna for Maritime Wireless Communications. IEEE Transactions on Antennas and Propagation, 2014, 62, 5968-5973.	5.1	118
170	Analysis and design of frequency selective absorbers. , 2014, , .		2
171	Reconfigurable water antennas. , 2014, , .		11
172	Wideband bandpass frequency selective structure based on periodic array of multi-layer strip lines. , 2014, , .		5
173	A Compact Cavity-Backed Endfire Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 281-284.	4.0	22
174	Optimal Antenna Design With QPSO-â€œQN Optimization Strategy. IEEE Transactions on Magnetics, 2014, 50, 645-648.	2.1	4
175	Reconfigurable Leaky-Wave Antenna Based on Periodic Water Grating. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 134-137.	4.0	65
176	Compact Triple-Mode Filter Based on Quarter-Mode Substrate Integrated Waveguide. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 37-45.	4.6	109
177	Wideband 3D Frequency Selective Resorber. IEEE Transactions on Antennas and Propagation, 2014, 62, 6536-6541.	5.1	148
178	Angular-stable polarization rotator. , 2014, , .		0
179	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.	5.1	99
180	Dual-Band Bandpass Frequency-Selective Structures With Arbitrary Band Ratios. IEEE Transactions on Antennas and Propagation, 2014, 62, 5504-5512.	5.1	71

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181	An overview of three-dimensional frequency-selective structures. IEEE Antennas and Propagation Magazine, 2014, 56, 43-67.	1.4	141
182	A conformal cavity-backed supergain slot antenna. , 2014, , .		5
183	Bandpass Frequency Selective Structure With Wideband Spurious Rejection. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 145-148.	4.0	35
184	Three-Dimensional Dual-Polarized Frequency Selective Structure With Wide Out-of-Band Rejection. IEEE Transactions on Antennas and Propagation, 2014, 62, 130-137.	5.1	68
185	Attentional bias toward safety predicts safety behaviors. Accident Analysis and Prevention, 2014, 71, 144-153.	5.7	22
186	Synthesis of Quasi-Elliptic Bandpass Frequency-Selective Surface Using Cascaded Loop Arrays. IEEE Transactions on Antennas and Propagation, 2013, 61, 3053-3059.	5.1	96
187	Broadband horizontally polarized HF antenna with extremely low profile above conducting ground. , 2013, , .		4
188	Three-Dimensional Bandpass Frequency-Selective Structures With Multiple Transmission Zeros. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3578-3589.	4.6	120
189	Linear-to-circular polarization converter based on a two-dimensional periodic array of inhomogenously filled waveguide. , 2013, , .		2
190	Angular-stable and polarization-independent frequency selective structure with high selectivity. Applied Physics Letters, 2013, 103, .	3.3	30
191	Moon-shaped printed monopole antenna for wideband circularly polarized radiation. , 2013, , .		8
192	Three-dimensional broadband bandstop frequency selective structure using dual-mode resonators. , 2013, , .		4
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