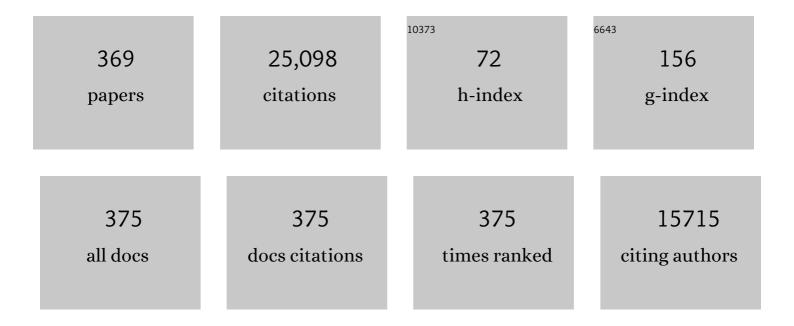
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Planar Photonics with Metasurfaces. Science, 2013, 339, 1232009.	6.0	2,352
2	Optical cloaking with metamaterials. Nature Photonics, 2007, 1, 224-227.	15.6	1,887
3	Negative index of refraction in optical metamaterials. Optics Letters, 2005, 30, 3356.	1.7	1,536
4	Broadband Light Bending with Plasmonic Nanoantennas. Science, 2012, 335, 427-427.	6.0	1,291
5	Metasurface holograms for visible light. Nature Communications, 2013, 4, .	5.8	1,167
6	Loss-free and active optical negative-index metamaterials. Nature, 2010, 466, 735-738.	13.7	729
7	Refractory Plasmonics with Titanium Nitride: Broadband Metamaterial Absorber. Advanced Materials, 2014, 26, 7959-7965.	11.1	603
8	Ultra-thin, planar, Babinet-inverted plasmonic metalenses. Light: Science and Applications, 2013, 2, e72-e72.	7.7	576
9	Titanium nitride as a plasmonic material for visible and near-infrared wavelengths. Optical Materials Express, 2012, 2, 478.	1.6	567
10	Optical black hole: Broadband omnidirectional light absorber. Applied Physics Letters, 2009, 95, .	1.5	430
11	Broadband High-Efficiency Half-Wave Plate: A Supercell-Based Plasmonic Metasurface Approach. ACS Nano, 2015, 9, 4111-4119.	7.3	387
12	Demonstration of Al:ZnO as a plasmonic component for near-infrared metamaterials. Proceedings of the United States of America, 2012, 109, 8834-8838.	3.3	304
13	Electrically Tunable Damping of Plasmonic Resonances with Graphene. Nano Letters, 2012, 12, 5202-5206.	4.5	301
14	Nonmagnetic cloak with minimized scattering. Applied Physics Letters, 2007, 91, .	1.5	272
15	Hyperbolic metamaterials: new physics behind a classical problem. Optics Express, 2013, 21, 15048.	1.7	270
16	Metamagnetics with rainbow colors. Optics Express, 2007, 15, 3333.	1.7	265
17	Time-varying metasurfaces and Lorentz non-reciprocity. Optical Materials Express, 2015, 5, 2459.	1.6	258
18	The Ag dielectric function in plasmonic metamaterials. Optics Express, 2008, 16, 1186.	1.7	254

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19	Local Heating with Lithographically Fabricated Plasmonic Titanium Nitride Nanoparticles. Nano Letters, 2013, 13, 6078-6083.	4.5	253
20	Formation of Bound States in the Continuum in Hybrid Plasmonic-Photonic Systems. Physical Review Letters, 2018, 121, 253901.	2.9	252
21	All-dielectric subwavelength metasurface focusing lens. Optics Express, 2014, 22, 26212.	1.7	251
22	Broadband Hotâ€Electron Collection for Solar Water Splitting with Plasmonic Titanium Nitride. Advanced Optical Materials, 2017, 5, 1601031.	3.6	248
23	Ultra-thin ultra-smooth and low-loss silver films on a germanium wetting layer. Optics Express, 2010, 18, 5124.	1.7	237
24	Photonic Bound States in the Continuum: From Basics to Applications. Advanced Optical Materials, 2021, 9, .	3.6	237
25	Long-range and rapid transport of individual nano-objects by a hybrid electrothermoplasmonic nanotweezer. Nature Nanotechnology, 2016, 11, 53-59.	15.6	231
26	Electrical Modulation of Fano Resonance in Plasmonic Nanostructures Using Graphene. Nano Letters, 2014, 14, 78-82.	4.5	200
27	A negative permeability material at red light. Optics Express, 2007, 15, 1076.	1.7	192
28	Ten years of spasers and plasmonic nanolasers. Light: Science and Applications, 2020, 9, 90.	7.7	192
29	Dual-band negative index metamaterial: double negative at 813 nm and single negative at 772 nm. Optics Letters, 2007, 32, 1671.	1.7	188
30	Anisotropic Metamaterials Emulated by Tapered Waveguides: Application to Optical Cloaking. Physical Review Letters, 2009, 102, 213901.	2.9	181
31	Enhanced localized fluorescence in plasmonic nanoantennae. Applied Physics Letters, 2008, 92, .	1.5	178
32	Drude Relaxation Rate in Grained Gold Nanoantennas. Nano Letters, 2010, 10, 916-922.	4.5	176
33	Impedance-matched hyperlens. Optics Letters, 2007, 32, 3432.	1.7	168
34	Engineering space for light via transformation optics. Optics Letters, 2008, 33, 43.	1.7	168
35	Designs for optical cloaking with high-order transformations. Optics Express, 2008, 16, 5444.	1.7	168
36	Liquid crystal clad near-infrared metamaterials with tunable negative-zero-positive refractive indices. Optics Express, 2007, 15, 3342.	1.7	166

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37	Wavelength-Tunable Spasing in the Visible. Nano Letters, 2013, 13, 4106-4112.	4.5	166
38	Role of epsilon-near-zero substrates in the optical response of plasmonic antennas. Optica, 2016, 3, 339.	4.8	162
39	All-optical nonlinear activation function for photonic neural networks [Invited]. Optical Materials Express, 2018, 8, 3851.	1.6	162
40	Tunable magnetic response of metamaterials. Applied Physics Letters, 2009, 95, 033115.	1.5	154
41	Negative refractive index in optics of metal-dielectric composites. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 423.	0.9	149
42	Naturally hyperbolic. Nature Photonics, 2015, 9, 214-216.	15.6	147
43	Machine-learning-assisted metasurface design for high-efficiency thermal emitter optimization. Applied Physics Reviews, 2020, 7, .	5.5	147
44	Yellow-light negative-index metamaterials. Optics Letters, 2009, 34, 3478.	1.7	146
45	Roadmap on metasurfaces. Journal of Optics (United Kingdom), 2019, 21, 073002.	1.0	146
46	Subâ€wavelength interference pattern from volume plasmon polaritons in a hyperbolic medium. Laser and Photonics Reviews, 2013, 7, 265-271.	4.4	144
47	Temperature-Dependent Optical Properties of Plasmonic Titanium Nitride Thin Films. ACS Photonics, 2017, 4, 1413-1420.	3.2	143
48	Lead Halide Perovskite Nanostructures for Dynamic Color Display. ACS Nano, 2018, 12, 8847-8854.	7.3	142
49	Photonic spin Hall effect in gap–plasmon metasurfaces for on-chip chiroptical spectroscopy. Optica, 2015, 2, 860.	4.8	141
50	Temperature-dependent optical properties of gold thin films. Optical Materials Express, 2016, 6, 2776.	1.6	141
51	Gold Nanorod Arrays as Plasmonic Cavity Resonators. ACS Nano, 2008, 2, 2569-2576.	7.3	138
52	Colors with plasmonic nanostructures: A full-spectrum review. Applied Physics Reviews, 2019, 6, .	5.5	136
53	Performance analysis of nitride alternative plasmonic materials for localized surface plasmon applications. Applied Physics B: Lasers and Optics, 2012, 107, 285-291.	1.1	132
54	Plasmonic nanoantenna arrays for the visible. Metamaterials, 2008, 2, 45-51.	2.2	131

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55	Loss-compensated and active hyperbolic metamaterials. Optics Express, 2011, 19, 25242.	1.7	126
56	Tunable optical negative-index metamaterials employing anisotropic liquid crystals. Applied Physics Letters, 2007, 91, .	1.5	125
57	Material platforms for optical metasurfaces. Nanophotonics, 2018, 7, 959-987.	2.9	122
58	Ultrabright Room-Temperature Sub-Nanosecond Emission from Single Nitrogen-Vacancy Centers Coupled to Nanopatch Antennas. Nano Letters, 2018, 18, 4837-4844.	4.5	121
59	Negative-Index Metamaterials: Going Optical. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 1106-1115.	1.9	117
60	Nanoantenna array-induced fluorescence enhancement and reduced lifetimes. New Journal of Physics, 2008, 10, 125022.	1.2	112
61	Experimental verification of an optical negative-index material. Laser Physics Letters, 2006, 3, 49-55.	0.6	110
62	Optically Active Metasurface with Non-Chiral Plasmonic Nanoantennas. Nano Letters, 2014, 14, 4426-4431.	4.5	108
63	Enhanced Graphene Photodetector with Fractal Metasurface. Nano Letters, 2017, 17, 57-62.	4.5	106
64	Negative index metamaterial combining magnetic resonators with metal films. Optics Express, 2006, 14, 7872.	1.7	104
65	Solar-Powered Plasmon-Enhanced Heterogeneous Catalysis. Nanophotonics, 2016, 5, 112-133.	2.9	102
66	Colloidal Plasmonic Titanium Nitride Nanoparticles: Properties and Applications. Nanophotonics, 2015, 4, 269-276.	2.9	100
67	Ultrathin and multicolour optical cavities with embedded metasurfaces. Nature Communications, 2018, 9, 2673.	5.8	97
68	Enhancement of single‑photon emission from nitrogen‑vacancy centers with TiN/(Al,Sc)N hyperbolic metamaterial. Laser and Photonics Reviews, 2015, 9, 120-127.	4.4	93
69	Plasmonics on the slope of enlightenment: the role of transition metal nitrides. Faraday Discussions, 2015, 178, 71-86.	1.6	92
70	Material parameter retrieval procedure for general bi-isotropic metamaterials and its application to optical chiral negative-index metamaterial design. Optics Express, 2008, 16, 11822.	1.7	87
71	Holey-Metal Lenses: Sieving Single Modes with Proper Phases. Nano Letters, 2013, 13, 159-163.	4.5	84
72	Metal nanoslit lenses with polarization-selective design. Optics Letters, 2011, 36, 451.	1.7	78

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73	Transformation optics and metamaterials. Physics-Uspekhi, 2011, 54, 53-63.	0.8	76
74	Machine learning–assisted global optimization of photonic devices. Nanophotonics, 2020, 10, 371-383.	2.9	74
75	Near-field excitation of nanoantenna resonance. Optics Express, 2007, 15, 13682.	1.7	72
76	Highly directional spaser array for the red wavelength region. Laser and Photonics Reviews, 2014, 8, 896-903.	4.4	69
77	Broadband enhancement of spontaneous emission from nitrogen-vacancy centers in nanodiamonds by hyperbolic metamaterials. Applied Physics Letters, 2013, 102, 173114.	1.5	68
78	Evolution of photonic metasurfaces: from static to dynamic. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 501.	0.9	68
79	Frequency-domain simulations of a negative-index material with embedded gain. Optics Express, 2009, 17, 24060.	1.7	67
80	Graphene: A Dynamic Platform for Electrical Control of Plasmonic Resonance. Nanophotonics, 2015, 4, 214-223.	2.9	67
81	Near-infrared metamaterials with dual-band negative-index characteristics. Optics Express, 2007, 15, 1647.	1.7	64
82	Quasi-coherent thermal emitter based on refractory plasmonic materials. Optical Materials Express, 2015, 5, 2721.	1.6	64
83	Effect of metallic and hyperbolic metamaterial surfaces on electric and magnetic dipole emission transitions. Applied Physics B: Lasers and Optics, 2011, 103, 553-558.	1.1	63
84	Nanolasers Enabled by Metallic Nanoparticles: From Spasers to Random Lasers. Laser and Photonics Reviews, 2017, 11, 1700212.	4.4	63
85	Transformation optics: approaching broadband electromagnetic cloaking. New Journal of Physics, 2008, 10, 115029.	1.2	61
86	Temperature-Dependent Optical Properties of Single Crystalline and Polycrystalline Silver Thin Films. ACS Photonics, 2017, 4, 1083-1091.	3.2	60
87	Experimental observation of the trapped rainbow. Applied Physics Letters, 2010, 96, 211121.	1.5	59
88	Finite-width plasmonic waveguides with hyperbolic multilayer cladding. Optics Express, 2015, 23, 9681.	1.7	58
89	Pancharatnam–Berry Phase Manipulating Metasurface for Visible Color Hologram Based on Low Loss Silver Thin Film. Advanced Optical Materials, 2017, 5, 1700196.	3.6	58
90	Ultrafast quantum photonics enabled by coupling plasmonic nanocavities to strongly radiative antennas. Optica, 2020, 7, 463.	4.8	58

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91	Plasmonic waveguides cladded by hyperbolic metamaterials. Optics Letters, 2014, 39, 4663.	1.7	56
92	Controlling the Polarization State of Light with Plasmonic Metal Oxide Metasurface. ACS Nano, 2016, 10, 9326-9333.	7.3	56
93	Enhancing the graphene photocurrent using surface plasmons and a p-n junction. Light: Science and Applications, 2020, 9, 126.	7.7	56
94	Enabling Optical Steganography, Data Storage, and Encryption with Plasmonic Colors. Laser and Photonics Reviews, 2021, 15, 2000343.	4.4	56
95	Unidirectional Spaser in Symmetry-Broken Plasmonic Core-Shell Nanocavity. Scientific Reports, 2013, 3, 1241.	1.6	55
96	Optical Dispersion Models for Time-Domain Modeling of Metal-Dielectric Nanostructures. IEEE Transactions on Magnetics, 2011, 47, 1150-1153.	1.2	53
97	Maxwell fish-eye and Eaton lenses emulated by microdroplets. Optics Letters, 2010, 35, 3396.	1.7	52
98	Single and Multiâ€Mode Directional Lasing from Arrays of Dielectric Nanoresonators. Laser and Photonics Reviews, 2021, 15, 2000411.	4.4	51
99	Ultrathin, ultrasmooth, and low-loss silver films via wetting and annealing. Applied Physics Letters, 2010, 97, .	1.5	49
100	Lasing Action with Gold Nanorod Hyperbolic Metamaterials. ACS Photonics, 2017, 4, 674-680.	3.2	49
101	Cylinder light concentrator and absorber: theoretical description. Optics Express, 2010, 18, 16646.	1.7	48
102	Long-range plasmonic waveguides with hyperbolic cladding. Optics Express, 2015, 23, 31109.	1.7	48
103	Dynamic Control of Nanocavities with Tunable Metal Oxides. Nano Letters, 2018, 18, 740-746.	4.5	48
104	FDTD modeling of realistic semicontinuous metal films. Applied Physics B: Lasers and Optics, 2010, 100, 159-168.	1.1	47
105	High-Resolution Large-Ensemble Nanoparticle Trapping with Multifunctional Thermoplasmonic Nanohole Metasurface. ACS Nano, 2018, 12, 5376-5384.	7.3	47
106	Zinc Oxide Based Plasmonic Multilayer Resonator: Localized and Gap Surface Plasmon in the Infrared. ACS Photonics, 2015, 2, 1224-1230.	3.2	45
107	Plasmonic Titanium Nitride Nanostructures via Nitridation of Nanopatterned Titanium Dioxide. Advanced Optical Materials, 2017, 5, 1600717.	3.6	42
108	Power deposition inside a phantom for testing of MRI heating. IEEE Transactions on Magnetics, 2005, 41, 4185-4187.	1.2	41

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109	Plasmon resonance in multilayer graphene nanoribbons. Laser and Photonics Reviews, 2015, 9, 650-655.	4.4	39
110	Metasurface perfect absorber based on guided resonance of a photonic hypercrystal. Physical Review B, 2016, 94, .	1.1	39
111	Heating near implanted medical devices by the MRI RF-magnetic field. IEEE Transactions on Magnetics, 1999, 35, 4133-4135.	1.2	38
112	Interactions of magnetic resonance imaging radio frequency magnetic fields with elongated medical implants. Journal of Applied Physics, 2000, 87, 6188-6190.	1.1	37
113	On-Chip Hybrid Photonic-Plasmonic Waveguides with Ultrathin Titanium Nitride Films. ACS Photonics, 2018, 5, 4423-4431.	3.2	36
114	Fabrication and realistic modeling of three-dimensional metal-dielectric composites. Journal of Nanophotonics, 2011, 5, 051513.	0.4	35
115	Surface-plasmon opto-magnetic field enhancement for all-optical magnetization switching. Optical Materials Express, 2017, 7, 4316.	1.6	35
116	Achieving full-color generation with polarization-tunable perfect light absorption. Optical Materials Express, 2019, 9, 779.	1.6	35
117	Optical Metamagnetism and Negative-Index Metamaterials. MRS Bulletin, 2008, 33, 921-926.	1.7	34
118	Spatial and Temporal Nanoscale Plasmonic Heating Quantified by Thermoreflectance. Nano Letters, 2019, 19, 3796-3803.	4.5	28
119	Stochastic optimization of low-loss optical negative-index metamaterial. Journal of the Optical Society of America B: Optical Physics, 2007, 24, A34.	0.9	27
120	Rapid Classification of Quantum Sources Enabled by Machine Learning. Advanced Quantum Technologies, 2020, 3, 2000067.	1.8	27
121	Materializing a binary hyperlens design. Applied Physics Letters, 2009, 94, .	1.5	26
122	Spasers with retardation and gain saturation: electrodynamic description of fields and optical cross-sections. Optical Materials Express, 2015, 5, 2546.	1.6	26
123	Adiabatically Tapered Hyperbolic Metamaterials for Dispersion Control of High- <b>k</b> Waves. Nano Letters, 2015, 15, 498-505.	4.5	26
124	Enhancing sensitivity to ambient refractive index with tunable few-layer graphene/hBN nanoribbons. Photonics Research, 2019, 7, 815.	3.4	26
125	Bianisotropic Effective Parameters of Optical Metamagnetics and Negative-Index Materials. Proceedings of the IEEE, 2011, 99, 1691-1700.	16.4	25
126	Translation of nanoantenna hot spots by a metal-dielectric composite superlens. Applied Physics Letters, 2009, 95, 033114.	1.5	23

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127	Controlling the wave focal structure of metallic nanoslit lenses with liquid crystals. Laser Physics Letters, 2011, 8, 828-832.	0.6	23
128	Homogenization of bi-anisotropic metasurfaces. Optics Express, 2013, 21, 21941.	1.7	23
129	Lithography-Free Plasmonic Color Printing with Femtosecond Laser on Semicontinuous Silver Films. ACS Photonics, 2021, 8, 521-530.	3.2	21
130	Artificial Synapse with Mnemonic Functionality using CSST-based Photonic Integrated Memory. , 2020, ,		21
131	Second harmonic generation with plasmonic metasurfaces: direct comparison of electric and magnetic resonances. Optical Materials Express, 2015, 5, 2682.	1.6	20
132	Extraordinarily large permittivity modulation in zinc oxide for dynamic nanophotonics. Materials Today, 2021, 43, 27-36.	8.3	20
133	Method for detection of broken bars in induction motors. IEEE Transactions on Magnetics, 2000, 36, 3608-3610.	1.2	17
134	The validation of the parallel three-dimensional solver for analysis of optical plasmonic bi-periodic multilayer nanostructures. Applied Physics A: Materials Science and Processing, 2010, 100, 365-374.	1.1	17
135	Photonic topological phase transition on demand. Nanophotonics, 2019, 8, 1349-1356.	2.9	17
136	Diffractive nanoslit lenses for subwavelength focusing. Optics Communications, 2012, 285, 3368-3372.	1.0	16
137	A high-order accurate scheme for Maxwell's equations with a generalized dispersive material model. Journal of Computational Physics, 2019, 378, 411-444.	1.9	16
138	Experimental retrieval of the kinetic parameters of a dye in a solid film. Optics Express, 2011, 19, 18253.	1.7	15
139	Numerical Modeling of Plasmonic Nanoantennas with Realistic 3D Roughness and Distortion. Sensors, 2011, 11, 7178-7187.	2.1	15
140	Time-domain dynamics of saturation of absorption using multilevel atomic systems. Optical Materials Express, 2018, 8, 3829.	1.6	15
141	Fabrication and optical characterizations of smooth silver-silica nanocomposite films. Laser Physics Letters, 2010, 7, 677-684.	0.6	14
142	Experimental verification of two-dimensional spatial harmonic analysis at oblique light incidence. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2465.	0.9	14
143	Designing optimal nanofocusing with a gradient hyperlens. Nanophotonics, 2017, 7, 479-487.	2.9	14
144	Machine learning framework for quantum sampling of highly constrained, continuous optimization problems. Applied Physics Reviews, 2021, 8, .	5.5	14

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145	Multipole analysis of an elongated magnetic source by a cylindrical sensor array. IEEE Transactions on Magnetics, 2002, 38, 2465-2467.	1.2	13
146	Simplified model for periodic nanoantennae: linear model and inverse design. Optics Express, 2009, 17, 11607.	1.7	13
147	Tuning Topology of Photonic Systems with Transparent Conducting Oxides. ACS Photonics, 2019, 6, 1922-1930.	3.2	13
148	Efficient Topology-Optimized Couplers for On-Chip Single-Photon Sources. ACS Photonics, 2021, 8, 3061-3068.	3.2	13
149	Continuous-discontinuous Galerkin time domain (CDGTD) method with generalized dispersive material (GDM) model for computational photonics. Optics Express, 2018, 26, 29005.	1.7	13
150	Laser-induced color printing on semicontinuous silver films: red, green and blue. Optical Materials Express, 2019, 9, 1528.	1.6	13
151	Multipole imaging of an elongated magnetic source. IEEE Transactions on Magnetics, 2000, 36, 3108-3111.	1.2	12
152	Efficient simulation of non-linear effects in 2D optical nanostructures to TM waves. Optics Communications, 2010, 283, 1628-1632.	1.0	12
153	Near field enhancement in silver nanoantenna-superlens systems. Applied Physics Letters, 2012, 101, 021109.	1.5	11
154	Engineered nonlinear materials using gold nanoantenna array. Scientific Reports, 2018, 8, 780.	1.6	11
155	Remote Sensing of High Temperatures with Refractory, Direct-Contact Optical Metacavity. ACS Photonics, 2020, 7, 472-479.	3.2	11
156	A high-order accurate scheme for Maxwell's equations with a Generalized Dispersive Material (GDM) model and material interfaces. Journal of Computational Physics, 2020, 412, 109424.	1.9	11
157	Plasmonic metasurfaces for subtractive color filtering: optimized nonlinear regression models. Optics Letters, 2018, 43, 4815.	1.7	11
158	Titanium nitride as a plasmonic material for visible and near-infrared wavelengths [erratum]. Optical Materials Express, 2013, 3, 1658.	1.6	10
159	Time-domain dynamics of reverse saturable absorbers with application to plasmon-enhanced optical limiters. Nanophotonics, 2018, 8, 145-151.	2.9	10
160	Comment on "Negative refractive index in artificial metamaterials". Optics Letters, 2007, 32, 1510.	1.7	9
161	Frequency-domain modeling of TM wave propagation in optical nanostructures with a third-order nonlinear response. Optics Letters, 2009, 34, 3364.	1.7	9
162	Exploring Timeâ€Resolved Multiphysics of Active Plasmonic Systems with Experimentâ€Based Gain Models. Laser and Photonics Reviews, 2019, 13, 1800071.	4.4	9

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163	On-Chip Single-Layer Integration of Diamond Spins with Microwave and Plasmonic Channels. ACS Photonics, 2020, 7, 2018-2026.	3.2	9
164	Coupling effect in a near-field object–superlens system. Applied Physics A: Materials Science and Processing, 2012, 107, 83-88.	1.1	8
165	Trapped rainbow techniques for spectroscopy on a chip and fluorescence enhancement. Applied Physics B: Lasers and Optics, 2012, 106, 577-581.	1.1	8
166	Power Balance and Temperature in Optically Pumped Spasers and Nanolasers. ACS Photonics, 2018, 5, 3695-3703.	3.2	8
167	Chip ompatible Quantum Plasmonic Launcher. Advanced Optical Materials, 2020, 8, 2000889.	3.6	8
168	Optimizing Startshot Lightsail Design: A Generative Network-Based Approach. ACS Photonics, 2022, 9, 190-196.	3.2	8
169	Modeling nonlinear effects in 2D optical metamagnetics. Metamaterials, 2010, 4, 77-82.	2.2	7
170	Broadband Transformation Optics Devices. Materials, 2010, 3, 4793-4810.	1.3	7
171	Expanding the theory of circular omnidirectional light concentrators to elliptic and spheroidal designs. Journal of Optics (United Kingdom), 2016, 18, 044014.	1.0	7
172	Modulating phase by metasurfaces with gated ultra-thin TiN films. Nanoscale, 2019, 11, 11167-11172.	2.8	7
173	GSST-based photonic memory multilevel perceptron. , 2020, , .		7
174	Enhanced absorption and photoluminescence from dye-containing thin polymer film on plasmonic array. Optics Express, 2019, 27, 5083.	1.7	7
175	Intelligent edge processing with photonic multilevel memory. , 2020, , .		7
176	Light propagation through random hyperbolic media. Optics Letters, 2013, 38, 971.	1.7	6
177	Photonic Time-Crystals and Momentum Band-Gaps. , 2016, , .		6
178	Gaussian dispersion analysis in the time domain: Efficient conversion with Padé approximants. Computer Physics Communications, 2022, 279, 108413.	3.0	6
179	Fast spheroidal multipole imaging of elementary magnetic sources on the axis. Journal of Applied Physics, 2001, 89, 6716-6718.	1.1	5
180	Multipole Characterization of a Magnetic Source Using a Truncated SVD. IEEE Transactions on Magnetics, 2004, 40, 2176-2178.	1.2	5

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181	Application of Spheroidal Functions in Magnetostatics. IEEE Transactions on Magnetics, 2004, 40, 846-849.	1.2	5
182	Direct measurement of group delay dispersion in metamagnetics for ultrafast pulse shaping. Optics Express, 2012, 20, 23082.	1.7	5
183	Efficient time-domain model of the graphene dielectric function. , 2013, , .		5
184	Time-domain modeling of silver nanowires-graphene transparent conducting electrodes. Proceedings of SPIE, 2013, , .	0.8	5
185	Numerical modeling of active plasmonic metamaterials. Proceedings of SPIE, 2011, , .	0.8	4
186	Electrically Tunable Plasmonic Resonances with Graphene. , 2012, , .		4
187	Experimental validation of a new bianisotropic parameter retrieval technique using plasmonic metasurfaces made of V-shape antennas. , 2013, , .		4
188	Computationally Efficient Surface Conductivity Graphene Model for Active Metadevices. IEEE Transactions on Antennas and Propagation, 2020, 68, 1825-1835.	3.1	4
189	Artificial Synapse with Mnemonic Functionality using GSST-based Photonic Integrated Memory. Applied Computational Electromagnetics Society Journal, 2021, 35, 1447-1449.	0.4	4
190	Machine-learning-assisted topology optimization for highly efficient thermal emitter design. , 2019, , .		4
191	Zinc oxide (ZnO) hybrid metasurfaces exhibiting broadly tunable topological properties. Nanophotonics, 2022, .	2.9	4
192	Effect of noise and localization error of magnetic field sensors on the characterization of complex sources. Journal of Applied Physics, 2002, 91, 8891.	1.1	3
193	Spatial harmonic analysis of fem results in magnetostatics. IEEE Transactions on Magnetics, 2003, 39, 3034-3036.	1.2	3
194	Metal nanoslit lenses with polarization-selective design: erratum. Optics Letters, 2011, 36, 1244.	1.7	3
195	Fast Eigensolver for Plasmonic Metasurfaces. Optical Materials Express, 2014, 4, 288.	1.6	3
196	Elliptic cylindrical pseudo-optical black hole for omnidirectional light absorber: comment. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 719.	0.9	3
197	Mid-infrared hyperbolic metamaterial based on graphene-dielectric multilayers. , 2015, , .		3
198	Patterned multilayer metamaterial for fast and efficient photon collection from dipolar emitters. Optics Letters, 2017, 42, 3968.	1.7	3

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199	MXenes for Plasmonic and Metamaterial Devices. , 2018, , .		3
200	High-order accurate schemes for Maxwell's equations with nonlinear active media and material interfaces. Journal of Computational Physics, 2022, 456, 111051.	1.9	3
201	Fast magnetic multipole imaging of elementary sources on the disk. Journal of Applied Physics, 2002, 91, 8721.	1.1	2
202	Prediction of the magnetic field beyond a rectangular array of sensors. Journal of Applied Physics, 2003, 93, 7074-7076.	1.1	2
203	Extended multipole image of a nonideal permanent magnet rotor. Journal of Applied Physics, 2003, 93, 8668-8670.	1.1	2
204	From low-loss to lossless optical negative-index materials. , 2006, , .		2
205	Transforming the Field of Physical Optics. Optics and Photonics News, 2009, 20, 38.	0.4	2
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