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List of Publications by Year
in descending order

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228	7,555	57631	60497
papers	citations	44 h-index	81 g-index

234	234	234	8037
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dual Plasmonic Nanostructures for High Performance Inverted Organic Solar Cells. Advanced Materials, 2012, 24, 3046-3052.	11.1	654
2	The efficiency limit of CH3NH3PbI3 perovskite solar cells. Applied Physics Letters, 2015, 106, .	1.5	480
3	Efficiency Enhancement of Organic Solar Cells by Using Shapeâ€Dependent Broadband Plasmonic Absorption in Metallic Nanoparticles. Advanced Functional Materials, 2013, 23, 2728-2735.	7.8	279
4	Optical and electrical properties of efficiency enhanced polymer solar cells with Au nanoparticles in a PEDOTâ€“PSS layer. Journal of Materials Chemistry, 2011, 21, 16349.	6.7	259
5	BiOX (X = Cl, Br, I) photocatalysts prepared using NaBiO3 as the Bi source: Characterization and catalytic performance. Catalysis Communications, 2010, 11, 460-464.	1.6	251
6	Optical and electrical effects of gold nanoparticles in the active layer of polymer solar cells. Journal of Materials Chemistry, 2012, 22, 1206-1211.	6.7	222
7	Efficient and stable inverted perovskite solar cells with very high fill factors via incorporation of star-shaped polymer. Science Advances, 2021, 7, .	4.7	195
8	Surface Plasmon and Scatteringâ€Enhanced Lowâ€Bandgap Polymer Solar Cell by a Metal Grating Back Electrode. Advanced Energy Materials, 2012, 2, 1203-1207.	10.2	160
9	Nonlinear optics in plasmonic nanostructures. Journal of Optics (United Kingdom), 2018, 20, 083001.	1.0	160
10	Improving the efficiency of polymer solar cells by incorporating gold nanoparticles into all polymer layers. Applied Physics Letters, 2011, 99, .	1.5	157
11	Ultrathin Complementary Metasurface for Orbital Angular Momentum Generation at Microwave Frequencies. IEEE Transactions on Antennas and Propagation, 2017, 65, 396-400.	3.1	145
12	Plasmonic Electrically Functionalized TiO₂ for Highâ€Performance Organic Solar Cells. Advanced Functional Materials, 2013, 23, 4255-4261.	7.8	138
13	Inorganic perovskite solar cells: an emerging member of the photovoltaic community. Journal of Materials Chemistry A, 2019, 7, 21036-21068.	5.2	137
14	Efficient and Reproducible Monolithic Perovskite/Organic Tandem Solar Cells with Low-Loss Interconnecting Layers. Joule, 2020, 4, 1594-1606.	11.7	116
15	Graphene based functional devices: A short review. Frontiers of Physics, 2019, 14, 1.	2.4	114
16	Ultrawideband Reflection-Type Metasurface for Generating Integer and Fractional Orbital Angular Momentum. IEEE Transactions on Antennas and Propagation, 2020, 68, 2166-2175.	3.1	105
17	Novel Direct Nanopatterning Approach to Fabricate Periodically Nanostructured Perovskite for Optoelectronic Applications. Advanced Functional Materials, 2017, 27, 1606525.	7.8	101
18	Exploring the Way To Approach the Efficiency Limit of Perovskite Solar Cells by Drift-Diffusion Model. ACS Photonics, 2017, 4, 934-942.	3.2	98

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19	Enhanced charge extraction in organic solar cells through electron accumulation effects induced by metal nanoparticles. Energy and Environmental Science, 2013, 6, 3372.	15.6	95
20	Efficient Inverted Polymer Solar Cells with Directly Patterned Active Layer and Silver Back Grating. Journal of Physical Chemistry C, 2012, 116, 7200-7206.	1.5	93
21	Photocatalytic decomposition of 4-t-octylphenol over NaBiO3 driven by visible light: Catalytic kinetics and corrosion products characterization. Journal of Hazardous Materials, 2010, 173, 765-772.	6.5	85
22	Two-Step Enhanced Deep Learning Approach for Electromagnetic Inverse Scattering Problems. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2254-2258.	2.4	83
23	Artificial perfect electric conductor-perfect magnetic conductor anisotropic metasurface for generating orbital angular momentum of microwave with nearly perfect conversion efficiency. Journal of Applied Physics, 2016, 119, .	1.1	82
24	Quantifying Efficiency Loss of Perovskite Solar Cells by a Modified Detailed Balance Model. Advanced Energy Materials, 2018, 8, 1701586.	10.2	82
25	Power Conversion Efficiency Enhancement of Low-Bandgap Mixed Pbâ€“Sn Perovskite Solar Cells by Improved Interfacial Charge Transfer. ACS Energy Letters, 2019, 4, 1784-1790.	8.8	76
26	Orbital Angular Momentum Generation and Detection by Geometric-Phase Based Metasurfaces. Applied Sciences (Switzerland), 2018, 8, 362.	1.3	73
27	Near-field multiple scattering effects of plasmonic nanospheres embedded into thin-film organic solar cells. Applied Physics Letters, 2011, 99, .	1.5	72
28	Bioinspired Quasiâ€3D Multiplexed Antiâ€Counterfeit Imaging via Selfâ€Assembled and Nanoimprinted Photonic Architectures. Advanced Materials, 2022, 34, e2107243.	11.1	70
29	A comprehensive study for the plasmonic thin-film solar cell with periodic structure. Optics Express, 2010, 18, 5993.	1.7	67
30	Orbital Angular Momentum Multiplexing in Highly Reverberant Environments. IEEE Microwave and Wireless Components Letters, 2020, 30, 112-115.	2.0	66
31	Realizing High Efficiency over 20% of Lowâ€Bandgap Pbâ€“Snâ€Alloyed Perovskite Solar Cells by In Situ Reduction of Sn⁴⁺. Solar Rrl, 2020, 4, 1900467.	3.1	65
32	Angular response of thin-film organic solar cells with periodic metal back nanostrips. Optics Letters, 2011, 36, 478.	1.7	62
33	Breaking the Space Charge Limit in Organic Solar Cells by a Novel Plasmonic-Electrical Concept. Scientific Reports, 2014, 4, 6236.	1.6	62
34	Survey on Symplectic Finite-Difference Time-Domain Schemes for Maxwell's Equations. IEEE Transactions on Antennas and Propagation, 2008, 56, 493-500.	3.1	61
35	The Numerical Steepest Descent Path Method for Calculating Physical Optics Integrals on Smooth Conducting Quadratic Surfaces. IEEE Transactions on Antennas and Propagation, 2013, 61, 4183-4193.	3.1	59
36	Evaluation and prediction of the COVID-19 variations at different input population and quarantine strategies, a case study in Guangdong province, China. International Journal of Infectious Diseases, 2020, 95, 231-240.	1.5	56

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37	Coupled cavity-waveguide based on topological corner state and edge state. Optics Letters, 2021, 46, 1089.	1.7	56
38	Second-harmonic generation via double topological valley-Hall kink modes in all-dielectric photonic crystals. Physical Review A, 2021, 103, .	1.0	53
39	Optical and electrical study of organic solar cells with a 2D grating anode. Optics Express, 2012, 20, 2572.	1.7	52
40	Integrated Terahertz Generator-Manipulators Using Epsilon-near-Zero-Hybrid Nonlinear Metasurfaces. Nano Letters, 2021, 21, 7699-7707.	4.5	52
41	Detection of Orbital Angular Momentum With Metasurface at Microwave Band. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 110-113.	2.4	51
42	Pseudospin-Polarized Topological Line Defects in Dielectric Photonic Crystals. IEEE Transactions on Antennas and Propagation, 2020, 68, 609-613.	3.1	48
43	Enhanced Deep Learning Approach Based on the Deep Convolutional Encoderâ€“Decoder Architecture for Electromagnetic Inverse Scattering Problems. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1211-1215.	2.4	48
44	Quantum Electromagnetics: A New Lookâ€”Part I. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2016, 1, 73-84.	1.4	46
45	Enhanced hydrogen evolution via interlaced Ni3S2/MoS2 heterojunction photocatalysts with efficient interfacial contact and broadband absorption. Journal of Alloys and Compounds, 2018, 749, 473-480.	2.8	46
46	A General Design Rule to Manipulate Photocarrier Transport Path in Solar Cells and Its Realization by the Plasmonic-Electrical Effect. Scientific Reports, 2015, 5, 8525.	1.6	44
47	Study on spontaneous emission in complex multilayered plasmonic system via surface integral equation approach with layered medium Greenâ€™s function. Optics Express, 2012, 20, 20210.	1.7	43
48	Enhanced photoactivity on Ag/Ag 3 PO 4 composites by plasmonic effect. Journal of Colloid and Interface Science, 2013, 392, 325-330.	5.0	40
49	Tuning optical responses of metallic dipole nanoantenna using graphene. Optics Express, 2013, 21, 31824.	1.7	40
50	Efficient hole transport layers with widely tunable work function for deep HOMO level organic solar cells. Journal of Materials Chemistry A, 2015, 3, 23955-23963.	5.2	40
51	Application of the symplectic finite-difference time-domain scheme to electromagnetic simulation. Journal of Computational Physics, 2007, 225, 33-50.	1.9	38
52	Large-Scale Characteristic Mode Analysis With Fast Multipole Algorithms. IEEE Transactions on Antennas and Propagation, 2016, 64, 2608-2616.	3.1	38
53	Finite-Element-Based Generalized Impedance Boundary Condition for Modeling Plasmonic Nanostructures. IEEE Nanotechnology Magazine, 2012, 11, 336-345.	1.1	37
54	Photovoltaic Mode Ultraviolet Organic Photodetectors with High On/Off Ratio and Fast Response. Advanced Optical Materials, 2014, 2, 1082-1089.	3.6	37

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55	A New Interconnecting Layer of Metal Oxide/Dipole Layer/Metal Oxide for Efficient Tandem Organic Solar Cells. Advanced Energy Materials, 2015, 5, 1500631.	10.2	37
56	Quasi-Continuous Metasurfaces for Orbital Angular Momentum Generation. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 477-481.	2.4	37
57	A Novel Miniaturized Strong-Coupled FSS Structure With Excellent Angular Stability. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 38-45.	1.4	37
58	Colorful Efficient MoirÃ©â€Perovskite Solar Cells. Advanced Materials, 2021, 33, e2008091.	11.1	37
59	Unidirectional and wavelength-selective photonic sphere-array nanoantennas. Optics Letters, 2012, 37, 2112.	1.7	36
60	Finite-Difference Time-Domain Simulation of the Maxwellâ€“SchrÃ¶dinger System. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2016, 1, 40-47.	1.4	36
61	Coexistence of pseudospin- and valley-Hall-like edge states in a photonic crystal with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>C</mml:mi><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math> symmetry. Physical Review Research, 2020, 2, .	3.8	36
62	Quantum Electromagnetics: A New Lookâ€”Part II. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2016, 1, 85-97.	1.4	35
63	Highâ€Efficiency and Durable Inverted Perovskite Solar Cells with Thermallyâ€Induced Phaseâ€Change Electron Extraction Layer. Advanced Energy Materials, 2021, 11, 2102844.	10.2	35
64	Probing the light harvesting and charge rectification of bismuth nanoparticles behind the promoted photoreactivity onto Bi/BiOCl catalyst by (in-situ) electron microscopy. Applied Catalysis B: Environmental, 2017, 201, 495-502.	10.8	34
65	First-principle calculation of Chern number in gyrotropic photonic crystals. Optics Express, 2020, 28, 4638.	1.7	34
66	Compact Nonlinear Yagi-Uda Nanoantennas. Scientific Reports, 2016, 6, 18872.	1.6	33
67	Light harvesting improvement of organic solar cells with self-enhanced active layer designs. Optics Express, 2012, 20, 8175.	1.7	30
68	FULL HYDRODYNAMIC MODEL OF NONLINEAR ELECTROMAGNETIC RESPONSE IN METALLIC METAMATERIALS (Invited Paper). Progress in Electromagnetics Research, 2016, 157, 63-78.	1.6	30
69	Investigation of broadband terahertz generation from metasurface. Optics Express, 2018, 26, 14241.	1.7	29
70	Nonlinearity in the Dark: Broadband Terahertz Generation with Extremely High Efficiency. Physical Review Letters, 2019, 122, 027401.	2.9	29
71	Systematic study of spontaneous emission in a two-dimensional arbitrary inhomogeneous environment. Physical Review A, 2011, 83, .	1.0	27
72	Polarization Control by Using Anisotropic 3-D Chiral Structures. IEEE Transactions on Antennas and Propagation, 2016, 64, 4687-4694.	3.1	27

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73	Mixing of spin and orbital angular momenta via second-harmonic generation in plasmonic and dielectric chiral nanostructures. Physical Review B, 2017, 95, .	1.1	25
74	Wideband Millimeter-Wave Dual-Mode Dual Circularly Polarized OAM Antenna Using Sequentially Rotated Feeding Technique. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1296-1300.	2.4	25
75	Manipulation of Orbital Angular Momentum Spectrum Using Shapeâ€Tailored Metasurfaces. Advanced Optical Materials, 2021, 9, 2001711.	3.6	25
76	Generation of Orbital Angular Momentum by a Point Defect in Photonic Crystals. Physical Review Applied, 2018, 10, .	1.5	24
77	Highly Efficient 1D/3D Ferroelectric Perovskite Solar Cell. Advanced Functional Materials, 2021, 31, 2100205.	7.8	24
78	A unified Hamiltonian solution to Maxwellâ€“SchrÃ¶dinger equations for modeling electromagnetic fieldâ€“particle interaction. Computer Physics Communications, 2017, 215, 63-70.	3.0	23
79	Maxwellâ€“Hydrodynamic Model for Simulating Nonlinear Terahertz Generation From Plasmonic Metasurfaces. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2017, 2, 194-201.	1.4	23
80	Efficient volumetric method of moments for modeling plasmonic thin-film solar cells with periodic structures. Optics Express, 2018, 26, 25037.	1.7	23
81	Optical design of organic solar cell with hybrid plasmonic system. Optics Express, 2011, 19, 15908.	1.7	22
82	Electromagnetic-Thermal Analysis of Human Head Exposed to Cell Phones With the Consideration of Radiative Cooling. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1584-1587.	2.4	22
83	Electromagnetic Effective Degree of Freedom of an MIMO System in Free Space. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 446-450.	2.4	22
84	Dissipative Quantum Electromagnetics. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2018, 3, 198-213.	1.4	21
85	Backward Scattering of Electrically Large Standard Objects Illuminated by OAM Beams. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1167-1171.	2.4	21
86	Multiplexing-oriented plasmon-MoS2 hybrid metasurfaces driven by nonlinear quasi bound states in the continuum. Optics Express, 2021, 29, 5384.	1.7	21
87	Fast and accurate radar cross-section computation over a broad frequency band using the best uniform rational approximation. IET Microwaves, Antennas and Propagation, 2008, 2, 200-204.	0.7	20
88	Dispersion Characteristics Analysis of One Dimensional Multiple Periodic Structures and Their Applications to Antennas. IEEE Transactions on Antennas and Propagation, 2015, 63, 113-121.	3.1	19
89	Flexible and Accurate Simulation of Radiation Cooling with FETD Method. Scientific Reports, 2018, 8, 2652.	1.6	19
90	High-order symplectic FDTD scheme for solving a time-dependent SchrÃ¶dinger equation. Computer Physics Communications, 2013, 184, 480-492.	3.0	18

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91	Functions of Self-Assembled Ultrafine TiO₂ Nanocrystals for High Efficient Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 5367-5373.	4.0	18
92	Exciton delocalization incorporated drift-diffusion model for bulk-heterojunction organic solar cells. Journal of Applied Physics, 2016, 120, .	1.1	18
93	Comparative study of Hermitian and non-Hermitian topological dielectric photonic crystals. Physical Review A, 2021, 104, .	1.0	18
94	Bound Topological Edge State in the Continuum for All-Dielectric Photonic Crystals. Physical Review Applied, 2021, 16, .	1.5	18
95	Accurate computation of wide-band response of electromganetic scattering problems via Maehly approximation. Microwave and Optical Technology Letters, 2007, 49, 1144-1146.	0.9	17
96	Strongly enhanced and directionally tunable second-harmonic radiation from a plasmonic particle-in-cavity nanoantenna. Physical Review A, 2016, 94, .	1.0	17
97	The effects of interfacial recombination and injection barrier on the electrical characteristics of perovskite solar cells. AIP Advances, 2018, 8, .	0.6	17
98	Arbitrary Vortex Beam Synthesis With Donut-Shaped Metasurface. IEEE Transactions on Antennas and Propagation, 2022, 70, 573-584.	3.1	17
99	ELECTROMAGNETIC-CIRCUITAL-THERMAL MULTIPHYSICS SIMULATION METHOD: A REVIEW (INVITED). Progress in Electromagnetics Research, 2020, 169, 87-101.	1.6	17
100	Graphene plasmonics for tuning photon decay rate near metallic split-ring resonator in a multilayered substrate. Optics Express, 2015, 23, 2798.	1.7	16
101	Launcher of high-order Bessel vortex beam carrying orbital angular momentum by designing anisotropic holographic metasurface. Applied Physics Letters, 2020, 117, .	1.5	16
102	The roles of metallic rectangular-grating and planar anodes in the photocarrier generation and transport of organic solar cells. Applied Physics Letters, 2012, 101, .	1.5	15
103	APPLYING CONVOLUTIONAL NEURAL NETWORKS FOR THE SOURCE RECONSTRUCTION. Progress in Electromagnetics Research M, 2018, 76, 91-99.	0.5	15
104	Approaching the Fundamental Limit of Orbital-Angular-Momentum Multiplexing Through a Hologram Metasurface. Physical Review Applied, 2021, 16, .	1.5	15
105	WAVEGUIDE SIMULATION USING THE HIGH-ORDER SYMPLECTIC FINITE-DIFFERENCE TIME-DOMAIN SCHEME. Progress in Electromagnetics Research B, 2009, 13, 237-256.	0.7	14
106	A comprehensively theoretical and experimental study of carrier generation and transport for achieving high performance ternary blend organic solar cells. Nano Energy, 2018, 51, 206-215.	8.2	14
107	Parallel Higher Order DGTD and FETD for Transient Electromagnetic-Circuital-Thermal Co-Simulation. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2935-2947.	2.9	14
108	Broadband absorption enhancement of organic solar cells with interstitial lattice patterned metal nanoparticles. Applied Physics Letters, 2013, 102, .	1.5	13

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109	A Novel Miniaturized Multiband Strong Coupled-FSS Structure Insensitive to Almost All Angles and All Polarizations. IEEE Transactions on Antennas and Propagation, 2021, 69, 8470-8478.	3.1	12
110	CASIMIR FORCE FOR ARBITRARY OBJECTS USING THE ARGUMENT PRINCIPLE AND BOUNDARY ELEMENT METHODS. Progress in Electromagnetics Research, 2013, 142, 615-624.	1.6	11
111	MULTI-PHYSICAL PROPERTIES OF PLASMONIC ORGANIC SOLAR CELLS (Invited Paper). Progress in Electromagnetics Research, 2014, 146, 25-46.	1.6	11
112	Broadband near-field enhancement in the macro-periodic and micro-random structure with a hybridized excitation of propagating Bloch-plasmonic and localized surface-plasmonic modes. Nanoscale, 2015, 7, 16798-16804.	2.8	11
113	Efficient Calculation of Large Finite Periodic Structures Based on Surface Wave Analysis. IEEE Transactions on Antennas and Propagation, 2015, 63, 69-80.	3.1	11
114	Highly Efficient Graphene-Based Optical Modulator With Edge Plasmonic Effect. IEEE Photonics Journal, 2018, 10, 1-7.	1.0	11
115	GREEN'S DYADIC, SPECTRAL FUNCTION, LOCAL DENSITY OF STATES, AND FLUCTUATION DISSIPATION THEOREM. Progress in Electromagnetics Research, 2019, 166, 147-165.	1.6	11
116	Intrinsic losses in photovoltaic laser power converters. Applied Physics Letters, 2021, 118, .	1.5	11
117	Linear and nonlinear spin-orbital coupling in golden-angle spiral quasicrystals. Optics Express, 2020, 28, 334.	1.7	11
118	HIGH FREQUENCY SCATTERING BY AN IMPENETRABLE SPHERE. Progress in Electromagnetics Research, 2009, 97, 291-325.	1.6	11
119	Total Field and Scattered Field Technique for Fourth-Order Symplectic Finite Difference Time Domain Method. Chinese Physics Letters, 2006, 23, 103-105.	1.3	10
120	Observing abnormally large group velocity at the plasmonic band edge via a universal eigenvalue analysis. Optics Letters, 2014, 39, 158.	1.7	10
121	Experimental and Theoretical Investigation of Macro-Periodic and Micro-Random Nanostructures with Simultaneously Spatial Translational Symmetry and Long-Range Order Breaking. Scientific Reports, 2015, 5, 7876.	1.6	10
122	An Efficient Marching-on-in-Degree Solution of Transient Multiscale EM Scattering Problems. IEEE Transactions on Antennas and Propagation, 2016, 64, 3039-3046.	3.1	10
123	Simulating Maxwellâ€“SchrÃ¶dinger Equations by High-Order Symplectic FDTD Algorithm. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2019, 4, 143-151.	1.4	10
124	Local orbital-angular-momentum dependent surface states with topological protection. Optics Express, 2020, 28, 14428.	1.7	10
125	A highly sensitive and flexible photonic crystal oxygen sensor. Sensors and Actuators B: Chemical, 2022, 355, 131326.	4.0	10
126	Influence of Geometry of Metallic Nanoparticles on Absorption of Thin-Film Organic Solar Cells: A Critical Examination. IEEE Access, 2020, 8, 145950-145959.	2.6	9

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127	Enhancing directivity of terahertz photoconductive antennas using spoof surface plasmon structure. New Journal of Physics, 2022, 24, 073046.	1.2	9
128	Solution of arbitrarily dimensional matrix equation in computational electromagnetics by fast lifting waveletâ€like transform. International Journal for Numerical Methods in Engineering, 2009, 80, 1124-1142.	1.5	8
129	Directional far-field response of a spherical nanoantenna. Optics Letters, 2011, 36, 2146.	1.7	8
130	Electrically tunable polarizer based on graphene-loaded plasmonic cross antenna. Journal of Physics Condensed Matter, 2018, 30, 144007.	0.7	8
131	A New Conformal FDTD(2,4) Scheme for Modeling Three-Dimensional Curved Perfectly Conducting Objects. IEEE Microwave and Wireless Components Letters, 2008, 18, 149-151.	2.0	7
132	Valley topological line-defects for Terahertz waveguides and power divider. Optical Materials, 2022, 126, 112152.	1.7	7
133	A Frequency-Independent Method for Computing the Physical Optics-Based Electromagnetic Fields Scattered From a Hyperbolic Surface. IEEE Transactions on Antennas and Propagation, 2016, 64, 1546-1552.	3.1	6
134	High-quality image restoration from partial mixed adaptive-random measurements. Multimedia Tools and Applications, 2016, 75, 6189-6205.	2.6	6
135	Hamilton Equations, Commutator, and Energy Conservation. Quantum Reports, 2019, 1, 295-303.	0.6	6
136	A Wideband OAM Antenna Based on Chiral Harmonic Diffraction. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2290-2294.	2.4	6
137	Loss mechanism analyses of perovskite solar cells with equivalent circuit model. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 098801.	0.2	6
138	Experimental Study of Plane Spiral OAM Mode-Group Based MIMO Communications. IEEE Transactions on Antennas and Propagation, 2022, 70, 641-653.	3.1	6
139	Machine Learning Methodology Review for Computational Electromagnetics. , 2019, , .		5
140	Investigating Thermal Cooling Mechanisms of Human Body Under Exposure to Electromagnetic Radiation. IEEE Access, 2019, 7, 9697-9703.	2.6	5
141	Bound valley edge states in the continuum. Optics Letters, 2022, 47, 3107.	1.7	5
142	A novel high-order time-domain scheme for three-dimensional Maxwell's equations. Microwave and Optical Technology Letters, 2006, 48, 1123-1125.	0.9	4
143	Optimal symplectic integrators for numerical solution of time-domain Maxwell's equations. Microwave and Optical Technology Letters, 2007, 49, 545-547.	0.9	4
144	A NEW EFIE METHOD BASED ON COULOMB GAUGE FOR THE LOW-FREQUENCY ELECTROMAGNETIC ANALYSIS. Progress in Electromagnetics Research, 2013, 140, 613-631.	1.6	4

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145	A Novel Eigenvalue Algorithm for the Complex Band Structure and Eigenmodes of Plasmonic Crystals. IEEE Photonics Journal, 2016, 8, 1-10.	1.0	4
146	Chip-Scale Plasmonic Sum Frequency Generation. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	4
147	Second-harmonic generation of structured light by transition-metal dichalcogenide metasurfaces. Physical Review A, 2020, 102, .	1.0	4
148	Modelling of the Fluctuation and Coherent Dynamics in Active Metamaterial Devices. IEEE Nanotechnology Magazine, 2021, 20, 543-551.	1.1	4
149	Perovskite Solar Cells: Colorful Efficient MoirÃ©â€Perovskite Solar Cells (Adv. Mater. 15/2021). Advanced Materials, 2021, 33, 2170116.	11.1	4
150	Application of the high-order symplectic FDTD scheme to the curved three-dimensional perfectly conducting objects. Microwave and Optical Technology Letters, 2007, 49, 931-934.	0.9	3
151	Hybrid Lifting Wavelet-Like Transform for Solution of Electromagnetic Integral Equation. Chinese Physics Letters, 2008, 25, 1000-1003.	1.3	3
152	Organic Solar Cells: A New Interconnecting Layer of Metal Oxide/Dipole Layer/Metal Oxide for Efficient Tandem Organic Solar Cells (Adv. Energy Mater. 17/2015). Advanced Energy Materials, 2015, 5, n/a-n/a.	10.2	3
153	Numerical methods for spin-dependent transport calculations and spin bound states analysis in Rashba waveguides. Computer Physics Communications, 2016, 198, 118-127.	3.0	3
154	Source Reconstruction Method based on Machine Learning Algorithms. , 2019, , .		3
155	Universal Vectorâ€“Scalar Potential Framework for Inhomogeneous Electromagnetic System and Its Application in Semiclassical Quantum Electromagnetics. IEEE Transactions on Plasma Science, 2021, 49, 3459-3471.	0.6	3
156	A novel eigenvalue method for calculating the band structure of lossy and dispersive photonic crystals. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 184210.	0.2	3
157	Plane Spiral OAM Mode-Group Orthogonal Multiplexing Communication Using Partial Arc Sampling Receiving Scheme. IEEE Transactions on Antennas and Propagation, 2022, 70, 10998-11008.	3.1	3
158	Orbital angular momentum (OAM) generation by composite PEC-PMC metasurfaces in microwave regime. , 2016, , .		2
159	Finite-difference time-domain simulation of the Maxwell-SchrÃ¶dinger system. , 2016, , .		2
160	Long-range MIMO Communication Using Plane Spiral OAM Mode-group. , 2021, , .		2
161	Sum-frequency and second-harmonic generation from plasmonic nonlinear nanoantennas. URSI Radio Science Bulletin, 2017, 2017, 43-49.	0.2	2
162	Fast computation of radar cross-section by fast multipole method in conjunction with lifting wavelet-like transform. IET Microwaves, Antennas and Propagation, 2010, 4, 2219.	0.7	1

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163	Mixing plasmonic Au nanoparticles into all polymer layers for improving the efficiency of organic solar cells. , 2012, , .		1
164	Characterization of wave physics using the rigorous Helmholtz decomposition based on the surface integral equation. , 2012, , .		1
165	Optimized Operator-Splitting Methods in Numerical Integration of Maxwell's Equations. International Journal of Antennas and Propagation, 2012, 2012, 1-8.	0.7	1
166	Multiphysics modeling of plasmonic organic solar cells with a unified finite-difference method. , 2013, , .		1
167	Theoretical Studies of Plasmonic Effects in Organic Solar Cells. Green Energy and Technology, 2013, , 177-210.	0.4	1
168	One dimensional multiple periodic composite right/left handed (CRLH) structures. , 2013, , .		1
169	Numerical Modeling in Antenna Engineering. , 2015, , 1-71.		1
170	Quantum electromagnetics: A new look. , 2016, , .		1
171	Modeling of nonlinear response from metallic metamaterials by Maxwell-hydrodynamic equations. , 2016, , .		1
172	A novel beam-steering nonlinear nanoantenna with surface plasmon resonance. , 2016, , .		1
173	Orbital angular momentum generation using a bi-layered complementary metasurface with a high conversion efficiency. , 2016, , .		1
174	A highly tunable sub-wavelength chiral structure for circular polarizer. , 2016, , .		1
175	Modeling nonlinear responses in metallic metamaterials by the FDTD solution to Maxwell-hydrodynamic equations. , 2016, , .		1
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