

Christophe Fumeaux

List of Publications by Year in descending order

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289
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289
times ranked

5237
citing authors

#	ARTICLE	IF	CITATIONS
1	Metamaterial-based microfluidic sensor for dielectric characterization. Sensors and Actuators A: Physical, 2013, 189, 233-237.	4.1	351
2	Characterization of the Propagation Properties of the Half-Mode Substrate Integrated Waveguide. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 1996-2004.	4.6	314
3	Mechanically Tunable Dielectric Resonator Metasurfaces at Visible Frequencies. ACS Nano, 2016, 10, 133-141.	14.6	255
4	Displacement Sensor Based on Diamond-Shaped Tapered Split Ring Resonator. IEEE Sensors Journal, 2013, 13, 1153-1160.	4.7	213
5	Dielectric resonator nanoantennas at visible frequencies. Optics Express, 2013, 21, 1344.	3.4	187
6	Metal-Loaded Dielectric Resonator Metasurfaces for Radiative Cooling. Advanced Optical Materials, 2017, 5, 1700460.	7.3	177
7	Rotation Sensor Based on Horn-Shaped Split Ring Resonator. IEEE Sensors Journal, 2013, 13, 3014-3015.	4.7	158
8	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
9	A Frequency- and Polarization-Reconfigurable Stub-Loaded Microstrip Patch Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 5235-5240.	5.1	131
10	Tutorial: Terahertz beamforming, from concepts to realizations. APL Photonics, 2018, 3, .	5.7	130
11	Omnidirectional Cylindrical Dielectric Resonator Antenna With Dual Polarization. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 515-518.	4.0	126
12	Experimental demonstration of reflectarray antennas at terahertz frequencies. Optics Express, 2013, 21, 2875.	3.4	124
13	Wearable Textile Half-Mode Substrate-Integrated Cavity Antenna Using Embroidered Vias. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 805-808.	4.0	121
14	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
15	Comparison of the Radiation Efficiency for the Dielectric Resonator Antenna and the Microstrip Antenna at Ka Band. IEEE Transactions on Antennas and Propagation, 2008, 56, 3589-3592.	5.1	112
16	Terahertz reflectarray as a polarizing beam splitter. Optics Express, 2014, 22, 16148.	3.4	111
17	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
18	Sub-diffraction thin-film sensing with planar terahertz metamaterials. Optics Express, 2012, 20, 3345.	3.4	100

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19	Metamaterial-Inspired Multichannel Thin-Film Sensor. IEEE Sensors Journal, 2012, 12, 1455-1458.	4.7	99
20	A Frequency- and Pattern-Reconfigurable Two-Element Array Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 617-620.	4.0	95
21	A Frequency- and Pattern-Reconfigurable Center-Shorted Microstrip Antenna. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1955-1958.	4.0	94
22	60 GHz Aperture-Coupled Dielectric Resonator Antennas Fed by a Half-Mode Substrate Integrated Waveguide. IEEE Transactions on Antennas and Propagation, 2010, 58, 1856-1864.	5.1	87
23	Dielectric Resonator Reflectarray as High-Efficiency Nonuniform Terahertz Metasurface. ACS Photonics, 2016, 3, 1019-1026.	6.6	82
24	Measurement of the resonant lengths of infrared dipole antennas. Infrared Physics and Technology, 2000, 41, 271-281.	2.9	81
25	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
26	Compact electric-LC resonators for metamaterials. Optics Express, 2010, 18, 25912.	3.4	78
27	A Cross-Shaped Dielectric Resonator Antenna for Multifunction and Polarization Diversity Applications. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 742-745.	4.0	76
28	Plasmonic Resonance toward Terahertz Perfect Absorbers. ACS Photonics, 2014, 1, 625-630.	6.6	75
29	Electrically Tuned Microwave Devices Using Liquid Crystal Technology. International Journal of Antennas and Propagation, 2013, 2013, 1-9.	1.2	71
30	Effective-medium-cladded dielectric waveguides for terahertz waves. Optics Express, 2019, 27, 38721.	3.4	71
31	Lithographic antennas at visible frequencies. Optics Letters, 1999, 24, 1629.	3.3	70
32	A Frequency-Reconfigurable Dual-Band Low-Profile Monopolar Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 3336-3343.	5.1	68
33	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
34	Broadband Terahertz Circular Polarization Beam Splitter. Advanced Optical Materials, 2018, 6, 1700852.	7.3	64
35	Terahertz Magnetic Mirror Realized with Dielectric Resonator Antennas. Advanced Materials, 2015, 27, 7137-7144.	21.0	63
36	The meshless radial point interpolation method for time-domain electromagnetics. , 2008, , .		61

#	ARTICLE	IF	CITATIONS
37	Eigenvalue Analysis and Longtime Stability of Resonant Structures for the Meshless Radial Point Interpolation Method in Time Domain. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 3399-3408.	4.6	61
38	Planar Array of Electric- LC Resonators With Broadband Tunability. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 577-580.	4.0	56
39	A Frequency- and Polarization-Reconfigurable Circular Cavity Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 999-1002.	4.0	56
40	Reliability-Aware Optimization of a Wideband Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 450-460.	5.1	53
41	Wearable Quarter-Wave Folded Microstrip Antenna for Passive UHF RFID Applications. International Journal of Antennas and Propagation, 2013, 2013, 1-11.	1.2	52
42	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
43	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
44	Low-Profile Wideband Monopolar UHF Antennas for Integration Onto Vehicles and Helmets. IEEE Transactions on Antennas and Propagation, 2016, 64, 2562-2568.	5.1	50
45	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
46	A Wideband Omnidirectional Horizontally Polarized Traveling-Wave Antenna Based on Half-Mode Substrate Integrated Waveguide. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 682-685.	4.0	49
47	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
48	A Truncated Conical Dielectric Resonator Antenna for Body-Area Network Applications. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 279-282.	4.0	48
49	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
50	The Trapezoidal Dielectric Resonator Antenna. IEEE Transactions on Antennas and Propagation, 2008, 56, 2810-2816.	5.1	46
51	All-dielectric integration of dielectric resonator antenna and photonic crystal waveguide. Optics Express, 2017, 25, 14706.	3.4	46
52	A Robust Snap-On Button Solution for Reconfigurable Wearable Textile Antennas. IEEE Transactions on Antennas and Propagation, 2018, 66, 4541-4551.	5.1	46
53	Characteristics of Effective-Medium-Clad Dielectric Waveguides. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 28-41.	3.1	45
54	A Compact, Highly Efficient and Flexible Polymer Ultra-Wideband Antenna. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1207-1210.	4.0	43

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55	Wearable Applications of Quarter-Wave Patch and Half-Mode Cavity Antennas. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1478-1481.	4.0	42
56	Tuning Range and Efficiency Optimization of a Frequency-Reconfigurable Patch Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 150-154.	4.0	42
57	Terahertz Reflectarrays and Nonuniform Metasurfaces. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-18.	2.9	41
58	Transmission-Line Model of Nonuniform Leaky-Wave Antennas. IEEE Transactions on Antennas and Propagation, 2016, 64, 883-893.	5.1	38
59	Wearable Dual-Band Dual-Polarization Button Antenna for WBAN Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2240-2244.	4.0	38
60	Dielectric-resonator metasurfaces for broadband terahertz quarter- and half-wave mirrors. Optics Express, 2018, 26, 14392.	3.4	37
61	Split Ring Resonators With Tapered Strip Width for Wider Bandwidth and Enhanced Resonance. IEEE Microwave and Wireless Components Letters, 2012, 22, 450-452.	3.2	36
62	Nanoscale TiO ₂ dielectric resonator absorbers. Optics Letters, 2016, 41, 3391.	3.3	36
63	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
64	Tunable Bandpass-to-Bandstop Quasi-Yagi-Uda Antenna With Sum and Difference Radiation Patterns. IEEE Transactions on Antennas and Propagation, 2019, 67, 2260-2271.	5.1	35
65	Wideband Endfire 3-D-Printed Dielectric Antenna With Designable Permittivity. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2085-2089.	4.0	33
66	A Frequency-Reconfigurable Wearable Textile Antenna With One-Octave Tuning Range. IEEE Transactions on Antennas and Propagation, 2021, 69, 8080-8089.	5.1	33
67	Deconvolution method for two-dimensional spatial-response mapping of lithographic infrared antennas. Applied Optics, 1999, 38, 3993.	2.1	31
68	Planar Triorthogonal Diversity Slot Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 1416-1421.	5.1	30
69	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
70	Single-FSS-Layer Absorber With Improved Bandwidth-Thickness Tradeoff Adopting Impedance-Matching Superstrate. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 916-920.	4.0	30
71	Wearable Textile Shielded Stripline for Broadband Operation. IEEE Microwave and Wireless Components Letters, 2014, 24, 566-568.	3.2	29
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	Broadband terahertz transmissive quarter-wave metasurface. <i>APL Photonics</i> , 2020, 5, .	5.7	28
74	Finite-volume time-domain(FVTD) modelling of a broadband double-ridged horn antenna. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , 2004, 17, 285-298.	1.9	27
75	Dual-Mode Bridge-Shaped Dielectric Resonator Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010, 9, 103-106.	4.0	26
76	Efficiency of a Compact Elliptical Planar Ultra-Wideband Antenna Based on Conductive Polymers. <i>International Journal of Antennas and Propagation</i> , 2012, 2012, 1-11.	1.2	26
77	Paired Snap-On Buttons Connections for Balanced Antennas in Wearable Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015, 14, 1498-1501.	4.0	26
78	Low-cost ultra-thin broadband terahertz beam-splitter. <i>Optics Express</i> , 2012, 20, 4968.	3.4	25
79	Polarization-dependent thin-film wire-grid reflectarray for terahertz waves. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	25
80	Terahertz Localized Surface Plasmon Resonances in Coaxial Microcavities. <i>Advanced Optical Materials</i> , 2013, 1, 443-448.	7.3	24
81	A Semi-Analytical Solution of a Tapered Half-Mode Substrate-Integrated Waveguide With Application to Rapid Antenna Optimization. <i>IEEE Transactions on Antennas and Propagation</i> , 2014, 62, 3189-3200.	5.1	23
82	Compact ultrawideband MIMO dielectric resonator antennas with WLAN band rejection. <i>IET Microwaves, Antennas and Propagation</i> , 2017, 11, 1524-1529.	1.4	23
83	Effective-medium-clad Bragg grating filters. <i>APL Photonics</i> , 2021, 6, .	5.7	23
84	Modular Integration of a Passive RFID Sensor With Wearable Textile Antennas for Patient Monitoring. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2020, 10, 1979-1988.	2.5	23
85	Responsivity of infrared antenna-coupled microbolometers for air-side and substrate-side illumination. <i>Infrared Physics and Technology</i> , 2000, 41, 1-9.	2.9	22
86	Interlayer tuning of X-band frequency-selective surface using liquid crystal. , 2013, .		22
87	Textile Folded Half-Mode Substrate-Integrated Cavity Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016, 15, 1693-1697.	4.0	22
88	Textile Multilayer Cavity Slot Monopole For UHF Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 2542-2545.	4.0	22
89	Horizontally Polarized 360° Beam-Steerable Frequency-Reconfigurable Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2019, 67, 5231-5242.	5.1	22
90	Terahertz Reflectarray with Enhanced Bandwidth. <i>Advanced Optical Materials</i> , 2019, 7, 1900791.	7.3	22

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91	Spherical Perfectly Matched Absorber for Finite-Volume 3-D Domain Truncation. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2773-2781.	4.6	21
92	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
93	Wideband Circularly Polarized 3-D Printed Dielectric Rod Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 745-753.	5.1	21
94	Modelling of sub-wavelength THz sources as Gaussian apertures. Optics Express, 2010, 18, 17672.	3.4	20
95	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
96	Ultra-wideband far-infrared absorber based on anisotropically etched doped silicon. Optics Letters, 2020, 45, 1196.	3.3	20
97	Tutorial on broadband transmissive metasurfaces for wavefront and polarization control of terahertz waves. Journal of Applied Physics, 2022, 131, .	2.5	20
98	Spatial impulse response of lithographic infrared antennas. Applied Optics, 1999, 38, 37.	2.1	19
99	Inkjet printed conductive polymer-based beam-splitters for terahertz applications. Optical Materials Express, 2013, 3, 1242.	3.0	19
100	Spectral and angular characteristics of dielectric resonator metasurface at optical frequencies. Applied Physics Letters, 2014, 105, 191109.	3.3	19
101	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
102	Frequency-Selective-Surface-Based Mechanically Reconfigurable Terahertz Bandpass Filter. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 257-266.	3.1	19
103	Terahertz near-field imaging of dielectric resonators. Optics Express, 2017, 25, 3756.	3.4	18
104	A Reconfigurable Filter Using Defected Ground Structure for Wideband Common-Mode Suppression. IEEE Access, 2019, 7, 36980-36990.	4.2	18
105	Distributed source model for the full-wave electromagnetic simulation of nonlinear terahertz generation. Optics Express, 2012, 20, 18397.	3.4	17
106	Variational Analysis of Folded Substrate-Integrated Waveguides. IEEE Microwave and Wireless Components Letters, 2015, 25, 352-354.	3.2	17
107	Directional excitation of surface plasmons by dielectric resonators. Physical Review B, 2015, 91, .	3.2	16
108	Folded Substrate-Integrated Waveguide Band-Pass Post Filter. IEEE Microwave and Wireless Components Letters, 2017, 27, 22-24.	3.2	16

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109	Terahertz transmissive half-wave metasurface with enhanced bandwidth. Optics Letters, 2021, 46, 4164.	3.3	16
110	A dual-band dual-pattern frequency-reconfigurable antenna. Microwave and Optical Technology Letters, 2017, 59, 2710-2715.	1.4	15
111	Impact of Infill Pattern on 3D Printed Dielectric Resonator Antennas. , 2018, , .		15
112	Efficiency and Scalability of Dielectric Resonator Antennas at Optical Frequencies. IEEE Photonics Journal, 2014, 6, 1-10.	2.0	14
113	Shorting Strategies for Wearable Textile Antennas: A review of four shorting methods. IEEE Antennas and Propagation Magazine, 2022, 64, 84-98.	1.4	14
114	Tunable electric-LC resonators using liquid crystal. , 2013, , .		13
115	Analysis of Scan Blindness in a Linearly Polarized Tapered-Slot Phased Array in Triangular Lattice” Performance Improvement With Parasitic Notches. IEEE Transactions on Antennas and Propagation, 2014, 62, 4057-4066.	5.1	13
116	Triple-Band Reconfigurable Low-Profile Monopolar Antenna With Independent Tunability. IEEE Open Journal of Antennas and Propagation, 2020, 1, 47-56.	3.7	13
117	Frequency-Reconfigurable Circularly Polarized Omnidirectional Antenna. IEEE Transactions on Antennas and Propagation, 2022, 70, 7205-7210.	5.1	13
118	Uniaxial and Radial Anisotropy Models for Finite-Volume Maxwellian Absorber. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 4297-4304.	4.6	12
119	Wearable textile microstrip patch antenna for multiple ISM band communications. , 2013, , .		12
120	Photonic crystal traps THz waves. Nature Photonics, 2014, 8, 586-587.	31.4	12
121	Optimization of leaky-wave antennas based on non-uniform HMSIW. , 2015, , .		12
122	Pattern-Reconfigurable Antenna With Switchable Wideband to Frequency-Agile Bandpass/Bandstop Filtering Operation. IEEE Access, 2019, 7, 167065-167075.	4.2	12
123	Near-field interactions in electric inductive”capacitive resonators for metamaterials. Journal Physics D: Applied Physics, 2012, 45, 485101.	2.8	11
124	6 GHz microstrip patch antennas with PEDOT and polypyrrole conducting polymers. , 2010, , .		10
125	Residual-based adaptive refinement for meshless eigenvalue solvers. , 2010, , .		10
126	Comprehensive modeling of THz microscope with a sub-wavelength source. Optics Express, 2011, 19, 5327.	3.4	10

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127	Application of metamaterial-inspired resonators in compact microwave displacement sensors. , 2014, , .		10
128	Wearable substrate-integrated waveguide with embroidered vias. , 2014, , .		10
129	Rotation sensing based on the symmetry properties of an open-ended microstrip line loaded with a split ring resonator. , 2015, , .		10
130	Finite-Volume Maxwellian Absorber on Unstructured Grid. , 2006, , .		9
131	Detuning effects of wearable patch antennas. , 2017, , .		9
132	Designing batteryless wearables for hospitalized older people. , 2019, , .		9
133	Effect of polyimide layers on the permittivity tuning range of liquid crystals. , 2012, , .		8
134	Wideband transition from coaxial line to half-mode substrate integrated waveguide. , 2013, , .		8
135	Shorting strategies for a wearable L-slot planar inverted-F antenna. , 2014, , .		8
136	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
137	Single and dual band-notched ultra-wideband antenna based on dumbbell-shaped defects and complementary split ring resonators. , 2015, , .		8
138	Snap-on buttons as detachable shorting vias for wearable textile antennas. , 2016, , .		8
139	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
140	Radial Absorbers for Conformal Time-Domain Methods: A Solution to Corner Problems in Mesh Truncation. IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium, 2007, , .	0.0	7
141	Compact coplanar waveguide bandpass filter based on coupled S-shaped split ring resonators. Microwave and Optical Technology Letters, 2015, 57, 1113-1116.	1.4	7
142	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
143	Terahertz and optical Dielectric Resonator Antennas: Potential and challenges for efficient designs. , 2016, , .		7
144	Super Low Resolution RF Powered Accelerometers for Alerting on Hospitalized Patient Bed Exits. , 2019, , .		7

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145	Linear Series-Fed Patch Array with Dual Circular Polarization or Arbitrary Linear Polarization. , 2019, , .		7
146	Planar Feeding Techniques for Wearable Textile Antennas. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 1232-1239.	2.5	7
147	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
148	Compact wideband filter element-based on complementary split-ring resonators. Proceedings of SPIE, 2011, , .	0.8	6
149	Metamaterial-inspired microfluidic-based sensor for chemical discrimination. , 2012, , .		6
150	Bending impact on a flexible ultra-wideband conductive polymer antenna. , 2015, , .		6
151	A foldable textile patch for modular snap-on-button-based wearable antennas. , 2016, , .		6
152	A polarization/frequency interchangeable patch for a modular wearable textile antenna. , 2017, , .		6
153	High-efficiency microwave graphene antenna. , 2017, , .		6
154	Highly efficient graphite antennas for conformal applications. , 2018, , .		6
155	Bandwidth enhanced dual-band half-mode substrate-integrated cavity antenna. , 2018, , .		6
156	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
157	Split and Unsplit Finite-Volume Absorbers: Formulation and Performance Comparison. , 2006, , .		5
158	An Investigation of the Accuracy of Finite-Volume Radial Domain Truncation Technique. , 2007, , .		5
159	A 2 GHz Polypyrrole microstrip patch antenna on Plexiglas^{®™} substrate. , 2009, , .		5
160	Comparison of two planar elliptical ultra-wideband PPy conductive polymer antennas. , 2012, , .		5
161	Miniaturized bandpass filter with wide stopband using complementary spiral resonator. , 2012, , .		5
162	Bandpass filters based on coupled split ring resonators for surface waves on planar Goubau lines. , 2014, , .		5

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163	A 5.8-GHz flexible microstrip-fed slot antenna realized in PEDOT:PSS conductive polymer. , 2016, , .		5
164	Progress in conductive polymer antennas based on free-standing polypyrrole and PEDOT: PSS. , 2016, , .		5
165	Substrate-integrated waveguide diplexers with improved Y-junctions. Microwave and Optical Technology Letters, 2016, 58, 1384-1388.	1.4	5
166	Frequency-Agile Self-Diplexing Antenna. , 2020, , .		5
167	Meshless eigenvalue analysis for resonant structures based on the Radial Point Interpolation Method. , 2009, , .		4
168	Modeling of dielectric material interfaces for the Radial Point Interpolation Time-Domain method. , 2009, , .		4
169	Terahertz scattering by subwavelength cylindrical arrays. Optics Express, 2011, 19, 10138.	3.4	4
170	Time-domain simulations of a 31-antenna array for breast cancer imaging. , 2011, , .		4
171	Antenna placement on a large mining vehicle. , 2014, , .		4
172	Planar slot antenna with circular and vertical polarization diversity. Microwave and Optical Technology Letters, 2017, 59, 2479-2484.	1.4	4
173	Low-profile monopole antenna with via-less shorting. , 2018, , .		4
174	A Pattern Diversity Microstrip Antenna with Switchable Sum and Difference Beams in xy - and yz -plane. , 2019, , .		4
175	Comments on "Wideband Radiation Reconfigurable Microstrip Patch Antenna Loaded With Two Inverted U-Slots" IEEE Transactions on Antennas and Propagation, 2020, 68, 1214-1215.	5.1	4
176	Wearable textile EBC-inspired bandwidth-enhanced patch antenna. IET Microwaves, Antennas and Propagation, 2020, 14, 2011-2019.	1.4	4
177	Frequency-domain finite-volume simulations. , 2007, , .		3
178	Conformal perfectly matched absorber for finite-volume time-domain simulations. , 2008, , .		3
179	Simulation of Corrugated Coaxial Cables using the Meshless Radial Point Interpolation Time-Domain Method. , 2009, , .		3
180	Characterization of an adaptive refinement algorithm for a meshless eigenvalue solver based on radial basis functions. , 2010, , .		3

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181	Optimal helical antenna with continuously varying radius using evolutionary optimizers. , 2011, , .		3
182	Design and implementation of terahertz reflectarray. , 2012, , .		3
183	A multi-layered tunable stepped-impedance resonator for liquid crystal characterization. , 2012, , .		3
184	On the late-time instability of perfectly matched layers in the meshless radial point interpolation method. , 2013, , .		3
185	Hybrid staggered perfectly matched layers in non-staggered meshless time-domain vector potential technique. , 2014, , .		3
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