

Zhongxiang Shen

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.

288
papers

5,198
citations

40
h-index

60
g-index

377
ext. papers

6,998
ext. citations

3.3
avg, IF

6.59
L-index

#	Paper	IF	Citations
288	Absorptive Frequency-Selective Transmission Structures Based on Hybrid FSS and Absorber. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	2
287	Frequency Selective Radome With Wide Diffusive Bands. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	3
286	Circularly Polarized UHF RFID Tag Antenna for Wireless Sensing of Complex Permittivity of Liquids. <i>IEEE Sensors Journal</i> , 2021 , 21, 26746-26754	4	4
285	Design of a Broadband Antenna Array With Compact Surface-Wave Antenna Elements. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	
284	Angular selectivity based on a double-resonance periodic array of scatterers. <i>Optics Express</i> , 2021 , 29, 20379-20386	3.3	1
283	. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3312-3321	4.9	14
282	Ultrawideband Circularly Polarized Antenna With Shared Semicircular Patches. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3555-3559	4.9	4
281	Hybrid Frequency-Selective Resorber With Low-Frequency Diffusion and High-Frequency Absorption. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 1469-1476	4.9	19
280	3-D Single- and Dual-Polarized Frequency-Selective Resorbers With Wide Absorption Bands Based on Stepped Impedance Resonator. <i>IEEE Access</i> , 2021 , 9, 22317-22327	3.5	5
279	High-Performance Energy Selective Surface Based on the Double-Resonance Concept. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	8
278	Compact-Size Ultra-Wideband Circularly Polarized Antenna with Stable Gain and Radiation Pattern. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
277	. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5084-5089	4.9	3
276	Ultra-Wide-Angle Bandpass Frequency Selective Surface. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5673-5681	4.9	8
275	. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5664-5672	4.9	10
274	Diffusive Energy-Selective Surface with Low Backscattering. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	6
273	A General Method to Accurately Measure the Thin-Film Sheet Resistance for Sensors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-9	5.2	1
272	Reconfigurable Antennas Based on Pure Water. <i>IEEE Open Journal of Antennas and Propagation</i> , 2021 , 2, 623-633	1.9	5

271	A Pattern Reconfigurable Water Leaky-wave Antenna with Conical Beam 2020 ,		3
270	Brewster Lens With Perfect Wave Refraction. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 6204-6213	4.9	3
269	Absorptive Coding Metasurface With Ultrawideband Backscattering Reduction. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1201-1205	3.8	14
268	Frequency-Scanning Multipolarization Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7245-7254	4.9	4
267	Ultrathin 3-D Frequency Selective Resorber With Wide Absorption Bands. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4697-4705	4.9	22
266	Absorptive Frequency-Selective Reflector Based on Bent Metallic Strip Embedded With Chip-Resistor. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 5736-5741	4.9	12
265	3-D Frequency-Selective Resorber Based on Magnetic Material and Meander Line. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7694-7699	4.9	10
264	Compact Wideband Wide-Angle Van Atta Retroreflector With Suppressed Structural Mode. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 736-740	3.8	5
263	Aperture Antenna Embedded Notched Parallel Plate Waveguide and Its Application to Dual-Polarized 3-D Absorptive Frequency-Selective Transmission Structure. <i>IEEE Access</i> , 2020 , 8, 94833-94841	3.5	8
262	Angle-Selective Surface Based on Uniaxial Dielectric-Magnetic Slab. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2457-2461	3.8	3
261	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 4206-4215	4.1	16
260	Absorptive Frequency-Selective Reflection/Transmission Structures: A Review and Future Perspectives. <i>IEEE Antennas and Propagation Magazine</i> , 2020 , 62, 62-74	1.7	21
259	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	4.9	13
258	Combined Triangle Quarter-Wavelength Patches and Their Application to High-Gain CP Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 104-108	3.8	2
257	Low-Profile Broadband Absorber Based on Multimode Resistor-Embedded Metallic Strips. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 835-843	4.1	34
256	Integrated Frequency Selective Surface and Antenna Printed on a Transparent Substrate. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2062-2066	3.8	5
255	. <i>IEEE Access</i> , 2020 , 8, 203667-203673	3.5	5
254	Miniaturized UHF/UWB Tag Antenna for Indoor Positioning Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 2453-2457	3.8	12

253	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	3.8	18
252	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6770-6777	4.9	24
251	Tunable Frequency-Selective Resorber Based on Varactor-Embedded Square-Loop Array. <i>IEEE Access</i> , 2019 , 7, 115552-115559	3.5	24
250	Conformal platform-embedded horn antenna with ultra-wide bandwidth and low profile. <i>IET Microwaves, Antennas and Propagation</i> , 2019 , 13, 1711-1718	1.6	1
249	Compact and Wideband Dipole Antennas 2019 ,		2
248	An Ultra-thin Wideband 3-D Frequency Selective Resorber based on Ferrite Absorber and Slow Wave Structure 2019 ,		2
247	2019 ,		6
246	Design of 3-D Multilayer Ferrite-Loaded Frequency-Selective Resorbers With Wide Absorption Bands. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 108-117	4.1	48
245	Spurious-Free Dual-Band Bandpass Frequency-Selective Surfaces With Large Band Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1065-1072	4.9	9
244	3D Band-Absorptive Frequency Selective Resorber: Concept and Analysis. <i>IEEE Access</i> , 2019 , 7, 2520-2528	3.5	21
243	Low-RCS Reflectarray With Phase Controllable Absorptive Frequency-Selective Reflector. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 190-198	4.9	33
242	Thin 3-D Bandpass Frequency-Selective Structure Based on Folded Substrate for Conformal Radome Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 282-290	4.9	41
241	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 626-631	4.9	20
240	Dual-Polarized Band-Absorptive Frequency Selective Resorber Using Meander-Line and Lumped Resistors. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1318-1322	4.9	61
239	Analytical Algorithm for 3-D Localization of a Single Source With Uniform Circular Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 323-326	3.8	10
238	Metafluidic metamaterial: a review. <i>Advances in Physics: X</i> , 2018 , 3, 1417055	5.1	22
237	. <i>IEEE Access</i> , 2018 , 6, 23778-23785	3.5	16
236	Compact and Wideband Millimeter-Wave Antenna-Coupled Detector. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 1058-1069	4.1	0

235	Arbitrary and Independent Polarization Control In Situ via a Single Metasurface. <i>Advanced Optical Materials</i> , 2018 , 6, 1800728	8.1	36
234	0.2 μ m Thick Adaptive Retroreflector Made of Spin-Locked Metasurface. <i>Advanced Materials</i> , 2018 , 30, e1802721	24	47
233	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 729-736	4.9	26
232	Realization of Low-RCS Parabolic Reflector Antenna Using Curved 3-D Frequency-Selective Structure 2018 ,		4
231	Tunable Absorptive Frequency-Selective Transmission Structure 2018 ,		7
230	3D Absorptive Frequency-Selective Reflection and Transmission Structures With Dual Absorption Bands. <i>IEEE Access</i> , 2018 , 6, 72880-72888	3.5	24
229	An Ultra-Wideband and High-Efficiency 90° Polarization Rotator Based on Double Split-Ring Resonators 2018 ,		2
228	An Absorptive Frequency-selective Reflector Based on Miniaturized Square-loop Resonator 2018 ,		2
227	Surface Waves Propagating on Grounded Anisotropic Dielectric Slab. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 102	2.6	11
226	Multiband and Wideband 90° Polarization Rotators. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1822-1826	3.8	16
225	Dual-Band Shared-Aperture UHF/UWB RFID Reader Antenna of Circular Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 3886-3893	4.9	22
224	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4687-4694	4.9	13
223	Compact Low-Profile Dual-Band Tag Antenna for Indoor Positioning Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 400-403	3.8	20
222	Wideband and Low-Profile Monocone Quasi-Yagi Antenna for Endfire Radiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 325-328	3.8	23
221	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 2298-2309	4.1	19
220	Ferrite Coating Design for Near-Ground HF Bowtie Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2074-2078	4.9	3
219	Design and Experimental Demonstration of Non-Foster Active Absorber. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 696-704	4.9	24
218	Polarization-Independent Backscattering Enhancement of Cylinders Based on Conformal Gradient Metasurfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2386-2396	4.9	21

217	Low-Profile Helical Quasi-Yagi Antenna Array With Multibeam at the Endfire Direction. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1241-1244	3.8	12
216	3-D Frequency-Selective Resorber With Wide Upper Absorption Band. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4363-4367	4.9	73
215	Double-Sided Parallel-Strip Line Resonator for Dual-Polarized 3-D Frequency-Selective Structure and Absorber. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 3744-3752	4.1	44
214	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2236-2239	3.8	11
213	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1377-1380	3.8	43
212	A Dual-Band Dual-Sleeve Monopole Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2951-2954	3.8	8
211	3-D Absorptive Frequency Selective Reflector for Antenna Radar Cross Section Reduction. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 5908-5917	4.9	57
210	Broadband and high-efficiency circular polarizer based on planar-helix chiral metamaterials. <i>Applied Physics Letters</i> , 2017 , 111, 113503	3.4	19
209	Broadband and thin magnetic absorber with non-Foster metasurface for admittance matching. <i>Scientific Reports</i> , 2017 , 7, 6922	4.9	13
208	Compact and High-Gain UHF/UWB RFID Reader Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 5002-5010	4.9	10
207	Electromagnetic retroreflection augmented by spherical and conical metasurfaces. <i>Journal of Applied Physics</i> , 2017 , 122, 205104	2.5	2
206	2017 ,		2
205	Absorptive Frequency-Selective Transmission Structure With Square-Loop Hybrid Resonator. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 3212-3215	3.8	99
204	Absorptive Frequency-Selective Reflection and Transmission Structures. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 6173-6178	4.9	85
203	Wideband 3D frequency selective resorber based on ferrite absorber 2017 ,		5
202	Conformal Cavity-Backed slot antenna embedded in a conical platform for end-fire radiation 2017 ,		1
201	. <i>IEEE Access</i> , 2016 , 4, 4321-4326	3.5	12
200	Frequency-reconfigurable water dielectric resonator antenna 2016 ,		5

199	Liquid antennas 2016,		2
198	UWB 90° phase shifter based on broadside coupler and T-shaped stub. <i>Electronics Letters</i> , 2016 , 52, 2048-2050		11
197	3-D Frequency Selective Resorber: Concept, Analysis, and Design. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 3087-3096	4-1	118
196	2016,		10
195	Varactor-Tunable Second-Order Bandpass Frequency-Selective Surface With Embedded Bias Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 1672-1680	4-9	92
194	Cavity-based linear polarizer immune to the polarization direction of an incident plane wave. <i>Optics Letters</i> , 2016 , 41, 424-7	3	11
193	Cavity-based high-efficiency and wideband 90° polarization rotator. <i>Applied Physics Letters</i> , 2016 , 109, 153504	3-4	17
192	UHF/UWB Tag Antenna of Circular Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 3794-3802	4-9	17
191	Dual-polarized absorber based on 3-D frequency selective structure 2016,		2
190	Effects of grounding platform on the radiation performance of H-plane horn antennas 2016,		2
189	Frequency-reconfigurable water antenna integrated with solar cell 2016,		1
188	A pattern reconfigurable low-profile Yagi monopole antenna with 360° beam-scanning ability 2016,		3
187	Frequency-reconfigurable water antenna of circular polarization. <i>Applied Physics Letters</i> , 2016 , 108, 014102	3-4	29
186	Enhancement of backscattering by a conducting cylinder coated with gradient metasurface. <i>Journal of Applied Physics</i> , 2016 , 120, 045109	2-5	10
185	Wideband 3D frequency selective resorber with two absorption bands 2016,		7
184	Liquid Antennas 2016, 1-23		12
183	Design of Wideband Bandstop Frequency-Selective Structures Using Stacked Parallel Strip Line Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 3401-3409	4-9	16
182	. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 2217-2226	4-9	45

181	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 2851-2857	4.9	51
180	Broadband circularly polarized moon-shaped monopole antenna. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1135-1139	1.2	16
179	Conformal VHF Log-Periodic Balloon Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 2756-2761	4.9	25
178	Wideband circular polarizer based on dielectric gratings with periodic parallel strips. <i>Optics Express</i> , 2015 , 23, 12533-43	3.3	34
177	Edge-On Backscattering Enhancement Based on Quasi-Superdirective Reradiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 539-542	3.8	6
176	. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 4356-4359	6.8	3
175	A Single-Layer Circular Polarizer Based on Hybrid Meander Line and Loop Configuration. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 4609-4614	4.9	58
174	Analysis of substrate integrated waveguide structures using contour integral equation 2015 ,		1
173	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 4315-4323	4.9	49
172	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5484-5491	4.9	47
171	Broadband and low-profile H-plane ridged horn antenna 2015 ,		2
170	A flat lens with tunable phase gradient by using random access reconfigurable metamaterial. <i>Advanced Materials</i> , 2015 , 27, 4739-43	24	92
169	Wideband Flush-Mounted Surface Wave Antenna of Very Low Profile. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 2430-2438	4.9	85
168	Fast Wideband Analysis of Reverberation Chambers Using Hybrid Discrete Singular Convolution-Method of Moments and Adaptive Frequency Sampling. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	8
167	Shunt-Excited Sea-Water Monopole Antenna of High Efficiency. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5185-5190	4.9	34
166	3D frequency selective raserber: Concept, theory, and design 2015 ,		4
165	Multi-band second-order bandstop frequency selective structure with controllable band ratios 2015 ,		1
164	A Yagi monopole antenna made of pure water 2015 ,		7

163	Sea-water half-loop antenna for maritime wireless communications 2015 ,		9
162	Efficient Computation of the Impedance Matrix of Magnetic Field Integral Equation for Polyhedral Conductors. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 630-635	4.9	
161	Conformal SIW H-Plane Horn Antenna on a Conducting Cylinder. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1271-1274	3.8	37
160	A Compact Cavity-Backed Endfire Slot Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 281-284	3.8	17
159	Optimal Antenna Design With QPSOQN Optimization Strategy. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 645-648	2	4
158	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 134-137	3.8	42
157	Compact Triple-Mode Filter Based on Quarter-Mode Substrate Integrated Waveguide. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 37-45	4.1	76
156	Wideband 3D Frequency Selective Resorber. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 6536-6541	4.9	96
155	Wideband and Low-Profile H-Plane Ridged SIW Horn Antenna Mounted on a Large Conducting Plane. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5895-5900	4.9	68
154	Dual-Band Bandpass Frequency-Selective Structures With Arbitrary Band Ratios. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5504-5512	4.9	47
153	. <i>IEEE Antennas and Propagation Magazine</i> , 2014 , 56, 43-67	1.7	89
152	A conformal cavity-backed supergain slot antenna 2014 ,		3
151	Bandpass Frequency Selective Structure With Wideband Spurious Rejection. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 145-148	3.8	24
150	Three-Dimensional Dual-Polarized Frequency Selective Structure With Wide Out-of-Band Rejection. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 130-137	4.9	43
149	Attentional bias toward safety predicts safety behaviors. <i>Accident Analysis and Prevention</i> , 2014 , 71, 144-153		17
148	Broadband Antennas and Antenna Arrays. <i>International Journal of Antennas and Propagation</i> , 2014 , 2014, 1-2	1.2	1
147	Analysis of Dyakonov surface waves existing at the interface of an isotropic medium and a conductor-backed uniaxial slab. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014 , 31, 1923-30	1.8	3
146	A pseudo-planar metasurface for a polarization rotator. <i>Optics Express</i> , 2014 , 22, 10446-54	3.3	22

145	Improved polarization converter using symmetrical semi-ring slots 2014 ,		7
144	Frequency-Selective Resorber Based on Square-Loop and Cross-Dipole Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5581-5589	4.9	186
143	Compact Circularly Polarized Antenna Based on Quarter-Mode Substrate Integrated Waveguide Sub-Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 963-967	4.9	39
142	High-Efficiency Sea-Water Monopole Antenna for Maritime Wireless Communications. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5968-5973	4.9	79
141	Reconfigurable water antennas 2014 ,		6
140	Wideband bandpass frequency selective structure based on periodic array of multi-layer strip lines 2014 ,		2
139	Synthesis of Quasi-Elliptic Bandpass Frequency-Selective Surface Using Cascaded Loop Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 3053-3059	4.9	68
138	Broadband horizontally polarized HF antenna with extremely low profile above conducting ground 2013 ,		2
137	Three-Dimensional Bandpass Frequency-Selective Structures With Multiple Transmission Zeros. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 3578-3589	4.1	82
136	Angular-stable and polarization-independent frequency selective structure with high selectivity. <i>Applied Physics Letters</i> , 2013 , 103, 171607	3.4	22
135	Moon-shaped printed monopole antenna for wideband circularly polarized radiation 2013 ,		3
134	Three-dimensional broadband bandstop frequency selective structure using dual-mode resonators 2013 ,		4
133	An Eight-Way Power Combiner Based on a Transition Between Rectangular Waveguide and Multiple Microstrip Lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 2585-2593	4.1	8
132	Dual-band frequency selective structure with large frequency band ratio 2013 ,		2
131	Frequency selective surface with wideband quasi-elliptic bandpass response. <i>Electronics Letters</i> , 2013 , 49, 1052-1053	1.1	29
130	On the Design of Single-Layer Circuit Analog Absorber Using Double-Square-Loop Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 6022-6029	4.9	251
129	A thin wideband circuit analog absorber using square-loop arrays 2013 ,		4
128	Z-shaped monopole antenna for wideband circularly polarized radiation 2013 ,		1

127	Report on the Inaugural IEEE Asia-Pacific Conference on Antennas and Propagation (APCAP). <i>IEEE Antennas and Propagation Magazine</i> , 2013 , 55, 147-152	1.7	
126	High gain conical beam antenna with two concentric coaxial apertures 2012 ,		1
125	Wide-band low-profile circular array of H-plane horn antennas 2012 ,		1
124	Legendre Fit to the Reflection Coefficient of a Radiating Rectangular Waveguide Aperture. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 4009-4014	4.9	6
123	Design of a Switchable Microwave Absorber. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 1158-1161	3.8	26
122	2012 ,		2
121	Compact Omnidirectional Antenna of Circular Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 1466-1469	3.8	34
120	A dual-polarized switchable microwave absorber 2012 ,		2
119	Wide-Band Wide-Coverage Linear Array of Four Semi-Circular Sector Horns. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 3980-3984	4.9	6
118	An Elliptical Bandpass Frequency Selective Structure Based on Microstrip Lines. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 4661-4669	4.9	48
117	Miniaturized Bandstop Frequency-Selective Structure Using Stepped-Impedance Resonators. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 1112-1115	3.8	23
116	Design of Dual-Polarized Frequency Selective Structure With Quasi-Elliptic Bandpass Response. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 297-300	3.8	8
115	Hybrid numerical modelling of reverberation chambers 2012 ,		1
114	Three-dimensional band-pass frequency-selective structure with multiple transmission zeros 2012 ,		6
113	Open-Ended Coaxial Waveguide for Conical-Beam Radiation. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 2518-2521	4.9	11
112	Broadband circularly-polarised antenna consisting of four notch slot radiators. <i>Electronics Letters</i> , 2012 , 48, 1447	1.1	11
111	Three-dimensional band-stop frequency selective structures 2012 ,		3
110	Modeling of reverberation chamber using FMM-Accelerated hybrid integral equation 2012 ,		2

109	PIC simulation for W-band planar helix with straight-edge connections 2012 ,		3
108	Memory-Efficient Modeling of Reverberation Chambers Using Hybrid Recursive Update Discrete Singular Convolution-Method of Moments. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 2781-2789	4.9	12
107	Recursive update-discrete singular convolution method for modeling highly resonant structures 2011 ,		1
106	Top-Hat Monopole Antenna for Conical-Beam Radiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 396-398	3.8	7
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6	Coupled mode analysis of multi-conductor transmission lines including backward coupling		1
5	A broad-band top-cap monopole antenna		1
4	Modal-expansion analysis of electrically steerable passive array radiators (ESPAR)		3
3	A circularly polarized microstrip-fed T-slot antenna		3
2	Scattering at junction between coaxial and eccentric annular waveguides		1

1 A new microstrip-fed cavity-backed annular slot antenna

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