Christophe Fumeaux

List of Publications by Year
in descending order

287 papers	7,304 citations	50276 46 h-index	69250 77 g-index
289 all docs	289 docs citations	289 times ranked	5237 citing authors

#	Article	IF	Citations
1	Shorting Strategies for Wearable Textile Antennas: A review of four shorting methods. IEEE Antennas and Propagation Magazine, 2022, 64, 84-98.	1.4	14
2	Editorial: Status of AWPL. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1-3.	4.0	0
3	Frequency-Selective-Surface-Based Mechanically Reconfigurable Terahertz Bandpass Filter. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 257-266.	3.1	19
4	Tutorial on broadband transmissive metasurfaces for wavefront and polarization control of terahertz waves. Journal of Applied Physics, 2022, 131, .	2.5	20
5	High-Gain Dual-Band Dual-Sense Circularly Polarized Spiral Series-Fed Patch Antenna. IEEE Open Journal of Antennas and Propagation, 2022, 3, 343-352.	3.7	7
6	Frequency-Reconfigurable Circularly Polarized Omnidirectional Antenna. IEEE Transactions on Antennas and Propagation, 2022, 70, 7205-7210.	5.1	13
7	Embroidered Ground Planes for Wearable Antennas. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2022, 12, 1029-1039.	2.5	2
8	Thermographic Investigation of Frequency-Reconfigurable Wearable Antennas. , 2022, , .		2
9	Wideband Flexible Textile Antenna with Parasitic Shorted Strips for Body-Centric Communications. , 2022, , .		0
10	A PDMS-Based Low-Profile Monopole Antenna for Wearable Applications. , 2022, , .		2
11	A Frequency-Reconfigurable Wearable Textile Antenna With One-Octave Tuning Range. IEEE Transactions on Antennas and Propagation, 2021, 69, 8080-8089.	5.1	33
12	Editorial: 2020 Retrospective. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1-2.	4.0	0
13	N-doped reduced graphene oxide-PEDOT nanocomposites for implementation of a flexible wideband antenna for wearable wireless communication applications. Nanotechnology, 2021, 32, 245711.	2.6	8
14	Effective-medium-clad Bragg grating filters. APL Photonics, 2021, 6, .	5.7	23
15	Terahertz transmissive half-wave metasurface with enhanced bandwidth. Optics Letters, 2021, 46, 4164.	3.3	16
16	Wideband Circularly Polarized 3D-Printed Dielectric Rod Antenna with Double-ridged Waveguide Feed. , 2021, , .		0
17	Terahertz transmissive half-wave metasurface with enhanced bandwidth: publisherâ€™s note. Optics Letters, 2021, 46, 4640.	3.3	0
18	Characteristics of Effective-Medium-Clad Dielectric Waveguides. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 28-41.	3.1	45

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19	Integrated resonant cavities on substrateless terahertz dielectric waveguide platform. , 2021, , .		1
20	Circuit-Based Design and Optimization for Broadband Terahertz Metasurfaces. , 2021, , .		1
21	Integrated Terahertz Band-Stop Filter Based on Effective Medium. , 2021, , .		0
22	Improving the Radiation Performance of Resonant-Tunneling Diode by Using Planar Metallic Arrays. , 2021, , .		0
23	360Â° Beam-Steerable Pattern- and Frequency-Reconfigurable Antenna with 3D Printed Dielectric Lens. , 2021, , .		1
24	Investigation of a Button Antenna Performance in Wearing Scenarios. , 2021, , .		0
25	Textile Planar Wideband Omnidirectional Antenna for Wearable Applications. , 2021, , .		2
26	Dual-Band Dual-Mode Wearable Textile Antennas for On-Body and Off-Body Communications. , 2021, , .		1
27	Terahertz Integrated Polarization Beam Splitter Based on Effective-Medium Waveguide. , 2021, , .		2
28	Body-to-Antenna Gap Effect on a UHF Wearable Textile Antenna Performance. , 2021, , .		0
29	Wideband Circularly Polarized 3-D Printed Dielectric Rod Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 745-753.	5.1	21
30	Comments on â€œWideband Radiation Reconfigurable Microstrip Patch Antenna Loaded With Two Inverted U-Slotsâ€• IEEE Transactions on Antennas and Propagation, 2020, 68, 1214-1215.	5.1	4
31	A Concept of Flexible Non-Metallic Dielectric Resonator Antenna for Conformal Applications. , 2020, , .		2
32	Convergence Properties of Surface Conductivity Characterization Method for Thin Conductive Strips. , 2020, , .		0
33	Wearable Dual-Band Dual-Polarization Button Antenna for WBAN Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2240-2244.	4.0	38
34	Broadband terahertz transmissive quarter-wave metasurface. APL Photonics, 2020, 5, .	5.7	28
35	Fast Semi-Analytical Design for Single-FSS-Layer Circuit-Analog Absorbers. IEEE Open Journal of Antennas and Propagation, 2020, 1, 483-492.	3.7	6
36	A Concept of Pattern-Reconfigurable Single-Element Antenna Based on Half-Mode Substrate-Integrated Cavity. , 2020, , .		3

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37	Planar Feeding Techniques for Wearable Textile Antennas. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 1232-1239.	2.5	7
38	Triple-Band Reconfigurable Low-Profile Monopolar Antenna With Independent Tunability. IEEE Open Journal of Antennas and Propagation, 2020, 1, 47-56.	3.7	13
39	Editorial AWPL Status Update. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1-3.	4.0	1
40	Frequency-Agile Self-Diplexing Antenna. , 2020, , .		5
41	Flexible Substrate Materials for Wearable Antennas. , 2020, , .		2
42	Wearable textile EBGâ€inspired bandwidthâ€enhanced patch antenna. IET Microwaves, Antennas and Propagation, 2020, 14, 2011-2019.	1.4	4
43	Ultra-wideband far-infrared absorber based on anisotropically etched doped silicon. Optics Letters, 2020, 45, 1196.	3.3	20
44	Modular Integration of a Passive RFID Sensor With Wearable Textile Antennas for Patient Monitoring. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 1979-1988.	2.5	23
45	Reconfigurable Broadside to End-Fire Antenna Fed by a Switchable Substrate-Integrated Waveguide. , 2020, , .		0
46	All-Silicon Terahertz Components Towards Efficient Integrated Systems. , 2020, , .		1
47	Mode-Matching Analysis of Phase Shifter in Substrate-Integrated Waveguide Technology. , 2019, , .		2
48	Editorial Update and Changes in AWPL. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1-3.	4.0	1
49	Horizontally Polarized 360Â° Beam-Steerable Frequency-Reconfigurable Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 5231-5242.	5.1	22
50	Terahertz Reflectarray with Enhanced Bandwidth. Advanced Optical Materials, 2019, 7, 1900791.	7.3	22
51	Terahertz Reflectarray: Terahertz Reflectarray with Enhanced Bandwidth (Advanced Optical Materials) Tj ETQq1 1 0.784314 rgBT /Ove	7.3	0
52	Designing batteryless wearables for hospitalized older people. , 2019, , .		9
53	Evolution from Air-Cladded to Effective-Medium-Cladded Dielectric Waveguides. , 2019, , .		3
54	Broadband Terahertz Quarter-Wave Plate Design. , 2019, , .		1

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55	Tunable Bandpass-to-Bandstop Quasi-Yagiâ€“Uda Antenna With Sum and Difference Radiation Patterns. IEEE Transactions on Antennas and Propagation, 2019, 67, 2260-2271.	5.1	35
56	Super Low Resolution RF Powered Accelerometers for Alerting on Hospitalized Patient Bed Exits. , 2019, , .		7
57	Wideband Out-of-Phase Power Divider with Large Power Division Ratios. , 2019, , .		1
58	A Reconfigurable Filter Using Defected Ground Structure for Wideband Common-Mode Suppression. IEEE Access, 2019, 7, 36980-36990.	4.2	18
59	Single-FSS-Layer Absorber With Improved Bandwidthâ€“Thickness Tradeoff Adopting Impedance-Matching Superstrate. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 916-920.	4.0	30
60	Terahertz Absorber Design Adopting Metallic FSS in Sub-Skin-Depth Thickness. , 2019, , .		1
61	A Reconfiguration Module with Coplanar Snap-On Connection for Wearable Textile Antennas. , 2019, , .		2
62	Independently Tunable Dual-Band Bandstop Filtering Antenna. , 2019, , .		0
63	Wideband 3D Printed Conformal Dielectric Antenna with End-fire Radiation. , 2019, , .		0
64	Linear Series-Fed Patch Array with Dual Circular Polarization or Arbitrary Linear Polarization. , 2019, , .		7
65	Pattern-Reconfigurable Antenna With Switchable Wideband to Frequency-Agile Bandpass/Bandstop Filtering Operation. IEEE Access, 2019, 7, 167065-167075.	4.2	12
66	A Pattern Diversity Microstrip Antenna with Switchable Sum and Difference Beams in E - and H-plane. , 2019, , .		4
67	Fabrication of Broadband Absorbers for the Far-Infrared Spectral Range. , 2019, , .		0
68	Effective-medium-cladded dielectric waveguides for terahertz waves. Optics Express, 2019, 27, 38721.	3.4	71
69	Dual-Band Bandpass Filtering Monopole Antenna with Independently Tunable Frequencies. , 2019, , .		1
70	AWPL Editorial Updates. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1-3.	4.0	1
71	Editorial AWPL Introduces a Free Reference Page. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 359-359.	4.0	0
72	Ultralow-Profile and Flush-Mounted Monopolar Antennas Integrated Into a Metallic Cavity. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 86-89.	4.0	28

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73	Tutorial: Terahertz beamforming, from concepts to realizations. APL Photonics, 2018, 3, .	5.7	130
74	Tuning Range and Efficiency Optimization of a Frequency-Reconfigurable Patch Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 150-154.	4.0	42
75	Broadband Terahertz Circularâ€Polarization Beam Splitter. Advanced Optical Materials, 2018, 6, 1700852.	7.3	64
76	Highly efficient graphite antennas for conformal applications. , 2018, , .		6
77	A Frequency- and Pattern-Reconfigurable Two-Element Array Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 617-620.	4.0	95
78	Bandwidth Enhancement of a Double-Element Vivaldi Antenna with Sum and Difference Radiation Patterns. , 2018, , .		1
79	Impact of Infill Pattern on 3D Printed Dielectric Resonator Antennas. , 2018, , .		15
80	Multi-element Vivaldi Antenna with Sum and Difference Radiation Patterns. , 2018, , .		2
81	Terahertz Focusing Reflectarray with Enhanced Bandwidth. , 2018, , .		0
82	A Pattern-Reconfigurable Single-Element Microstrip Antenna. , 2018, , .		3
83	Low-Profile Substrate-Integrated Wideband Monopole Antennas. , 2018, , .		0
84	Metasurfaces for Terahertz Polarimetry. , 2018, , .		1
85	Half-Mode Substrate-Integrated Waveguides and Their Applications for Antenna Technology: A Review of the Possibilities for Antenna Design. IEEE Antennas and Propagation Magazine, 2018, 60, 20-31.	1.4	47
86	Metallic and dielectric resonators in broadband half-wave mirrors for terahertz frequencies. , 2018, , .		0
87	A Robust Snap-On Button Solution for Reconfigurable Wearable Textile Antennas. IEEE Transactions on Antennas and Propagation, 2018, 66, 4541-4551.	5.1	46
88	Dielectric-resonator metasurfaces for broadband terahertz quarter- and half-wave mirrors. Optics Express, 2018, 26, 14392.	3.4	37
89	Wideband Endfire 3-D-Printed Dielectric Antenna With Designable Permittivity. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2085-2089.	4.0	33
90	Low-profile monopole antenna with via-less shorting. , 2018, , .		4

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91	Bandwidth enhanced dual-band half-mode substrate-integrated cavity antenna. , 2018, , .		6
92	Sequence Learning with Passive RFID Sensors for Real-Time Bed-Egress Recognition in Older People. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 917-929.	6.3	51
93	Planar Triorthogonal Diversity Slot Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 1416-1421.	5.1	30
94	A Frequency-Reconfigurable Dual-Band Low-Profile Monopolar Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 3336-3343.	5.1	68
95	Conformal integration of traveling-wave slot antennas in millimeter-wave regime. , 2017, , .		0
96	Concept of a beam-steerable cavity-fed antenna with magnetic-dipole coupling elements. , 2017, , .		0
97	Terahertz Reflectarrays and Nonuniform Metasurfaces. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-18.	2.9	41
98	Folded Substrate-Integrated Waveguide Band-Pass Post Filter. IEEE Microwave and Wireless Components Letters, 2017, 27, 22-24.	3.2	16
99	Dual Circularly Polarized Series-Fed Microstrip Patch Array With Coplanar Proximity Coupling. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1500-1503.	4.0	50
100	A dualâ€band dualâ€pattern frequencyâ€reconfigurable antenna. Microwave and Optical Technology Letters, 2017, 59, 2710-2715.	1.4	15
101	Planar slot antenna with circular and vertical polarization diversity. Microwave and Optical Technology Letters, 2017, 59, 2479-2484.	1.4	4
102	Metalâ€Loaded Dielectric Resonator Metasurfaces for Radiative Cooling. Advanced Optical Materials, 2017, 5, 1700460.	7.3	177
103	Textile Multilayer Cavity Slot Monopole For UHF Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2542-2545.	4.0	22
104	Antipodal Vivaldi Antenna for Sum and Difference Radiation Patterns With Reduced Grating Lobes. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3139-3142.	4.0	30
105	Microwave Sensors Based on Symmetry Properties and Metamaterial Concepts. World Scientific Series in Nanoscience and Nanotechnology, 2017, , 499-535.	0.1	0
106	Compact ultrawideband MIMO dielectric resonator antennas with WLAN band rejection. IET Microwaves, Antennas and Propagation, 2017, 11, 1524-1529.	1.4	23
107	A polarization/frequency interchangeable patch for a modular wearable textile antenna. , 2017, , .		6
108	Variational analysis of substrate-integrated waveguides with longitudinal slot. , 2017, , .		1

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109	Design and application of near-field applicators for efficient microwave-assisted laser-induced breakdown spectroscopy. Journal of Analytical Atomic Spectrometry, 2017, 32, 1508-1518.	3.0	20
110	A Frequency- and Polarization-Reconfigurable Circular Cavity Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 999-1002.	4.0	56
111	High-efficiency microwave graphene antenna. , 2017, , .		6
112	Concept of a stub-loaded reconfigurable reflectarray unit cell. , 2017, , .		1
113	Dielectric Resonator Nanoantennas: A Review of the Theoretical Background, Design Examples, Prospects, and Challenges. IEEE Antennas and Propagation Magazine, 2017, 59, 30-42.	1.4	21
114	Detuning effects of wearable patch antennas. , 2017, , .		9
115	The Role of Commercial Simulators and Multidisciplinary Training in Graduate-Level Electromagnetics Education [Education Corner]. IEEE Antennas and Propagation Magazine, 2017, 59, 127-130.	1.4	2
116	Terahertz near-field imaging of dielectric resonators. Optics Express, 2017, 25, 3756.	3.4	18
117	All-dielectric integration of dielectric resonator antenna and photonic crystal waveguide. Optics Express, 2017, 25, 14706.	3.4	46
118	Pattern synthesis of stub-loaded half-mode substrate-integrated leaky-wave antenna. , 2017, , .		0
119	Efficient terahertz reflectarray based on dielectric resonator antennas. , 2016, , .		0
120	Wideband substrateâ€integrated monopole antenna. Microwave and Optical Technology Letters, 2016, 58, 1855-1857.	1.4	1
121	Pulse radiation from a leaky-wave antenna. , 2016, , .		0
122	Near-field imaging of magnetic resonance in terahertz dielectric resonator antennas. , 2016, , .		0
123	Fabrication of micro-scale single-crystal silicon structures for efficient terahertz magnetic mirror. , 2016, , .		0
124	Perturbation method for near-elliptical Half-Mode cavity antennas. , 2016, , .		0
125	Low-Profile Wideband Monopolar UHF Antennas forÂIntegration Onto Vehicles and Helmets. IEEE Transactions on Antennas and Propagation, 2016, 64, 2562-2568.	5.1	50
126	Dielectric Resonator Reflectarray as High-Efficiency Nonuniform Terahertz Metasurface. ACS Photonics, 2016, 3, 1019-1026.	6.6	82

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127	A foldable textile patch for modular snap-on-button-based wearable antennas. , 2016, , .		6
128	Wideband Millimeter-Wave Antennas With Magnetic-Dipole Patterns Integrated in Metallic Structures. IEEE Transactions on Antennas and Propagation, 2016, 64, 4877-4882.	5.1	7
129	Impedance matching of a frequency- and pattern-reconfigurable antenna. , 2016, , .		2
130	A 5.8-GHz flexible microstrip-fed slot antenna realized in PEDOT:PSS conductive polymer. , 2016, , .		5
131	Nanoscale TiO_2 dielectric resonator absorbers. Optics Letters, 2016, 41, 3391.	3.3	36
132	High-efficiency dielectric resonator antennas in the terahertz range. , 2016, , .		0
133	Progress in conductive polymer antennas based on free-standing polypyrrole and PEDOT: PSS. , 2016, , .		5
134	Pattern synthesis with angular mask for leaky-wave antennas. , 2016, , .		2
135	A reconfigurable quarter-wave patch antenna employing a folded loading stub. , 2016, , .		1
136	Snap-on buttons as detachable shorting vias for wearable textile antennas. , 2016, , .		8
137	Folded Y-junction in substrate-integrated waveguide technology. , 2016, , .		0
138	A biasing technique for varactor-loaded reconfigurable antennas. , 2016, , .		0
139	Silicon terahertz resonators. , 2016, , .		0
140	Substrate-integrated waveguide diplexers with improved Y-junctions. Microwave and Optical Technology Letters, 2016, 58, 1384-1388.	1.4	5
141	Terahertz and optical Dielectric Resonator Antennas: Potential and challenges for efficient designs. , 2016, , .		7
142	Reconfigurable antennas based on stub-loaded substrate-integrated circuits. , 2016, , .		0
143	Reconfigurable and Tunable S-Shaped Split-Ring Resonators and Application in Band-Notched UWB Antennas. IEEE Transactions on Antennas and Propagation, 2016, 64, 3766-3776.	5.1	121
144	Transmission-Line Model of Nonuniform Leaky-Wave Antennas. IEEE Transactions on Antennas and Propagation, 2016, 64, 883-893.	5.1	38

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145	A Modular Textile Antenna Design Using Snap-on Buttons for Wearable Applications. IEEE Transactions on Antennas and Propagation, 2016, 64, 894-903.	5.1	79
146	A Frequency- and Pattern-Reconfigurable Center-Shorted Microstrip Antenna. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1955-1958.	4.0	94
147	Reliability-Aware Optimization of a Wideband Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 450-460.	5.1	53
148	Textile Folded Half-Mode Substrate-Integrated Cavity Antenna. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1693-1697.	4.0	22
149	Mechanically Tunable Dielectric Resonator Metasurfaces at Visible Frequencies. ACS Nano, 2016, 10, 133-141.	14.6	255
150	Mode matching analysis of dimension for single-mode operation of shielded microstrip lines. , 2015, , .		0
151	Concept of wearable folded half-mode cavity antenna. , 2015, , .		1
152	Optimization of leaky-wave antennas based on non-uniform HMSIW. , 2015, , .		12
153	Losses in substrate integrated waveguide band-pass post filters. , 2015, , .		1
154	Terahertz Magnetic Mirror Realized with Dielectric Resonator Antennas. Advanced Materials, 2015, 27, 7137-7144.	21.0	63
155	Timeâ€domain vector potential technique for the meshless radial point interpolation method. International Journal for Numerical Methods in Engineering, 2015, 102, 1830-1838.	2.8	3
156	Low-Profile Magnetic Loop Monopole Antenna Based on a Square Substrate-Integrated Cavity. International Journal of Antennas and Propagation, 2015, 2015, 1-6.	1.2	19
157	Single and dual band-notched ultra-wideband antenna based on dumbbell-shaped defects and complementary split ring resonators. , 2015, , .		8
158	Paired Snap-On Buttons Connections for Balanced Antennas in Wearable Systems. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1498-1501.	4.0	26
159	Wearable Applications of Quarter-Wave Patch and Half-Mode Cavity Antennas. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1478-1481.	4.0	42
160	Variational Analysis of Folded Substrate-Integrated Waveguides. IEEE Microwave and Wireless Components Letters, 2015, 25, 352-354.	3.2	17
161	Analysis and Design of a Reconfigurable Antenna Based on Half-Mode Substrate-Integrated Cavity. IEEE Transactions on Antennas and Propagation, 2015, 63, 3345-3353.	5.1	64
162	Terahertz broadband reflectarray with parallel elliptical dipoles. , 2015, , .		0

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163	Passive electric monopole array for terahertz surface wave launcher. , 2015, , .		1
164	Bending impact on a flexible ultra-wideband conductive polymer antenna. , 2015, , .		6
165	Rotation sensing based on the symmetry properties of an open-ended microstrip line loaded with a split ring resonator. , 2015, , .		10
166	Resonance breakdown of dielectric resonator antennas on ground plane at visible frequencies. , 2015, , .		2
167	A Compact, Highly Efficient and Flexible Polymer Ultra-Wideband Antenna. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1207-1210.	4.0	43
168	Directional excitation of surface plasmons by dielectric resonators. Physical Review B, 2015, 91, .	3.2	16
169	Angular Displacement and Velocity Sensors Based on Coplanar Waveguides (CPWs) Loaded with S-Shaped Split Ring Resonators (S-SRR). Sensors, 2015, 15, 9628-9650.	3.8	110
170	Conformal and Multi-scale Time-Domain Methods: From Unstructured Meshes to Meshless Discretisations. , 2015, , 139-165.		1
171	On the choice of basis functions for the meshless radial point interpolation method with small local support domains. , 2015, , .		1
172	Compact coplanar waveguide bandpass filter based on coupled <scp>S</scp>â€shaped split ring resonators. Microwave and Optical Technology Letters, 2015, 57, 1113-1116.	1.4	7
173	A Frequency- and Polarization-Reconfigurable Stub-Loaded Microstrip Patch Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 5235-5240.	5.1	131
174	Polarization-dependent thin-film wire-grid reflectarray for terahertz waves. Applied Physics Letters, 2015, 107, .	3.3	25
175	Spectral and angular characteristics of dielectric resonator metasurface at optical frequencies. Applied Physics Letters, 2014, 105, 191109.	3.3	19
176	Terahertz reflectarray for bidirectional beam splitting. , 2014, , .		2
177	Shorting strategies for a wearable L-slot planar inverted-F antenna. , 2014, , .		8
178	First- and second-order meshless radial point interpolation methods in electromagnetics. , 2014, , .		0
179	Application of metamaterial-inspired resonators in compact microwave displacement sensors. , 2014, , .		10
180	Plasmonic Absorber Based on Nano-scale Dielectric Resonator Antennas. , 2014, , .		2

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181	Hybrid staggered perfectly matched layers in non-staggered meshless time-domain vector potential technique. , 2014, , .		3
182	Terahertz reflectarray as a polarizing beam splitter. Optics Express, 2014, 22, 16148.	3.4	111
183	Design of polarization-dependent reflectarray for terahertz waves. , 2014, , .		0
184	Near-field characteristics of a wideband travelling-wave antenna based on a tapered Half-Mode Substrate-Integrated Waveguide. , 2014, , .		3
185	Dielectric resonator nano-antennas: A pathway to efficient optical antennas. , 2014, , .		0
186	Antenna placement on a large mining vehicle. , 2014, , .		4
187	Coplanar Waveguides Loaded with S-Shaped Split-Ring Resonators: Modeling and Application to Compact Microwave Filters. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1349-1352.	4.0	35
188	Bandpass filters based on coupled split ring resonators for surface waves on planar Goubau lines. , 2014, , .		5
189	Investigation of parasitic effects from feed and termination on the far-field pattern of leaky-wave antennas based on HMSIW. , 2014, , .		3
190	Comparative analysis of split ring resonators (SRR), electric-LC (ELC) resonators, and S-shaped split ring resonators (S-SRR): Potential application to rotation sensors. , 2014, , .		8
191	Two-dimensional alignment and displacement sensor based on movable broadside-coupled split ring resonators. Sensors and Actuators A: Physical, 2014, 210, 18-24.	4.1	131
192	Analysis of Scan Blindness in a Linearly Polarized Tapered-Slot Phased Array in Triangular Latticeâ€"Performance Improvement With Parasitic Notches. IEEE Transactions on Antennas and Propagation, 2014, 62, 4057-4066.	5.1	13
193	Wearable substrate-integrated waveguide with embroidered vias. , 2014, , .		10
194	A Semi-Analytical Solution of a Tapered Half-Mode Substrate-Integrated Waveguide With Application to Rapid Antenna Optimization. IEEE Transactions on Antennas and Propagation, 2014, 62, 3189-3200.	5.1	23
195	Photonic crystal traps THz waves. Nature Photonics, 2014, 8, 586-587.	31.4	12
196	Wearable Textile Shielded Stripline for Broadband Operation. IEEE Microwave and Wireless Components Letters, 2014, 24, 566-568.	3.2	29
197	Efficiency and Scalability of Dielectric Resonator Antennas at Optical Frequencies. IEEE Photonics Journal, 2014, 6, 1-10.	2.0	14
198	S-Shaped Complementary Split Ring Resonators and Their Application to Compact Differential Bandpass Filters With Common-Mode Suppression. IEEE Microwave and Wireless Components Letters, 2014, 24, 149-151.	3.2	49

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199	Plasmonic Resonance toward Terahertz Perfect Absorbers. ACS Photonics, 2014, 1, 625-630.	6.6	75
200	Metamaterial-Inspired Bandpass Filters for Terahertz Surface Waves on Goubau Lines. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 851-858.	3.1	51
201	Comparison between an optical dielectric resonator nano-antenna reflectarray and an equivalent dielectric grating reflector. , 2013, , .		0
202	Wearable Textile Half-Mode Substrate-Integrated Cavity Antenna Using Embroidered Vias. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 805-808.	4.0	121
203	Dielectric resonator nanoantennas at visible frequencies. Optics Express, 2013, 21, 1344.	3.4	187
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