

Guy A E Vandebosch

List of Publications by Year in descending order

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5980
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#	ARTICLE	IF	CITATIONS
1	Microsized Graphene Helmholtz Resonator on Circular Dielectric Rod: A Tunable Sub-THz Frequency-Selective Scatterer. IEEE Transactions on Antennas and Propagation, 2022, 70, 2105-2113.	5.1	6
2	A Novel Method of Removing the Influence of Continuous Electromagnetic Wave Disturbances in OFDM Systems. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 338-347.	2.2	1
3	Dual-Band Dual-Polarized Massive MIMO Array for Maritime Applications. , 2022, 6, 1-4.		4
4	Comparison of CBFM-Enhanced Iterative Methods for MoM-Based Finite Antenna Array Analysis. IEEE Transactions on Antennas and Propagation, 2022, 70, 3538-3548.	5.1	5
5	Corrections to "Computationally Efficient Millimeter-Wave Backscattering Models: A Single-Scattering Model" [Aug 20 6306-6316]. IEEE Transactions on Antennas and Propagation, 2022, 70, 3134-3134.	5.1	2
6	Customizing the Topological Charges of Vortex Modes by Exploiting Symmetry Principles. Laser and Photonics Reviews, 2022, 16, .	8.7	10
7	The Save-the-Rhino Antenna: a Horn-Mounted Wire Based Monopole. IEEE Antennas and Wireless Propagation Letters, 2022, , 1-1.	4.0	0
8	A Transmissive Frequency-Reconfigurable Cross-Polarization Conversion Surface. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 997-1001.	4.0	9
9	Resilience of Time Diversity Against Multiharmonic Electromagnetic Disturbances Under Reverberation Conditions: An Overview of Fault Mechanisms. IEEE Transactions on Electromagnetic Compatibility, 2022, 64, 631-639.	2.2	3
10	FORMAT: A Reconfigurable Tile-Based Antenna Array System for 5G and 6G Millimeter-Wave Testbeds. IEEE Systems Journal, 2022, 16, 4489-4500.	4.6	3
11	Symmetry-Protected Spoof Localized Surface Plasmonic Skyrmion. Laser and Photonics Reviews, 2022, 16, .	8.7	15
12	Transmissive terahertz metasurfaces with vanadium dioxide split-rings and grids for switchable asymmetric polarization manipulation. Scientific Reports, 2022, 12, 3518.	3.3	15
13	A Wideband Low-RCS Metasurface-Inspired Circularly Polarized Slot Array Based on AI-Driven Antenna Design Optimization Algorithm. IEEE Transactions on Antennas and Propagation, 2022, 70, 8584-8589.	5.1	11
14	Nonlocal response of plasmonic core-shell nanotopologies excited by dipole emitters. Nanoscale Advances, 2022, 4, 2346-2355.	4.6	1
15	Low-Profile Dual-Polarized Multi-Beam Antenna Based on Pillbox Reflector and 3D-Printed Ridged Waveguide. IEEE Transactions on Antennas and Propagation, 2022, 70, 7578-7591.	5.1	10
16	Computationally Efficient Millimeter-Wave Scattering Models: A Combined Blockage and Backscattering Model. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1852-1856.	4.0	1
17	Multifunctional blazed gratings for multiband spatial filtering, retroreflection, splitting, and demultiplexing based on C_2 symmetric photonic crystals. Journal of Applied Physics, 2022, 131, 223101.	2.5	2
18	79 GHz Multilayer Series-Fed Patch Antenna Array With Stacked Micro-Via Loading. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1990-1994.	4.0	3

#	ARTICLE	IF	CITATIONS
19	Computationally Efficient Millimeter-Wave Scattering Models: A Multiple-Scattering Model. IEEE Transactions on Antennas and Propagation, 2022, 70, 8250-8261.	5.1	2
20	Analysis of Different Scalar Probe Compensation Methods for an Array of Near-Field EMI Probes. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 344-352.	2.2	3
21	Automatic AI-Driven Design of Mutual Coupling Reducing Topologies for Frequency Reconfigurable Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2021, 69, 1831-1836.	5.1	27
22	A Broadband Low-RCS Metasurface for CP Patch Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 3529-3534.	5.1	39
23	Broadband Anomalous Refractor Based on Dispersion Engineering of Spoof Surface Plasmon Polaritons. IEEE Transactions on Antennas and Propagation, 2021, 69, 3050-3055.	5.1	2
24	Fast Characterization of Mutually Coupled Array Antennas Using Isolated Antenna Far-Field Data. IEEE Transactions on Antennas and Propagation, 2021, 69, 206-218.	5.1	5
25	A Review of Antenna Analysis Using Characteristic Modes. IEEE Access, 2021, 9, 98833-98862.	4.2	31
26	A Multistandard Antenna Based on a 2-D CRLH-TL in Polar Coordinates. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 332-336.	4.0	6
27	Mobile Processor Energy Usage in the Scientific Environment. Computing in Science and Engineering, 2021, 23, 65-72.	1.2	2
28	Comparison of peak electromagnetic exposures from mobile phones operational in either data mode or voice mode. Environmental Research, 2021, 197, 110902.	7.5	7
29	A Low-Profile Wideband Microstrip Antenna With Pattern Diversity Based on Composite Right/Left-Handed Transmission Lines. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1478-1482.	4.0	14
30	Omni-Directional Circularly Polarized Button Antenna for 5 GHz WBAN Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 5054-5059.	5.1	28
31	Pulsed Electromagnetic Field Signal Transfer Across a Thin Magneto-Dielectric Sheet. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 1058-1064.	2.2	3
32	Relaxing the Small Facet Size Requirement for the Far-Field Calculation of Large Reflector Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 4261-4268.	5.1	0
33	A Wearable Button Antenna Sensor for Dual-Mode Wireless Information and Power Transfer. Sensors, 2021, 21, 5678.	3.8	10
34	A Compact 26.5-29.5-GHz LNA-Phase-Shifter Combo With 360° Continuous Phase Tuning Based on All-Pass Networks for Millimeter-Wave 5G. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3927-3940.	5.4	8
35	Hydrodynamic Approach for Deep-nanometer Scale Topologies: Analysis of Metallic Shell. , 2021, , .		0
36	Nonlocal Response of Plasmonic Nanostructures Excited by Dipole Emitters. , 2021, , .		0

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37	A compact triple-band dipole array antenna for selected sub 1GHz, 5G and WiFi access point applications. IET Microwaves, Antennas and Propagation, 2021, 15, 1866-1876.	1.4	4
38	Comparative Study of Electromagnetic Field Solvers for the Modeling of Nanoscale Plasmonic Scatterers. , 2021, , .		0
39	High-efficiency multi-band multi-polarization metasurface-based reflective converter with multiple plasmon resonances. Journal of Applied Physics, 2021, 130, .	2.5	13
40	Detecting mid-infrared light by molecular frequency upconversion in dual-wavelength nanoantennas. Science, 2021, 374, 1268-1271.	12.6	61
41	Low Cost Printed Dipole Array Antenna for 5G Sub-6GHz Base Stations Implementing Beam-tilting, Ground-backing, and Series-Feeding. Electromagnetics, 2021, 41, 612-625.	0.7	1
42	Mutual Coupling Suppression for On-Body Multiantenna Systems. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 1045-1054.	2.2	17
43	Time-Domain Electromagnetic-Field Transmission Between Small-Loop Antennas on a Half-Space With Conductive and Dielectric Properties. IEEE Transactions on Antennas and Propagation, 2020, 68, 938-946.	5.1	5
44	Low-Profile Circularly Polarized Array With Gain Enhancement and RCS Reduction Using Polarization Conversion EBG Structures. IEEE Transactions on Antennas and Propagation, 2020, 68, 2440-2445.	5.1	56
45	Miniaturized Triple-Band Highly Transparent Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 712-718.	5.1	15
46	A Quantitative Approach to Eavesdrop Video Display Systems Exploiting Multiple Electromagnetic Leakage Channels. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 663-672.	2.2	17
47	Multi-Layer PCB Bow-Tie Antenna Array for (77-81) GHz Radar Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 2379-2386.	5.1	25
48	Simple Triple-Mode Dual-Polarized Dipole Antenna With Small Frequency Separation Ratio. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 262-266.	4.0	13
49	Appropriate Nonlocal Hydrodynamic Models for the Characterization of Deep-Nanometer Scale Plasmonic Scatterers. Advanced Theory and Simulations, 2020, 3, 1900172.	2.8	24
50	A 14-50-GHz Phase Shifter With All-Pass Networks for 5G Mobile Applications. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 762-774.	4.6	23
51	A Novel Design Approach for Compact Wearable Antennas Based on Metasurfaces. IEEE Transactions on Biomedical Circuits and Systems, 2020, 14, 918-927.	4.0	66
52	Computationally Efficient Millimeter-Wave Backscattering Models: A Single-Scattering Model. IEEE Transactions on Antennas and Propagation, 2020, 68, 6306-6316.	5.1	6
53	A 24 - 30 GHz Ultra-Compact Phase Shifter Using All-Pass Networks for 5G User Equipment. , 2020, , .		3
54	Dual-band broadband highly efficient reflective multi-order plasmon resonant metasurface. IET Microwaves, Antennas and Propagation, 2020, 14, 967-972.	1.4	26

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55	A Multi-Functional Compact Button Antenna for Wearable Applications. , 2020, , .		0
56	The Need For and How To Evaluate Continuous Wave Immunity of Wireless Systems used in V2X Applications. , 2020, , .		3
57	Versatile Cross-Polarization Conversion Chiral Metasurface for Linear and Circular Polarizations. Advanced Optical Materials, 2020, 8, 2000194.	7.3	47
58	Impedance-Based Closed-Form Expressions to Calculate Recoverable Energy and Corresponding Q of Single-Port Radiators. IEEE Transactions on Antennas and Propagation, 2020, 68, 5442-5452.	5.1	1
59	Low-Profile Wideband High-Gain and Low-RCS Circularly Polarized Array Using Checkerboard Polarization Rotators. , 2020, , .		1
60	Calculation of the Best Fit Subreflector and Its Application in Eliminating the Harmless Error of Deformed Large Subreflectors. IEEE Transactions on Antennas and Propagation, 2020, 68, 5855-5863.	5.1	2
61	Low-Profile Broadband Antenna With Pattern Diversity. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1231-1235.	4.0	21
62	A novel full-parameter ageing modelling approach for capacitors based on complex impedance analysis. IEEE Transactions on Dielectrics and Electrical Insulation, 2020, 27, 980-988.	2.9	4
63	Wearable Button Antenna with Circular Polarization. , 2020, , .		3
64	Variable-Phase All-Pass Network Synthesis and Its Application to a 14-54 GHz Multiband Continuous-Tune Phase Shifter in Silicon. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 3480-3496.	4.6	10
65	Differential Signaling Compromises Video Information Security Through AM and FM Leakage Emissions. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2376-2385.	2.2	12
66	Prediction of Capacitor's Accelerated Aging Based on Advanced Measurements and Deep Neural Network Techniques. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9019-9027.	4.7	21
67	A Cost-Efficient 28 GHz Integrated Antenna Array With Full Impedance Matrix Characterization for 5G NR. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 666-670.	4.0	8
68	Radial CRLH-TL-Based Dual-Band Antenna With Frequency Agility. IEEE Transactions on Antennas and Propagation, 2020, 68, 5664-5669.	5.1	17
69	Ultraminiature Antennas Combining Subwavelength Resonators and a Very-High- ϵ Uniform Substrate: The Case of Lithium Niobate. IEEE Transactions on Antennas and Propagation, 2020, 68, 5071-5081.	5.1	3
70	Electromagnetism in the Electrical Engineering Classroom: Dominant trends in teaching classical electromagnetic field theory and innovation vectors. IEEE Antennas and Propagation Magazine, 2020, 62, 14-23.	1.4	5
71	A simple Mie-resonator based meta-array with diverse deflection scenarios enabling multifunctional operation at near-infrared. Nanophotonics, 2020, 9, 4589-4600.	6.0	8
72	Pulsed 2D ElectroMagnetic Field Propagation in a Rectangular Waveguide. , 2020, , .		0

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73	Use of non-uniform RIS and parasitic strips to improve antenna CP performance. IET Microwaves, Antennas and Propagation, 2020, 14, 1795-1802.	1.4	0
74	Reconstructing Video Images in Color Exploiting Compromising Video Emanations. , 2020, , .		7
75	Analysis of Ultra-Broadband Phase-Shifters for 5G User Equipment. , 2020, , .		0
76	A Metamaterial Inspired Button Antenna for Wireless Power and Data Transfer. , 2020, , .		1
77	Study of the correlation between outdoor and indoor electromagnetic exposure near cellular base stations in Leuven, Belgium. Environmental Research, 2019, 168, 428-438.	7.5	20
78	Director-Loaded Magneto-Electric Dipole Antenna With Wideband Flat Gain. IEEE Transactions on Antennas and Propagation, 2019, 67, 6761-6769.	5.1	17
79	PLANE WAVE SCATTERING BY PATCHES PERIODICALLY PLACED ON A DIELECTRIC ROD SURFACE. Progress in Electromagnetics Research M, 2019, 82, 61-71.	0.9	2
80	Design of Wideband Wearable Antenna using Characteristic Mode Analysis. , 2019, , .		3
81	A Review on the Application of Integral Equation-Based Computational Methods to Scattering Problems in Plasmonics. Advanced Theory and Simulations, 2019, 2, 1900087.	2.8	12
82	Wideband SIW-Based Low-Cost Multilayer Slot Antenna Array for \$E\$ -Band Applications. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1568-1575.	2.5	15
83	Ultra-broadband and high-efficiency reflective polarization rotator based on fractal metasurface with multiple plasmon resonances. Optics Communications, 2019, 449, 73-78.	2.1	16
84	Measuring optical activity in the far-field from a racemic nanomaterial: diffraction spectroscopy from plasmonic nanogratings. Nanoscale Horizons, 2019, 4, 1056-1062.	8.0	16
85	Study of the electromagnetic exposure from mobile phones in a city like environment: The case study of Leuven, Belgium. Environmental Research, 2019, 175, 402-413.	7.5	11
86	A Potential-Based Formalism for Modeling Local and Hydrodynamic Nonlocal Responses From Plasmonic Waveguides. IEEE Transactions on Antennas and Propagation, 2019, 67, 3948-3960.	5.1	16
87	Simple conductor roughness modeling for microstrip lines. Microwave and Optical Technology Letters, 2019, 61, 1999-2002.	1.4	6
88	Metamaterial-Inspired dual-band frequency-reconfigurable antenna with pattern diversity. Electronics Letters, 2019, 55, 573-574.	1.0	31
89	Mutual Coupling-Based Compact Wideband Circularly Polarized Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 4872-4877.	5.1	12
90	Photon Spin Hall Effect-Based Ultra-Thin Transmissive Metasurface for Efficient Generation of OAM Waves. IEEE Transactions on Antennas and Propagation, 2019, 67, 4650-4658.	5.1	147

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91	Beam steerable subarray with small footprint for use as building block in wall-mounted indoor wireless infrastructure. IET Microwaves, Antennas and Propagation, 2019, 13, 526-531.	1.4	8
92	A Route to Unusually Broadband Plasmonic Absorption Spanning from Visible to Mid-infrared. Plasmonics, 2019, 14, 1269-1281.	3.4	8
93	Dual-band metasurface-based CP low-profile patch antenna with parasitic elements. IET Microwaves, Antennas and Propagation, 2019, 13, 2360-2364.	1.4	8
94	A 15-43.5 GHz Switched-Bit Phase Shifter for 5G Mobile Handsets. , 2019, , .		6
95	Decreasing Mutual Coupling in a Phased Array Using a Mutual Coupling Based Element. , 2019, , .		0
96	Tunable infrared asymmetric light transmission and absorption via graphene-hBN metamaterials. Journal of Applied Physics, 2019, 126, .	2.5	10
97	Dual-Band Dual-Polarized Wearable Button Array With Miniaturized Radiator. IEEE Transactions on Biomedical Circuits and Systems, 2019, 13, 1583-1592.	4.0	35
98	On a Unified Approach Towards the Modeling of Nonlocal Hydrodynamic Non-classical Response from Plasmonic Nanotopologies. , 2019, , .		0
99	Connection of Collimation, Asymmetric Beaming, and Independent Transmission-Reflection Processes in Concentric-Groove Gratings Supporting Spoof Surface Plasmons. Plasmonics, 2019, 14, 721-729.	3.4	4
100	Low-cost multi-layer parasitic patch antenna array for 79%GHz automotive radar applications. Microwave and Optical Technology Letters, 2019, 61, 56-62.	1.4	4
101	Compact Circularly Polarized Wearable Button Antenna With Broadside Pattern for U-NII Worldwide Band Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 1341-1345.	5.1	56
102	Analysis of Periodic Steady-States of Non-Linear Circuits Using the Discrete Singular Convolution Method. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1063-1067.	3.0	2
103	VO ₂ -hBN-graphene-based bi-functional metamaterial for mid-infrared bi-tunable asymmetric transmission and nearly perfect resonant absorption. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 1607.	2.1	29
104	Light guiding, bending, and splitting via local modification of interfaces of a photonic waveguide. Optics Letters, 2019, 44, 4725.	3.3	4
105	Embedded arrays of annular apertures with multiband near-zero-index behavior and demultiplexing capability at near-infrared. Optical Materials Express, 2019, 9, 3169.	3.0	8
106	Benchmarking of Antenna Simulation Tools: Lessons Learned. , 2019, , .		0
107	Method for Analysis of Periodic Stationary States of Non-Linear Electric Circuits on Basis of Kotelnikov-Shannon Series. Radioelectronics and Communications Systems, 2019, 62, 619-629.	0.5	0
108	Dielectric Properties of <i>Ex Vivo</i> Porcine Liver Tissue Characterized at Frequencies Between 5 and 500 kHz When Heated at Different Rates. IEEE Transactions on Biomedical Engineering, 2018, 65, 2560-2568.	4.2	20

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109	The hantenna: experimental assessment of the human hand as an antenna. IET Microwaves, Antennas and Propagation, 2018, 12, 773-778.	1.4	4
110	Experimental Assessment of the Coarray Concept for DoA Estimation in Wireless Communications. IEEE Transactions on Antennas and Propagation, 2018, 66, 3064-3075.	5.1	17
111	Enantiomorphing Chiral Plasmonic Nanostructures: A Counterintuitive Sign Reversal of the Nonlinear Circular Dichroism. Advanced Optical Materials, 2018, 6, 1800153.	7.3	16
112	Linear nonuniform antenna array of planar elements fed by a dielectric waveguide. Microwave and Optical Technology Letters, 2018, 60, 849-854.	1.4	1
113	Energy Stored by Radiating Systems. IEEE Access, 2018, 6, 10553-10568.	4.2	54
114	An Iterative Interpolated DFT to Remove Spectral Leakage in Time-Domain Near-Field Scanning. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 202-210.	2.2	14
115	The Concept of Recoverable Energy. , 2018, , .		0
116	An Innovated Application of Reutilize Copper Smelter Slag for Cement-based Electromagnetic Interference Composites. Scientific Reports, 2018, 8, 16155.	3.3	19
117	FAST H-WAVES IN DOUBLE COMB INFINITE ARRAYS. Progress in Electromagnetics Research C, 2018, 80, 119-129.	0.9	1
118	Electromagnetic Analysis of Nanoscale Heterogeneity - The Domain-Integrated Perspective. , 2018, , .		1
119	Metamaterial inspired miniaturized SIW resonator for sensor applications. Sensors and Actuators A: Physical, 2018, 283, 313-316.	4.1	15
120	Temperature-mediated invocation of the vacuum state for switchable ultrawide-angle and broadband deflection. Scientific Reports, 2018, 8, 15044.	3.3	10
121	Comparison of Hydrodynamic Models for the Electromagnetic Nonlocal Response of Nanoparticles. Advanced Theory and Simulations, 2018, 1, 1800076.	2.8	37
122	Tailoring far-infrared surface plasmon polaritons of a single-layer graphene using plasmon-phonon hybridization in graphene-LiF heterostructures. Scientific Reports, 2018, 8, 13209.	3.3	11
123	A Boundary Integral Equation Scheme for Simulating the Nonlocal Hydrodynamic Response of Metallic Antennas at Deep-Nanometer Scales. IEEE Transactions on Antennas and Propagation, 2018, 66, 4759-4771.	5.1	25
124	Generalized mode solver for plasmonic transmission lines embedded in layered media based on the Method of Moments. Computer Physics Communications, 2018, 233, 1-15.	7.5	3
125	Multilayer Compact Grid Antenna Array for 79 GHz Automotive Radar Applications. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1677-1681.	4.0	26
126	Design of Wideband Button Antenna Based on Characteristic Mode Theory. IEEE Transactions on Biomedical Circuits and Systems, 2018, 12, 1383-1391.	4.0	42

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127	Realization of Dual-Band Pattern Diversity With a CRLH-TL-Inspired Reconfigurable Metamaterial. IEEE Transactions on Antennas and Propagation, 2018, 66, 5130-5138.	5.1	48
128	Synchronization retrieval and image reconstruction of a video display unit exploiting its compromising emanations. , 2018, , .		7
129	Wideband Compact Comb-Line Antenna Array for 79ÂGHz Automotive Radar Applications. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1580-1583.	4.0	24
130	Modeling and Design Tools for Small Antennas: State of the Art and Future Perspectives [Meeting Report]. IEEE Antennas and Propagation Magazine, 2018, 60, 18-20.	1.4	3
131	Wearable Ultrawideband Technologyâ€”A Review of Ultrawideband Antennas, Propagation Channels, and Applications in Wireless Body Area Networks. IEEE Access, 2018, 6, 42177-42185.	4.2	84
132	Chiral Nanomaterials: Enantiomorphing Chiral Plasmonic Nanostructures: A Counterintuitive Sign Reversal of the Nonlinear Circular Dichroism (Advanced Optical Materials 14/2018). Advanced Optical Materials, 2018, 6, 1870057.	7.3	1
133	Directive planar antenna array fed by dielectric waveguide for WiFi applications. Microwave and Optical Technology Letters, 2018, 60, 1963-1967.	1.4	2
134	Tunable deflection and asymmetric transmission of THz waves using a thin slab of graphene-dielectric metamaterial, with and without ENZ components. Optical Materials Express, 2018, 8, 3887.	3.0	9
135	An Architectural Scheme for Real-Time Multiple Users Beam Tracking Systems. IEEE Systems Journal, 2017, 11, 2905-2916.	4.6	10
136	Wearable Button Antenna for Dual-Band WLAN Applications With Combined on and off-Body Radiation Patterns. IEEE Transactions on Antennas and Propagation, 2017, 65, 1384-1387.	5.1	120
137	Low-Profile Dual-Band Pattern Diversity Patch Antenna Based on Composite Right/Left-Handed Transmission Line. IEEE Transactions on Antennas and Propagation, 2017, 65, 2808-2815.	5.1	41
138	Automated Line-Based Sequential Sampling and Modeling Algorithm for EMC Near-Field Scanning. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 704-709.	2.2	10
139	A Miniature Feeding Network for Aperture-Coupled Wearable Antennas. IEEE Transactions on Antennas and Propagation, 2017, 65, 2650-2654.	5.1	49
140	How Ultranarrow Gap Symmetries Control Plasmonic Nanocavity Modes: From Cubes to Spheres in the Nanoparticle-on-Mirror. ACS Photonics, 2017, 4, 469-475.	6.6	115
141	Recoverable Energy of Radiating Structures. IEEE Transactions on Antennas and Propagation, 2017, 65, 3575-3588.	5.1	8
142	Wearable antenna with tripolarization capability. , 2017, , .		2
143	Design of a dielectric waveguide antenna at microwave frequencies. , 2017, , .		1
144	Continuously tunable band-stop filter based on coplanar waveguide with defected ground structure. , 2017, , .		7

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145	Wideband CPW-Fed Flexible Bow-Tie Slot Antenna for WLAN/WiMax Systems. IEEE Transactions on Antennas and Propagation, 2017, 65, 4274-4277.	5.1	55
146	Near-Field Edge Extrapolation Using Auxiliary Dipoles to Improve Probe Compensation. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 576-583.	2.2	4
147	Revealing Nanostructures through Plasmon Polarimetry. ACS Nano, 2017, 11, 850-855.	14.6	33
148	Finite Large Antenna Arrays for Massive MIMO: Characterization and System Impact. IEEE Transactions on Antennas and Propagation, 2017, 65, 6712-6720.	5.1	50
149	Near-Field Mapping of Optical Fabry-Pérot Modes in All-Dielectric Nanoantennas. Nano Letters, 2017, 17, 7629-7637.	9.1	17
150	Novel Wire-Grid Nano-Antenna Array With Circularly Polarized Radiation for Wireless Optical Communication Systems. Journal of Lightwave Technology, 2017, 35, 4700-4706.	4.6	14
151	Assessment of multilayered graphene technology for flexible antennas at microwave frequencies. Microwave and Optical Technology Letters, 2017, 59, 2604-2610.	1.4	12
152	Optimizing the bowtie nano-rectenna topology for solar energy harvesting applications. Solar Energy, 2017, 157, 259-262.	6.1	12
153	Dendritic optical antennas: scattering properties and fluorescence enhancement. Scientific Reports, 2017, 7, 6223.	3.3	3
154	Utilization of Stainless-steel Furnace Dust as an Admixture for Synthesis of Cement-based Electromagnetic Interference Shielding Composites. Scientific Reports, 2017, 7, 15368.	3.3	25
155	Dual-band WLAN button antenna for both on and off-body applications. , 2017, , .		2
156	Recoverable energy and small antennas. , 2017, , .		0
157	Compact Dual-Band Textile PIFA for 433-MHz/2.4-GHz ISM Bands. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2436-2439.	4.0	64
158	Understanding the Physical Behavior of Plasmonic Antennas Through Computational Electromagnetics. , 2017, , .		1
159	Benchmarking of software tools for the characterization of nanoparticles. Optics Express, 2017, 25, 26760.	3.4	17
160	Compact circularly polarized truncated square ring slot antenna with suppressed higher resonances. PLoS ONE, 2017, 12, e0172162.	2.5	7
161	MILLIMETER WAVE CAVITY BACKED MICROSTRIP ANTENNA ARRAY FOR 79 GHZ RADAR APPLICATIONS. Progress in Electromagnetics Research, 2017, 158, 89-98.	4.4	8
162	AMC-INTEGRATED RECONFIGURABLE BEAMFORMING FOLDED DIPOLE ANTENNA WITH PARASITIC AND RF MEMS. Progress in Electromagnetics Research C, 2016, 69, 159-167.	0.9	5

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163	META-LOADED CIRCULAR SECTOR PATCH ANTENNA. Progress in Electromagnetics Research, 2016, 156, 37-46.	4.4	6
164	Spherical Wave Based Macromodels for Efficient System-Level EMC Analysis in Circuit Simulators Part II: Optimized Calculation of DUTâ€™DUT Interactions. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 1506-1516.	2.2	1
165	Determining the pulsed EM radiation characteristics of thin planar antennas from their ThÃ©venin network representation. , 2016, , .		0
166	Broadband negative refractive index obtained by plasmonic hybridization in metamaterials. Applied Physics Letters, 2016, 109, .	3.3	20
167	A study of the effects of truncation errors on the compensation of EMI near-field probes. , 2016, , .		6
168	A Dual-Band Cavity Antenna Embedded Within Multiple Metallic Enclosures. IEEE Transactions on Antennas and Propagation, 2016, 64, 1587-1594.	5.1	4
169	Stored electromagnetic energy and quality factor of radiating structures. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2016, 472, 20150870.	2.1	25
170	Fast Dynamic Color Switching in Temperatureâ€™Responsive Plasmonic Films. Advanced Optical Materials, 2016, 4, 877-882.	7.3	56
171	Radar range improvement using gradient-free optimization for health care applications. , 2016, , .		3
172	Reactive energy in time domain. , 2016, , .		0
173	Bridging the Simulations-Measurements Gap: State of the Art [Meeting Reports]. IEEE Antennas and Propagation Magazine, 2016, 58, 12-14.	1.4	6
174	Spherical Wave Based Macromodels for Efficient System-Level EMC Analysis in Circuit Simulators Part I: Optimized Derivation and Truncation Criteria. IEEE Transactions on Electromagnetic Compatibility, 2016, 58, 1494-1505.	2.2	3
175	Omnidirectional wide-band E-shaped cylindrical patch antenna with horizontal polarization. Microwave and Optical Technology Letters, 2016, 58, 875-877.	1.4	2
176	On the influence of RF absorbing material on the GNSS position. GPS Solutions, 2016, 20, 1-7.	4.3	24
177	Building materials and electromagnetic radiation: The role of material and shape. Journal of Building Engineering, 2016, 5, 96-103.	3.4	20
178	Omnidirectional Wideband E-Shaped Cylindrical Patch Antennas. IEEE Transactions on Antennas and Propagation, 2016, 64, 796-800.	5.1	26
179	Radiation Pattern-Reconfigurable Wearable Antenna Based on Metamaterial Structure. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1715-1718.	4.0	174
180	A High-Fidelity All-Textile UWB Antenna With Low Back Radiation for Off-Body WBAN Applications. IEEE Transactions on Antennas and Propagation, 2016, 64, 757-760.	5.1	127

#	ARTICLE	IF	CITATIONS
181	Two-Stage Design Method for Enhanced Inductive Energy Transmission with Q-Constrained Planar Square Loops. PLoS ONE, 2016, 11, e0148808.	2.5	15
182	Auxiliary Dipoles to Compensate for the Finite Size of the Planar Scanning Area in Near-to-Far-Field Transformations. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 1517-1528.	2.2	7
183	On the Use of Group Theory in Understanding the Optical Response of a Nanoantenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 1589-1602.	5.1	18
184	Off-the-Shelf Low-Cost Target Tracking Architecture for Wireless Communications. IEEE Systems Journal, 2015, 9, 13-21.	4.6	6
185	Removing the Spectral Leakage in Time-Domain Based Near-Field Scanning Measurements. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 1329-1337.	2.2	8
186	Wearable Dual-Band Magneto-Electric Dipole Antenna for WBAN/WLAN Applications. IEEE Transactions on Antennas and Propagation, 2015, 63, 4165-4169.	5.1	133
187	Low-profile omnidirectional antenna for automatic dependent surveillance " broadcast applications. Electronics Letters, 2015, 51, 1732-1734.	1.0	14
188	Dual-Band Textile MIMO Antenna Based on Substrate-Integrated Waveguide (SIW) Technology. IEEE Transactions on Antennas and Propagation, 2015, 63, 4640-4647.	5.1	145
189	Compact All-Textile Dual-Band Antenna Loaded With Metamaterial-Inspired Structure. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1486-1489.	4.0	107
190	A FULLY PLANAR NEAR-FIELD RESONANT PARASITIC ANTENNA. Progress in Electromagnetics Research C, 2014, 54, 163-169.	0.9	1
191	Comparison of electromagnetic shielding effectiveness of conductive single jersey fabrics with coaxial transmission line and free space measurement techniques. Textile Research Journal, 2014, 84, 461-476.	2.2	39
192	Zero-order resonant circular patch antenna based on periodic structures. IET Microwaves, Antennas and Propagation, 2014, 8, 1432-1439.	1.4	26
193	Study of far field characteristics of nano dipoles above a realistic substrate. , 2014, , .		0
194	An Integrated a-IGZO UHF Energy Harvester for Passive RFID Tags. IEEE Transactions on Electron Devices, 2014, 61, 3289-3295.	3.0	44
195	Integral equations formulation of plasmonic transmission lines. Optics Express, 2014, 22, 22388.	3.4	21
196	Low-Profile Dual-Band Textile Antenna With Artificial Magnetic Conductor Plane. IEEE Transactions on Antennas and Propagation, 2014, 62, 6487-6490.	5.1	157
197	An Efficient Method for Antenna Design Optimization Based on Evolutionary Computation and Machine Learning Techniques. IEEE Transactions on Antennas and Propagation, 2014, 62, 7-18.	5.1	194
198	Wearable dual-band composite right/left-handed waveguide textile antenna for WLAN applications. Electronics Letters, 2014, 50, 424-426.	1.0	48

#	ARTICLE	IF	CITATIONS
199	Wideband Harmonic Rejection Filtenna for Wireless Power Transfer. IEEE Transactions on Antennas and Propagation, 2014, 62, 371-377.	5.1	58
200	An encapsulating meta-molecule: U resonator containing spiral line. Japanese Journal of Applied Physics, 2014, 53, 110306.	1.5	0
201	Time-domain analysis of the pulsed EM field in planarly layered configurations: Principles and software implementation. , 2014, , .		0
202	Directional Fluorescence Emission by Individual V-Antennas Explained by Mode Expansion. ACS Nano, 2014, 8, 8232-8241.	14.6	84
203	On the use of a hierarchical multi-level building block basis function scheme in periodic plasmonic structures. Applied Physics A: Materials Science and Processing, 2014, 115, 415-419.	2.3	1
204	Effect of Short-Term GSM Radiation at Representative Levels in Society on a Biological Model: The Ant Myrmica sabuleti. Journal of Insect Behavior, 2014, 27, 514-526.	0.7	15
205	Implementation of the Natural Mode Analysis for Nanotopologies Using a Volumetric Method of Moments (V-MoM) Algorithm. IEEE Photonics Journal, 2014, 6, 1-13.	2.0	9
206	Impulsive electromagnetic response of thin plasmonic metal sheets. Radio Science, 2014, 49, 689-697.	1.6	7
207	Radiators in Time Domainâ€œPart I: Electric, Magnetic, and Radiated Energies. IEEE Transactions on Antennas and Propagation, 2013, 61, 3995-4003.	5.1	34
208	Radiators in Time Domainâ€œPart II: Finite Pulses, Sinusoidal Regime and Q Factor. IEEE Transactions on Antennas and Propagation, 2013, 61, 4004-4012.	5.1	36
209	Optimal solar energy harvesting efficiency of nano-rectenna systems. Solar Energy, 2013, 88, 163-174.	6.1	55
210	Benchmarking of Optimally Used Commercial Software Tools for Challenging Antenna Topologies: The 2012â€œ2013 Run. IEEE Antennas and Propagation Magazine, 2013, 55, 281-292.	1.4	8
211	How to model connection wires in a circuit: From physical vector fields to circuit scalar quantities. American Journal of Physics, 2013, 81, 676-681.	0.7	3
212	Miniaturization of UWB Antennas and its Influence on Antenna-Transceiver Performance in Impulse-UWB Communication. Wireless Personal Communications, 2013, 71, 2913-2935.	2.7	2
213	Novel concept for microstrip stub resonant frequency control. , 2013, , .		2
214	Measurement and Performance of Textile Antenna Efficiency on a Human Body in a Reverberation Chamber. IEEE Transactions on Antennas and Propagation, 2013, 61, 871-881.	5.1	61
215	Dual-Band Suspended-Plate Wearable Textile Antenna. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 583-586.	4.0	39
216	Analysis of an Indoor Biomedical Radar-Based System for Health Monitoring. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2061-2068.	4.6	147

#	ARTICLE	IF	CITATIONS
217	On the Limitations of the Time-Domain Impedance Boundary Condition. IEEE Transactions on Antennas and Propagation, 2013, 61, 6094-6099.	5.1	4
218	A digitally beam-steerable antenna array system for positioning-based tracking applications. IEEE Antennas and Propagation Magazine, 2013, 55, 35-49.	1.4	7
219	A smart wearable textile array system for biomedical telemetry applications. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2253-2261.	4.6	64
220	Generalized Ray Theory for Time-Domain Electromagnetic Fields in Horizontally Layered Media. IEEE Transactions on Antennas and Propagation, 2013, 61, 2676-2687.	5.1	36
221	Surface Impedance Modeling of Plasmonic Circuits at Optical Communication Wavelengths. Journal of Lightwave Technology, 2013, 31, 3315-3322.	4.6	6
222	Compact circular polarizer based on chiral twisted double split-ring resonator. Applied Physics Letters, 2013, 102, .	3.3	126
223	Millimeter-Wave Horn-Type Antenna-in-Package Solution Fabricated in a Teflon-Based Multilayer PCB Technology. IEEE Transactions on Antennas and Propagation, 2013, 61, 1581-1590.	5.1	30
224	Line Position and Quality Factor of Plasmonic Resonances Beyond the Quasi-Static Limit: A Full-Wave Eigenmode Analysis Route. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 4600908-4600908.	2.9	25
225	Nanostripe length dependence of plasmon-induced material deformations. Optics Letters, 2013, 38, 2256.	3.3	18
226	Interacting plasmonic nanostructures beyond the quasi-static limit: a "circuit" model. Optics Express, 2013, 21, 31105.	3.4	16
227	Chiral structure based on bilayered displaced U pair. Europhysics Letters, 2013, 103, 18002.	2.0	4
228	Reply to "Comments on 'Reactive energies, impedance, and Q factor of radiating structures'". IEEE Transactions on Antennas and Propagation, 2013, 61, 6268-6268.	5.1	3
229	A SYSTEMATIC DESIGN PROCEDURE FOR MICROSTRIP-BASED UNIDIRECTIONAL UWB ANTENNAS. Progress in Electromagnetics Research, 2013, 143, 105-130.	4.4	18
230	CYLINDRICAL MICROSTRIP ARRAY ANTENNAS WITH SLOTTED STRIP-FRAMED PATCHES. Progress in Electromagnetics Research, 2013, 139, 539-558.	4.4	9
231	A NOVEL 2.45 GHz SWITCHABLE BEAM TEXTILE ANTENNA (SBTA) FOR OUTDOOR WIRELESS BODY AREA NETWORK (WBAN) APPLICATIONS. Progress in Electromagnetics Research, 2013, 138, 613-627.	4.4	29
232	A multilayered coaxial feed model. , 2012, , .		0
233	Discussion slot 1. , 2012, , .		0
234	Simple Technique to Predict Beam Direction Based on Element Pattern and Array Factor in Small- and Medium-Sized Arrays. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 763-766.	4.0	4

#	ARTICLE	IF	CITATIONS
235	Dedicated algorithm for the calculation of spatial Green's Functions in a tokamak plasma environment. , 2012, , .		0
236	A simple target tracking architecture for wireless communication applications. , 2012, , .		3
237	Time-domain surface impedance of a plasmonic half-space. , 2012, , .		0
238	Pulsed-field EMI susceptibility analysis of microelectronic circuits - A full time-domain methodology. , 2012, , .		0
239	Multi-level hierarchical meshing for nanotopologies in Volumetric Method of Moments. , 2012, , .		0
240	Antenna-in-package solutions for 60 GHz communication links. , 2012, , .		1
241	THz holographic imaging: A spatial-domain technique for phase retrieval and image reconstruction. , 2012, , .		2
242	Miniaturized RFID/UWB Antenna Structure that Can be Optimized for Arbitrary Input Impedance. IEEE Antennas and Propagation Magazine, 2012, 54, 74-87.	1.4	5
243	Design of a Broadband All-Textile Slotted PIFA. IEEE Transactions on Antennas and Propagation, 2012, 60, 379-384.	5.1	171
244	Upper bounds for the solar energy harvesting efficiency of nano-antennas. Nano Energy, 2012, 1, 494-502.	16.0	92
245	Explicit Relation Between Volume and Lower Bound for Q for Small Dipole Topologies. IEEE Transactions on Antennas and Propagation, 2012, 60, 1147-1152.	5.1	16
246	Mutual Coupling Reduction Between Planar Antennas by Using a Simple Microstrip U-Section. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1501-1503.	4.0	173
247	Dual-Band Planar Bowtie Monopole for a Fall-Detection Radar and Telemetry System. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1698-1701.	4.0	17
248	ON-BODY CHARACTERIZATION OF DUAL-BAND ALL-TEXTILE PIFA. Progress in Electromagnetics Research, 2012, 129, 517-539.	4.4	39
249	INCREASING THE NRI BANDWIDTH OF DIELECTRIC SPHERE-BASED METAMATERIALS BY COATING. Progress in Electromagnetics Research, 2012, 132, 1-23.	4.4	9
250	Semi-Analytical Modeling of Coaxial Feeds. IEEE Transactions on Antennas and Propagation, 2012, 60, 1252-1260.	5.1	4
251	Computational electromagnetics: Commercial state-of-the-art and scientific road map. , 2012, , .		3
252	Low-Cost Wideband Microstrip Arrays With High Aperture Efficiency. IEEE Transactions on Antennas and Propagation, 2012, 60, 3028-3034.	5.1	32

#	ARTICLE	IF	CITATIONS
253	Computational Electromagnetics: Commercial State-of-the-Art and Scientific Roadmaps [EurAAP Corner]. IEEE Antennas and Propagation Magazine, 2012, 54, 283-288.	1.4	5
254	Plasmon-Enhanced Sub-Wavelength Laser Ablation: Plasmonic Nanojets. Advanced Materials, 2012, 24, OP29-35.	21.0	53
255	Plasmonics: Plasmon-Enhanced Sub-Wavelength Laser Ablation: Plasmonic Nanojets (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overloc	21.0	0
256	A Practical Attack on KeeLoq. Journal of Cryptology, 2012, 25, 136-157.	2.8	14
257	Simple Procedure to Derive Lower Bounds for Radiation Q of Electrically Small Devices of Arbitrary Topology. IEEE Transactions on Antennas and Propagation, 2011, 59, 2217-2225.	5.1	50
258	The Integral Equation technique: Applications at THz, IR, and optical frequencies. , 2011, , .		0
259	The Method of Moments at IR and optical frequencies. , 2011, , .		1
260	Concept Study of a Shorted Annular Patch Antenna: Design and Fabrication on a Conducting Cylinder. IEEE Transactions on Antennas and Propagation, 2011, 59, 2097-2102.	5.1	9
261	Integral equation techniques: From microwaves, over mm waves, to IR and optical frequencies. , 2011, , .		0
262	On the use of the method of moments in plasmonic applications. Radio Science, 2011, 46, .	1.6	39
263	Plasmon Line Shaping Using Nanocrosses for High Sensitivity Localized Surface Plasmon Resonance Sensing. Nano Letters, 2011, 11, 391-397.	9.1	432
264	Antenna-in-package solution for 3D integration of millimeter-wave systems using a thin-film MCM technology. , 2011, , .		5
265	Optimal Design of a Highly Compact Low-Cost and Strongly Coupled 4 Element Array for WLAN. IEEE Transactions on Antennas and Propagation, 2011, 59, 1061-1065.	5.1	18
266	Dark and bright localized surface plasmons in nanocrosses. Optics Express, 2011, 19, 11034.	3.4	63
267	The Future of Computational Electromagnetics: Science or Product [EurAAP Corner]. IEEE Antennas and Propagation Magazine, 2011, 53, 264-269.	1.4	5
268	U-shaped Switches for Optical Information Processing at the Nanoscale. Small, 2011, 7, 2573-2576.	10.0	35
269	3D-Antenna-in-Package Solution for Microwave Wireless Sensor Network Nodes. IEEE Transactions on Antennas and Propagation, 2011, 59, 3617-3623.	5.1	14
270	NOVEL LOW-COST END-WALL MICROSTRIP-TO-WAVEGUIDE SPLITTER TRANSITION. Progress in Electromagnetics Research, 2010, 101, 75-96.	4.4	26

#	ARTICLE	IF	CITATIONS
271	EFFICIENT EVALUATION OF GREEN'S FUNCTIONS FOR LOSSY HALF-SPACE PROBLEMS. Progress in Electromagnetics Research, 2010, 109, 139-157.	4.4	21
272	Experimental Realization of Subradiant, Superradiant, and Fano Resonances in Ring/Disk Plasmonic Nanocavities. ACS Nano, 2010, 4, 1664-1670.	14.6	390
273	Benchmarking of software tools for small planar antenna analysis. , 2010, , .		2
274	Far-Field On-Chip Antennas Monolithically Integrated in a Wireless-Powered 5.8-GHz Downlink/UWB Uplink RFID Tag in 0.18- μm Standard CMOS. IEEE Journal of Solid-State Circuits, 2010, 45, 1746-1758.	5.4	67
275	A Monolithically Integrated On-Chip Antenna in 0.18 μm Standard CMOS Technology for Far-Field Short-Range Wireless Powering. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 631-633.	4.0	15
276	Reactive Energies, Impedance, and Q Factor of Radiating Structures. IEEE Transactions on Antennas and Propagation, 2010, 58, 1112-1127.	5.1	158
277	On the use of the Method of Moments in plasmonic applications. , 2010, , .		2
278	Conceptual Study of Analog Baseband Beam Forming: Design and Measurement of an Eight-by-Eight Phased Array. IEEE Transactions on Antennas and Propagation, 2009, 57, 1667-1672.	5.1	24
279	Efficient size reduction technique for band-notched planar UWB monopole antennas. , 2009, , .		0
280	An Effective Technique for Symmetric Planar Monopole Antenna Miniaturization. IEEE Transactions on Antennas and Propagation, 2009, 57, 2989-2996.	5.1	38
281	The Antenna Software Initiative (ASI): ACE Results and EuRAAP Continuation. IEEE Antennas and Propagation Magazine, 2009, 51, 85-92.	1.4	20
282	Dependence of RFID Reader Antenna Design on Read Out Distance. IEEE Transactions on Antennas and Propagation, 2008, 56, 3829-3837.	5.1	39
283	A Heuristic Diffraction Coefficient for the Corner of a Dielectric Slab. IEEE Transactions on Antennas and Propagation, 2008, 56, 596-601.	5.1	0
284	Separation of Horizontal and Vertical Dependencies in a Surface/Volume Integral Equation Approach to Model Quasi 3-D Structures in Multilayered Media. IEEE Transactions on Antennas and Propagation, 2007, 55, 1086-1094.	5.1	58
285	CPW-FED fractal bow-tie antenna. Microwave and Optical Technology Letters, 2007, 49, 1587-1589.	1.4	1
286	GREEN'S FUNCTIONS OF FILAMENT SOURCES EMBEDDED IN STRATIFIED DIELECTRIC MEDIA. Progress in Electromagnetics Research, 2006, 62, 21-40.	4.4	10
287	Modelling of microstrip antennas on a finite ground plane using the 2D physical optics model. Microwave and Optical Technology Letters, 2004, 40, 26-29.	1.4	6
288	High-frequency scattering on a semi-infinite dielectric slab with a rising ground: TM case. Microwave and Optical Technology Letters, 2004, 43, 52-55.	1.4	0

#	ARTICLE	IF	CITATIONS
289	Network model for the inverse capacitively fed microstrip element. Microwave and Optical Technology Letters, 2002, 33, 16-19.	1.4	0
290	Hybrid Dyadic - MPIE Integral Equation Analysis of Passive Microwave Devices in Layered Media. , 2001, , .		0
291	Analysis of a magnetic-line source on a truncated dielectric layer structure by using a combination of the expansion-wave concept and physical-optics methods. Microwave and Optical Technology Letters, 2000, 24, 414-418.	1.4	8
292	Enhancing the gain of microstrip antennas at different frequencies with one substrate-superstrate structure. Microwave and Optical Technology Letters, 2000, 27, 37-40.	1.4	4
293	Single-Molecule Fluorescence Enhancement by Plasmonic Core-Shell Nanostructures Incorporating Nonlocal Effects. Advanced Theory and Simulations, 0, , 2100558.	2.8	1