

Min Qiu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/902235/publications.pdf>

Version: 2024-02-01

380
papers

15,114
citations

16451
64
h-index

23533
111
g-index

384
all docs

384
docs citations

384
times ranked

9738
citing authors

#	ARTICLE	IF	CITATIONS
1	High performance optical absorber based on a plasmonic metamaterial. Applied Physics Letters, 2010, 96, .	3.3	1,071
2	Nearly total absorption of light and heat generation by plasmonic metamaterials. Physical Review B, 2011, 83, .	3.2	440
3	Enhanced Transmission through Periodic Arrays of Subwavelength Holes: The Role of Localized Waveguide Resonances. Physical Review Letters, 2006, 96, 233901.	7.8	344
4	Nanosecond Photothermal Effects in Plasmonic Nanostructures. ACS Nano, 2012, 6, 2550-2557.	14.6	344
5	Ideal Cylindrical Cloak: Perfect but Sensitive to Tiny Perturbations. Physical Review Letters, 2007, 99, 113903.	7.8	335
6	Coupled mode theory analysis of mode-splitting in coupled cavity system. Optics Express, 2010, 18, 8367.	3.4	316
7	Effective index method for heterostructure-slab-waveguide-based two-dimensional photonic crystals. Applied Physics Letters, 2002, 81, 1163-1165.	3.3	308
8	Direct Coupling of Plasmonic and Photonic Nanowires for Hybrid Nanophotonic Components and Circuits. Nano Letters, 2009, 9, 4515-4519.	9.1	301
9	Plasmonic computing of spatial differentiation. Nature Communications, 2017, 8, 15391.	12.8	292
10	Thermal camouflage based on the phase-changing material GST. Light: Science and Applications, 2018, 7, 26.	16.6	255
11	Control over emissivity of zero-static-power thermal emitters based on phase-changing material GST. Light: Science and Applications, 2017, 6, e16194-e16194.	16.6	236
12	Super-reflection and cloaking based on zero index metamaterial. Applied Physics Letters, 2010, 96, .	3.3	226
13	Generalized Spatial Differentiation from the Spin Hall Effect of Light and Its Application in Image Processing of Edge Detection. Physical Review Applied, 2019, 11, .	3.8	198
14	High-temperature infrared camouflage with efficient thermal management. Light: Science and Applications, 2020, 9, 60.	16.6	187
15	Multispectral camouflage for infrared, visible, lasers and microwave with radiative cooling. Nature Communications, 2021, 12, 1805.	12.8	184
16	Small-volume waveguide-section high Q microcavities in 2D photonic crystal slabs. Optics Express, 2004, 12, 3988.	3.4	183
17	Dynamic Thermal Emission Control Based on Ultrathin Plasmonic Metamaterials Including Phase-Change Material GST. Laser and Photonics Reviews, 2017, 11, 1700091.	8.7	180
18	Compact optical temporal differentiator based on silicon microring resonator. Optics Express, 2008, 16, 15880.	3.4	176

#	ARTICLE	IF	CITATIONS
19	Design of a channel drop filter in a two-dimensional triangular photonic crystal. Applied Physics Letters, 2003, 83, 1074-1076.	3.3	167
20	Multi-band middle-infrared-compatible camouflage with thermal management via simple photonic structures. Nano Energy, 2020, 69, 104449.	16.0	164
21	Optimized grating as an ultra-narrow band absorber or plasmonic sensor. Optics Letters, 2014, 39, 1137.	3.3	162
22	Active control of anapole states by structuring the phase-change alloy Ge ₂ Sb ₂ Te ₅ . Nature Communications, 2019, 10, 396.	12.8	162
23	Resonator channel drop filters in a plasmon-polaritons metal. Optics Express, 2006, 14, 2932.	3.4	161
24	Cylindrical Invisibility Cloak with Simplified Material Parameters is Inherently Visible. Physical Review Letters, 2007, 99, 233901.	7.8	143
25	Optical metamaterial for polarization control. Physical Review A, 2009, 80, .	2.5	141
26	High-Q All-Dielectric Metasurface: Super and Suppressed Optical Absorption. ACS Photonics, 2020, 7, 1436-1443.	6.6	137
27	Broadband coupler between silicon waveguide and hybrid plasmonic waveguide. Optics Express, 2010, 18, 13173.	3.4	136
28	Broadband high-efficiency surface-plasmon-polariton coupler with silicon-metal interface. Applied Physics Letters, 2009, 95, .	3.3	129
29	Broadband optical absorption based on single-sized metal-dielectric-metal plasmonic nanostructures with high- μ metals. Applied Physics Letters, 2017, 110, .	3.3	128
30	Outdoor Personal Thermal Management with Simultaneous Electricity Generation. Nano Letters, 2021, 21, 3879-3886.	9.1	124
31	Engineering Optical Absorption in Graphene and Other 2D Materials: Advances and Applications. Advanced Optical Materials, 2019, 7, 1900595.	7.3	123
32	Cylindrical superlens by a coordinate transformation. Physical Review B, 2008, 78, .	3.2	121
33	A nonorthogonal finite-difference time-domain method for computing the band structure of a two-dimensional photonic crystal with dielectric and metallic inclusions. Journal of Applied Physics, 2000, 87, 8268-8275.	2.5	108
34	Photothermal reshaping of gold nanoparticles in a plasmonic absorber. Optics Express, 2011, 19, 14726.	3.4	108
35	Dielectric metalens for miniaturized imaging systems: progress and challenges. Light: Science and Applications, 2022, 11, .	16.6	108
36	Numerical method for computing defect modes in two-dimensional photonic crystals with dielectric or metallic inclusions. Physical Review B, 2000, 61, 12871-12876.	3.2	106

#	ARTICLE	IF	CITATIONS
37	Multimode directionality in all-dielectric metasurfaces. Physical Review B, 2017, 95, .	3.2	106
38	Resonance-splitting and enhanced notch depth in SOI ring resonators with mutual mode coupling. Optics Express, 2008, 16, 4621.	3.4	105
39	An ultra-thin colored textile with simultaneous solar and passive heating abilities. Nano Energy, 2019, 65, 103998.	16.0	103
40	Spatially Resolved Dynamically Reconfigurable Multilevel Control of Thermal Emission. Laser and Photonics Reviews, 2020, 14, 1900162.	8.7	103
41	Ultra-narrow-band light dissipation by a stack of lamellar silver and alumina. Applied Physics Letters, 2014, 104, .	3.3	100
42	Influence of the surface termination to the point imaging by a photonic crystal slab with negative refraction. Applied Physics Letters, 2004, 85, 4269.	3.3	98
43	Spatially and Spectrally Resolved Narrowband Optical Absorber Based on 2D Grating Nanostructures on Metallic Films. Advanced Optical Materials, 2016, 4, 480-486.	7.3	94
44	A Tunable Broadband Photonic RF Phase Shifter Based on a Silicon Microring Resonator. IEEE Photonics Technology Letters, 2009, 21, 60-62.	2.5	92
45	Large complete band gap in two-dimensional photonic crystals with elliptic air holes. Physical Review B, 1999, 60, 10610-10612.	3.2	91
46	Compact in-plane channel drop filter design using a single cavity with two degenerate modes in 2D photonic crystal slabs. Optics Express, 2005, 13, 2596.	3.4	90
47	Analysis of guided modes in photonic crystal fibers using the finite-difference time-domain method. Microwave and Optical Technology Letters, 2001, 30, 327-330.	1.4	89
48	Light-Induced Pulling and Pushing by the Synergic Effect of Optical Force and Photophoretic Force. Physical Review Letters, 2017, 118, 043601.	7.8	86
49	Migrating Knowledge between Physical Scenarios Based on Artificial Neural Networks. ACS Photonics, 2019, 6, 1168-1174.	6.6	85
50	Revealing Strong Plasmon-Exciton Coupling between Nanogap Resonators and Two-Dimensional Semiconductors at Ambient Conditions. Physical Review Letters, 2020, 124, 063902.	7.8	85
51	Coordinate transformations make perfect invisibility cloaks with arbitrary shape. New Journal of Physics, 2008, 10, 043040.	2.9	84
52	Photonic crystal optical filter based on contra-directional waveguide coupling. Applied Physics Letters, 2003, 83, 5121-5123.	3.3	81
53	Guided plasmon polariton at 2D metal corners. Journal of the Optical Society of America B: Optical Physics, 2007, 24, 2333.	2.1	81
54	Scattering characteristics of simplified cylindrical invisibility cloaks. Optics Express, 2007, 15, 17772.	3.4	81

#	ARTICLE	IF	CITATIONS
55	Polarization-sensitive perfect absorbers at near-infrared wavelengths. Optics Express, 2013, 21, A111.	3.4	81
56	Radiation losses in planar photonic crystals: two-dimensional representation of hole depth and shape by an imaginary dielectric constant. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 469.	2.1	79
57	Coupled-mode analysis of a resonant channel drop filter using waveguides with mirror boundaries. Journal of the Optical Society of America B: Optical Physics, 2006, 23, 104.	2.1	77
58	Dielectric super-absorbing metasurfaces via PT symmetry breaking. Optica, 2021, 8, 1290.	9.3	75
59	Asymmetric plasmonic-dielectric coupler with short coupling length, high extinction ratio, and low insertion loss. Optics Letters, 2010, 35, 3153.	3.3	74
60	Photonic Crystals—A Step towards Integrated Circuits for Photonics. ChemPhysChem, 2004, 5, 1268-1283.	2.1	72
61	Thermionic energy conversion for concentrating solar power. Applied Energy, 2017, 208, 1318-1342.	10.1	72
62	Nonvolatile Optically Reconfigurable Radiative Metasurface with Visible Tunability for Anticounterfeiting. Nano Letters, 2021, 21, 5269-5276.	9.1	72
63	Shape-dependent absorption characteristics of three-layered metamaterial absorbers at near-infrared. Journal of Applied Physics, 2011, 109, .	2.5	71
64	Near-Infrared Super-Absorbing All-Dielectric Metasurface Based on Single-Layer Germanium Nanostructures. Laser and Photonics Reviews, 2018, 12, 1800076.	8.7	70
65	Optical study of two-dimensional InP-based photonic crystals by internal light source technique. IEEE Journal of Quantum Electronics, 2002, 38, 786-799.	1.9	68
66	Near-infrared broadband absorber with film-coupled multilayer nanorods. Optics Letters, 2013, 38, 2247.	3.3	68
67	Broadband nanophotonic wireless links and networks using on-chip integrated plasmonic antennas. Scientific Reports, 2016, 6, 19490.	3.3	67
68	Optimal design of a two-dimensional photonic crystal of square lattice with a large complete two-dimensional bandgap. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 1027.	2.1	64
69	System performance of slow-light buffering and storage in silicon nano-waveguide. , 2007, 6783, 695.		63
70	High-directivity patch antenna with both photonic bandgap substrate and photonic bandgap cover. Microwave and Optical Technology Letters, 2001, 30, 41-44.	1.4	62
71	A plasmon ruler based on nanoscale photothermal effect. Optics Express, 2013, 21, 172.	3.4	62
72	Slow electromagnetic wave guided in subwavelength region along one-dimensional periodically structured metal surface. Applied Physics Letters, 2007, 90, 201906.	3.3	61

#	ARTICLE	IF	CITATIONS
73	Mode Modification of Plasmonic Gap Resonances Induced by Strong Coupling with Molecular Excitons. Nano Letters, 2017, 17, 3246-3251.	9.1	60
74	Color-preserving passive radiative cooling for an actively temperature-regulated enclosure. Light: Science and Applications, 2022, 11, 122.	16.6	56
75	Fast light in silicon ring resonator with resonance-splitting. Optics Express, 2009, 17, 933.	3.4	55
76	Plasmonic wave propagation in silver nanowires: guiding modes or not?. Optics Express, 2013, 21, 8587.	3.4	54
77	Models and measurements for the transmission of submicron-width waveguide bends defined in two-dimensional photonic crystals. IEEE Journal of Quantum Electronics, 2002, 38, 770-785.	1.9	52
78	Photonic band structures for surface waves on structured metal surfaces. Optics Express, 2005, 13, 7583.	3.4	52
79	Wavelength-tunable mid-infrared thermal emitters with a non-volatile phase changing material. Nanoscale, 2018, 10, 4415-4420.	5.6	51
80	Optically Tunable Delay Line in Silicon Microring Resonator Based on Thermal Nonlinear Effect. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 706-712.	2.9	50
81	Coupling between plane waves and Bloch waves in photonic crystals with negative refraction. Physical Review B, 2005, 71, .	3.2	49
82	Dense wavelength conversion and multicasting in a resonance-split silicon microring. Applied Physics Letters, 2008, 93, .	3.3	47
83	Three-Dimensional in Situ Electron-Beam Lithography Using Water Ice. Nano Letters, 2018, 18, 5036-5041.	9.1	46
84	Nanowaveguides and couplers based on hybrid plasmonic modes. Applied Physics Letters, 2010, 97, .	3.3	45
85	Tailoring unidirectional angular radiation through multipolar interference in a single-element subwavelength all-dielectric stair-like nanoantenna. Nanoscale, 2016, 8, 4047-4053.	5.6	45
86	Guided modes in a two-dimensional metallic photonic crystal waveguide. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 266, 425-429.	2.1	44
87	Endface reflectivities of optical nanowires. Optics Express, 2009, 17, 10881.	3.4	44
88	Modeling bending losses of optical nanofibers or nanowires. Applied Optics, 2009, 48, 4365.	2.1	44
89	Inverse design of an integrated-nanophotonics optical neural network. Science Bulletin, 2020, 65, 1177-1183.	9.0	44
90	Anomalous behavior of nearly-entire visible band manipulated with degenerated image dipole array. Nanoscale, 2014, 6, 12303-12309.	5.6	43

#	ARTICLE	IF	CITATIONS
91	Laser-induced single point nanowelding of silver nanowires. Applied Physics Letters, 2016, 108, .	3.3	43
92	Wavelength and Thermal Distribution Selectable Microbolometers Based on Metamaterial Absorbers. IEEE Photonics Journal, 2015, 7, 1-8.	2.0	41
93	Reconfigurable all-dielectric antenna-based metasurface driven by multipolar resonances. Optics Express, 2018, 26, 23918.	3.4	40
94	Shape Deformation of Nanoresonator: A Quasinormal-Mode Perturbation Theory. Physical Review Letters, 2020, 125, 013901.	7.8	39
95	MEMS inductor fabrication and emerging applications in power electronics and neurotechnologies. Microsystems and Nanoengineering, 2021, 7, 59.	7.0	39
96	Band gap effects in asymmetric photonic crystal slabs. Physical Review B, 2002, 66, .	3.2	38
97	Design of an ultrathin broadband transparent and high-conductive screen using plasmonic nanostructures. Optics Letters, 2012, 37, 4955.	3.3	38
98	Light absorber based on nano-spheres on a substrate reflector. Optics Express, 2013, 21, 6697.	3.4	38
99	Photothermal Enhancement in Core-Shell Structured Plasmonic Nanoparticles. Plasmonics, 2014, 9, 623-630.	3.4	38
100	Identification and control of multiple leaky plasmon modes in silver nanowires. Laser and Photonics Reviews, 2016, 10, 278-286.	8.7	38
101	Ice lithography for 3D nanofabrication. Science Bulletin, 2019, 64, 865-871.	9.0	38
102	Intelligent designs in nanophotonics: from optimization towards inverse creation. PhotonIX, 2021, 2, .	13.5	38
103	Time-domain 2D modeling of slab-waveguide based photonic-crystal devices in the presence of radiation losses. Microwave and Optical Technology Letters, 2002, 34, 387-393.	1.4	37
104	Wave propagation through a photonic crystal in a negative phase refractive-index region. IEEE Journal of Selected Topics in Quantum Electronics, 2003, 9, 106-110.	2.9	37
105	Sensitive label-free and compact biosensor based on concentric silicon-on-insulator microring resonators. Applied Optics, 2009, 48, F90.	2.1	37
106	On-chip optical tweezers based on freeform optics. Optica, 2021, 8, 409.	9.3	37
107	Structurally-tolerant vertical directional coupling between metal-insulator-metal plasmonic waveguide and silicon dielectric waveguide. Optics Express, 2010, 18, 15531.	3.4	36
108	Theoretical realization of robust broadband transparency in ultrathin seamless nanostructures by dual blackbodies for near infrared light. Nanoscale, 2013, 5, 3373.	5.6	36

#	ARTICLE	IF	CITATIONS
109	Ordered Au nanocrystals on a substrate formed by light-induced rapid annealing. <i>Nanoscale</i> , 2014, 6, 1756-1762.	5.6	35
110	A Lattice-Partition Framework of Downlink Non-Orthogonal Multiple Access Without SIC. <i>IEEE Transactions on Communications</i> , 2018, 66, 2532-2546.	7.8	35
111	Surface plasmons interference nanogratings: wafer-scale laser direct structuring in seconds. <i>Light: Science and Applications</i> , 2022, 11, .	16.6	35
112	FDTD algorithm for computing the off-plane band structure in a two-dimensional photonic crystal with dielectric or metallic inclusions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 278, 348-354.	2.1	34
113	Study of transmission properties for waveguide bends by use of a circular photonic crystal. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 340, 474-479.	2.1	34
114	Tunable narrowband mid-infrared thermal emitter with a bilayer cavity enhanced Tamm plasmon. <i>Optics Letters</i> , 2018, 43, 5230.	3.3	34
115	All-optical format conversions from NRZ to BPSK and QPSK based on nonlinear responses in silicon microring resonators. <i>Optics Express</i> , 2007, 15, 14275.	3.4	33
116	Non-magnetic simplified cylindrical cloak with suppressed zeroth order scattering. <i>Applied Physics Letters</i> , 2008, 93, 021909.	3.3	33
117	Efficient coupling between dielectric and hybrid plasmonic waveguides by multimode interference power splitter. <i>Journal of Optics (United Kingdom)</i> , 2011, 13, 075002.	2.2	33
118	Optically controlled local nanosoldering of metal nanowires. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	33
119	Plasmonic Nano-Oven by Concatenation of Multishell Photothermal Enhancement. <i>ACS Nano</i> , 2017, 11, 7915-7924.	14.6	32
120	Circular-polarization-sensitive absorption in refractory metamaterials composed of molybdenum zigzag arrays. <i>Optics Express</i> , 2018, 26, 17772.	3.4	32
121	Nonvolatile tunable silicon-carbide-based midinfrared thermal emitter enabled by phase-changing materials. <i>Optics Letters</i> , 2018, 43, 1295.	3.3	32
122	Modeling endface output patterns of optical micro/nanofibers. <i>Optics Express</i> , 2008, 16, 8887.	3.4	31
123	Invisibility Cloaking by Coordinate Transformation. <i>Progress in Optics</i> , 2009, , 261-304.	0.6	31
124	Double-sided polarization-independent plasmonic absorber at near-infrared region. <i>Optics Express</i> , 2013, 21, 13125.	3.4	31
125	Solvent-Free Nanofabrication Based on Ice-Assisted Electron-Beam Lithography. <i>Nano Letters</i> , 2020, 20, 8841-8846.	9.1	31
126	A full-potential linear-muffin-tin-orbital molecular-dynamics study of the fourteen stable structures for cluster Si ₉ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999, 256, 386-390.	2.1	30

#	ARTICLE	IF	CITATIONS
127	Spatial control of surface plasmon polariton excitation at planar metal surface. Optics Letters, 2014, 39, 3587.	3.3	30
128	Nanoscale Lamb wave-driven motors in nonliquid environments. Science Advances, 2019, 5, eaau8271.	10.3	30
129	Large third-order nonlinear refractive index coefficient based on gold nanoparticle aggregate films. Applied Physics Letters, 2015, 107, .	3.3	29
130	Tunable Valley Polarized Plasmon-Exciton Polaritons in Two-Dimensional Semiconductors. ACS Nano, 2019, 13, 1333-1341.	14.6	29
131	Optical filter based on two-dimensional photonic crystal surface-mode cavity in amorphous silicon-on-silica structure. Applied Physics Letters, 2007, 90, 041108.	3.3	28
132	Reducing crosstalk between nanowire-based hybrid plasmonic waveguides. Optics Communications, 2011, 284, 480-484.	2.1	28
133	Plasmonic sectoral horn nanoantennas. Optics Letters, 2014, 39, 3204.	3.3	28
134	Probing Plasmonic Gap Resonances between Gold Nanorods and a Metallic Surface. Journal of Physical Chemistry C, 2015, 119, 18627-18634.	3.1	28
135	Tunable dual-band thermal emitter consisting of single-sized phase-changing GST nanodisks. Optics Express, 2018, 26, 4279.	3.4	28
136	Downlink Non-Orthogonal Multiple Access Without SIC for Block Fading Channels: An Algebraic Rotation Approach. IEEE Transactions on Wireless Communications, 2019, 18, 3903-3918.	9.2	28
137	Experimental Demonstration of Plasmon Propagation, Coupling, and Splitting in Silver Nanowire at 1550-nm Wavelength. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 1107-1111.	2.9	27
138	Surface waves on the relativistic quantum plasma half-space. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1736-1739.	2.1	27
139	Honeycomb-lattice plasmonic absorbers at NIR: anomalous high-order resonance. Optics Express, 2013, 21, 20873.	3.4	27
140	Metal-insulator-metal plasmonic absorbers: influence of lattice. Optics Express, 2014, 22, 30807.	3.4	27
141	Polarization switching of thermal emissions based on plasmonic structures incorporating phase-changing material $\text{Ge}_{20}\text{Sb}_{20}\text{Te}_{50}$. Optical Materials Express, 2018, 8, 2312.	3.0	27
142	Polarization-Independent Optical Broadband Angular Selectivity. ACS Photonics, 2018, 5, 4125-4131.	6.6	26
143	Atomic switches of metallic point contacts by plasmonic heating. Light: Science and Applications, 2019, 8, 34.	16.6	26
144	Modeling of quasi-grating sidewall corrugation in SOI microring add-drop filters. Optics Communications, 2009, 282, 3464-3467.	2.1	25

#	ARTICLE	IF	CITATIONS
145	Subwavelength hybrid plasmonic nanodisk with high Q factor and Purcell factor. Journal of Optics (United Kingdom), 2011, 13, 075001.	2.2	25
146	Controlling the angular radiation of single emitters using dielectric patch nanoantennas. Applied Physics Letters, 2015, 107, 031109.	3.3	25
147	Controlling fluorescence emission with split-ring resonator-based plasmonic metasurfaces. Laser and Photonics Reviews, 2017, 11, 1600299.	8.7	25
148	Surface-mode microcavity. Applied Physics Letters, 2005, 87, 111102.	3.3	24
149	Photothermal-Induced Nanowelding of Metal-Semiconductor Heterojunction in Integrated Nanowire Units. Advanced Electronic Materials, 2018, 4, 1700614.	5.1	24
150	Lattice-Partition-Based Downlink Non-Orthogonal Multiple Access Without SIC for Slow Fading Channels. IEEE Transactions on Communications, 2019, 67, 1166-1181.	7.8	24
151	All-optical switching of silicon disk resonator based on photothermal effect in metal-insulator-metal absorber. Optics Letters, 2014, 39, 4431.	3.3	23
152	All-dielectric KTiOPO ₄ metasurfaces based on multipolar resonances in the terahertz region. Optics Express, 2017, 25, 24068.	3.4	23
153	Infrared Camouflage Utilizing Ultrathin Flexible Large-Scale High-Temperature-Tolerant Lambertian Surfaces. Laser and Photonics Reviews, 2021, 15, 2000391.	8.7	23
154	Hierarchical visible-infrared-microwave scattering surfaces for multispectral camouflage. Nanophotonics, 2022, 11, 3613-3622.	6.0	23
155	Surface modes in two-dimensional dielectric and metallic photonic band gap structures: a FDTD study. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 282, 85-91.	2.1	22
156	Pulse Delay and Advancement in SOI Microring Resonators With Mutual Mode Coupling. Journal of Lightwave Technology, 2009, 27, 4734-4743.	4.6	22
157	Hybrid photonic-plasmonic molecule based on metal/Si disks. Optics Express, 2013, 21, 11037.	3.4	22
158	Grating-assisted enhanced optical transmission through a seamless gold film. Optics Express, 2014, 22, 5416.	3.4	21
159	Efficient Plasmonic Gas Sensing Based on Cavity-Coupled Metallic Nanoparticles. Journal of Physical Chemistry C, 2017, 121, 24740-24744.	3.1	21
160	Gain-Assisted Plasmon Resonance Narrowing and Its Application in Sensing. Physical Review Applied, 2019, 11, .	3.8	21
161	Whole LWIR Directional Thermal Emission Based on ENZ Thin Films. Laser and Photonics Reviews, 2022, 16, .	8.7	21
162	The adsorption and dissociation of ammonia on small Si clusters surface. Surface Science, 1998, 395, 260-267.	1.9	20

#	ARTICLE	IF	CITATIONS
163	Bandgap control in two-dimensional semiconductors via coherent doping of plasmonic hot electrons. <i>Nature Communications</i> , 2021, 12, 4332.	12.8	20
164	Manipulating light absorption in dye-doped dielectric films on reflecting surfaces. <i>Optics Express</i> , 2014, 22, 25965.	3.4	19
165	Thermodynamic assessment of solar photon-enhanced thermionic conversion. <i>Applied Energy</i> , 2018, 223, 134-145.	10.1	19
166	Manipulate light polarizations with metamaterials: From microwave to visible. <i>Frontiers of Physics in China</i> , 2010, 5, 291-307.	1.0	18
167	Layered metal-dielectric waveguide: subwavelength guidance, leveraged modulation sensitivity in mode index, and reversed mode ordering. <i>Optics Express</i> , 2011, 19, 3818.	3.4	18
168	Ammonia adsorption and saturation on small Si cluster surfaces: a full-potential linear-muffin-tin-orbital molecular-dynamics study. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 245, 430-434.	2.1	17
169	Micro-cavities in silicon-on-insulator photonic crystal slabs: Determining resonant frequencies and quality factors accurately. <i>Microwave and Optical Technology Letters</i> , 2005, 45, 381-385.	1.4	17
170	Remote structuring of near-field landscapes. <i>Science</i> , 2020, 369, 436-440.	12.6	17
171	Monolayer Conveyor for Stably Trapping and Transporting Sub-10 nm Particles. <i>Laser and Photonics Reviews</i> , 2020, 14, 2000030.	8.7	17
172	Design and Analysis of Delayed Bit-Interleaved Coded Modulation With LDPC Codes. <i>IEEE Transactions on Communications</i> , 2021, 69, 3556-3571.	7.8	17
173	The effect of transformation order on the invisibility performance of a practical cylindrical cloak. <i>Journal of Optics</i> , 2008, 10, 095001.	1.5	16
174	Time-resolved photocurrents in quantum well/dot infrared photodetectors with different optical coupling structures. <i>Applied Physics Letters</i> , 2012, 100, 043502.	3.3	16
175	Directional and Spectral Control of Thermal Emission and Its Application in Radiative Cooling and Infrared Light Sources. <i>Physical Review Applied</i> , 2020, 13, .	3.8	16
176	Vertically coupled photonic crystal optical filters. <i>Optics Letters</i> , 2005, 30, 1476.	3.3	15
177	Optical microcavities based on surface modes in two-dimensional photonic crystals and silicon-on-insulator photonic crystals. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 1225.	2.1	15
178	Realization of an extraordinary transmission window for a seamless Ag film based on metal-insulator-metal structures. <i>Applied Physics Letters</i> , 2013, 102, 201109.	3.3	15
179	Photothermally tunable silicon-microring-based optical add-drop filter through integrated light absorber. <i>Optics Express</i> , 2014, 22, 25233.	3.4	15
180	High-Q microcavities realized in a circular photonic crystal slab. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2005, 3, 134-138.	2.0	14

#	ARTICLE	IF	CITATIONS
181	Transmission enhancement based on strong interference in metal-semiconductor layered film for energy harvesting. Scientific Reports, 2016, 6, 29195.	3.3	14
182	Photothermal Switching Based on Silicon Mach-Zehnder Interferometer Integrated With Light Absorber. IEEE Photonics Journal, 2016, 8, 1-10.	2.0	14
183	Plasmonic-enhanced targeted nanohealing of metallic nanostructures. Applied Physics Letters, 2018, 112, .	3.3	14
184	Grayscale-patterned metal-hydrogel-metal microcavity for dynamic multi-color display. Nanophotonics, 2021, 10, 4125-4131.	6.0	14
185	Reconstruction of small Si cluster after ethylene adsorption: A full-potential linear-muffin-tin-orbital molecular-dynamics study. Journal of Chemical Physics, 1999, 110, 10738-10745.	3.0	13
186	Contra-directional coupling between two-dimensional photonic crystal waveguides. Photonics and Nanostructures - Fundamentals and Applications, 2003, 1, 23-30.	2.0	13
187	System Performances of On-Chip Silicon Microring Delay Line for RZ, CSRZ, RZ-DB and RZ-AMI Signals. Journal of Lightwave Technology, 2008, 26, 3744-3751.	4.6	13
188	Generalized nihility media from transformation optics. Journal of Optics (United Kingdom), 2011, 13, 024005.	2.2	13
189	Whispering gallery mode nanodisk resonator based on layered metal-dielectric waveguide. Optics Express, 2014, 22, 8490.	3.4	13
190	Controlling wave-vector of propagating surface plasmon polaritons on single-crystalline gold nanoplates. Scientific Reports, 2015, 5, 13424.	3.3	13
191	Theory of Half-Space Light Absorption Enhancement for Leaky Mode Resonant Nanowires. Nano Letters, 2015, 15, 5513-5518.	9.1	13
192	Study on cooling capacity characteristics of an open-cycle Joule-Thomson cryocooler working at liquid helium temperature. Applied Thermal Engineering, 2020, 166, 114667.	6.0	13
193	Direct electron-beam patterning of monolayer MoS ₂ with ice. Nanoscale, 2020, 12, 22473-22477.	5.6	13
194	Analysis and Design of Partially Information- and Partially Parity-Coupled Turbo Codes. IEEE Transactions on Communications, 2021, 69, 2107-2122.	7.8	13
195	Two-photon direct laser writing of micro Fabry-Perot cavity on single-mode fiber for refractive index sensing. Optics Express, 2022, 30, 25536.	3.4	13
196	The adsorption and dissociation of ammonia on the cluster surface. Journal of Physics Condensed Matter, 1997, 9, 6543-6553.	1.8	12
197	All-Optical Switching Using a Hybrid Plasmonic Donut Resonator With Photothermal Absorber. IEEE Photonics Technology Letters, 2016, 28, 1609-1612.	2.5	12
198	Strongly enhanced molecular fluorescence with ultra-thin optical magnetic mirror metasurfaces. Optics Letters, 2017, 42, 4478.	3.3	12

#	ARTICLE	IF	CITATIONS
199	A theoretical study of surfactant action in the layer-by-layer homoepitaxial growth of metals: the case of In on Cu(111). Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 239, 127-133.	2.1	11
200	Enhanced transmission through arrays of subwavelength holes in gold films coated by a finite dielectric layer. Journal of the European Optical Society-Rapid Publications, 2007, 2, .	1.9	11
201	Feasibility study of nanoscaled optical waveguide based on near-resonant surface plasmon polariton. Optics Express, 2008, 16, 7499.	3.4	11
202	Achieving perfect imaging beyond passive and active obstacles by a transformed bilayer lens. Physical Review B, 2009, 79, .	3.2	11
203	Optical Quality Improvement of Si Photonic Devices Fabricated by Focused-Ion-Beam Milling. Journal of Lightwave Technology, 2009, 27, 4306-4310.	4.6	11
204	Theoretical study of nanophotonic directional couplers comprising near-field-coupled metal nanoparticles. Optics Express, 2011, 19, 7885.	3.4	11
205	Longitudinal Lorentz force on a subwavelength-diameter optical fiber. Physical Review A, 2011, 83, .	2.5	11
206	Sub-wavelength quarter-wave plate based on plasmonic patch antennas. Applied Physics Letters, 2013, 103, .	3.3	11
207	Simultaneous single-peak and narrowband thermal emission enabled by hybrid metal-polar dielectric structures. Applied Physics Letters, 2019, 115, .	3.3	11
208	Micro-scale opto-thermo-mechanical actuation in the dry adhesive regime. Light: Science and Applications, 2021, 10, 193.	16.6	11
209	Narrowband diffuse thermal emitter based on surface phonon polaritons. Nanophotonics, 2022, 11, 4115-4122.	6.0	11
210	Gap maps for triangular photonic crystals with a dispersive and absorbing component. Physical Review B, 2005, 72, .	3.2	10
211	Two-Dimensional Analysis Photothermal Properties in Nanoscale Plasmonic Waveguides for Optical Interconnect. Journal of Lightwave Technology, 2013, 31, 4051-4056.	4.6	10
212	Development of an in-situ nanofabrication instrument for ice lithography. Microelectronic Engineering, 2020, 224, 111251.	2.4	10
213	Effect of photonic bandgap on luminescence from silicon nanocrystals. Optics Letters, 2007, 32, 1878.	3.3	9
214	Analysis of Surface Plasmon Polariton Using Anisotropic Finite Elements. IEEE Photonics Technology Letters, 2007, 19, 1804-1806.	2.5	9
215	Influence of geometrical perturbation at inner boundaries of invisibility cloaks. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2008, 25, 968.	1.5	9
216	Polarization-sensitive perfect absorbers at near-infrared wavelengths: Erratum. Optics Express, 2013, 21, A229.	3.4	9

#	ARTICLE	IF	CITATIONS
217	Optically controllable nanobreaking of metallic nanowires. Applied Physics Letters, 2017, 110, .	3.3	9
218	On the Design of Multi-Dimensional Irregular Repeat-Accumulate Lattice Codes. IEEE Transactions on Communications, 2018, 66, 478-492.	7.8	9
219	Terminated Staircase Codes for NAND Flash Memories. IEEE Transactions on Communications, 2018, 66, 5861-5875.	7.8	9
220	Experimental study on a floating scroll-type compressor driving a precooled JT cryocooler. Applied Thermal Engineering, 2020, 178, 115627.	6.0	9
221	Electron-Beam Irradiation Induced Regulation of Surface Defects in Lead Halide Perovskite Thin Films. Research, 2021, 2021, 9797058.	5.7	9
222	Customizable and highly sensitive 3D micro-springs produced by two-photon polymerizations with improved post-treatment processes. Applied Physics Letters, 2022, 120, .	3.3	9
223	A full-potential linear-muffin-tin-orbital study of water adsorption on and saturation in small Si clusters. Journal of Physics Condensed Matter, 1998, 10, 7743-7750.	1.8	8
224	Theoretical study of the transmission properties of a metallic film with surface corrugations. Journal of Optics, 2007, 9, 348-351.	1.5	8
225	Negative refraction and sub-wavelength imaging through surface waves on structured perfect conductor surfaces. Optics Express, 2006, 14, 6172.	3.4	7
226	Nanoscale Control of Temperature Distribution Using a Plasmonic Trimer. Plasmonics, 2015, 10, 911-918.	3.4	7
227	Gold nanoparticle transfer through photothermal effects in a metamaterial absorber by nanosecond laser. Scientific Reports, 2014, 4, 6080.	3.3	7
228	Two-dimensional optical edge detection. Nature Photonics, 2020, 14, 268-269.	31.4	7
229	Partially Information Coupled Bit-Interleaved Polar Coded Modulation. IEEE Transactions on Communications, 2021, 69, 6409-6423.	7.8	7
230	Influence of structural variations on high-Q microcavities in two-dimensional photonic crystal slabs. Optics Letters, 2005, 30, 1713.	3.3	6
231	Label-free Biosensor Based on Silicon-On-Insulator Concentric Micro-Ring Resonators. , 2008, , .		6
232	Direct characterization of focusing light by negative refraction in a photonic crystal flat lens. Applied Physics Letters, 2008, 93, 191114.	3.3	6
233	Reconfigurable Parallel Plasmonic Transmission Lines With Nanometer Light Localization and Long Propagation Distance. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 4601809-4601809.	2.9	6
234	Sacrificial solder based nanowelding of ZnO nanowires. Journal of Physics: Conference Series, 2016, 680, 012027.	0.4	6

#	ARTICLE	IF	CITATIONS
235	A Two-Stage Beam Alignment Framework for Hybrid MmWave Distributed Antenna Systems. , 2019, , .		6
236	Lithographic properties of amorphous solid water upon exposure to electrons. Applied Surface Science, 2021, 539, 148265.	6.1	6
237	Discrete Signaling and Treating Interference as Noise for the Gaussian Interference Channel. IEEE Transactions on Information Theory, 2021, 67, 7253-7284.	2.4	6
238	Ultrathin High Qualityâ€Factor Planar Absorbers/Emitters Based on Uniaxial/Biaxial Anisotropic van der Waals Polar Crystals. Advanced Optical Materials, 0, , 2100645.	7.3	6
239	Au₈₀Sn₂₀-based targeted noncontact nanosoldering with low power consumption. Optics Letters, 2018, 43, 4989.	3.3	6
240	A theoretical study of adsorption and the surfactant effect of Sb on the Ag(100) surface. Journal of Physics Condensed Matter, 1998, 10, 8653-8659.	1.8	5
241	The influence of the dielectric-air interface on the radiation pattern of an antenna in a metallic photonic bandgap structure in a dielectric host medium. Microwave and Optical Technology Letters, 2000, 26, 367-371.	1.4	5
242	Coupled mode analysis of in-plane channel drop filters with resonant mirrors. Photonics and Nanostructures - Fundamentals and Applications, 2005, 3, 84-89.	2.0	5
243	Design of invisibility cloaks with an open tunnel. Optics Express, 2010, 18, 27060.	3.4	5
244	Plasmonic analog of microstrip transmission line and effect of thermal annealing on its propagation loss. Optics Express, 2013, 21, 1639.	3.4	5
245	Transmission of Infrared Radiation Through Metallic Photonic Crystal Structures. IEEE Photonics Journal, 2013, 5, 4500608-4500608.	2.0	5
246	Photothermal Switching of SOI Waveguide-Based Mach-Zehnder Interferometer with Integrated Plasmonic Nanoheater. Plasmonics, 2014, 9, 1197-1205.	3.4	5
247	Fabrication of controllably variable sub-100â€nm gaps in silver nanowires by photothermal-induced stress. Optics Letters, 2018, 43, 2422.	3.3	5
248	Constructing Metal Arch Nanobridges Utilizing a Photothermalâ€Induced Nanobonding Technique. Advanced Electronic Materials, 2019, 5, 1800807.	5.1	5
249	Density Evolution Analysis of Partially Information Coupled Turbo Codes on the Erasure Channel. , 2019, , .		5
250	Flat photonics for broadband light-trapping. Applied Physics Letters, 2020, 117, .	3.3	5
251	Generalized Spatially Coupled Parallel Concatenated Convolutional Codes With Partial Repetition. , 2021, , .		5
252	Ultra-compact parallel label-free biosensors based on concentric micro-ring resonators in silicon-on-insulator. , 2008, , .		5

#	ARTICLE	IF	CITATIONS
253	Tunable metasurfaces based on phase-change materials. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 154202.	0.5	5
254	Light-Induced In-Plane Rotation of Microobjects on Microfibers. Laser and Photonics Reviews, 2022, 16, .	8.7	5
255	Recording Messages on Nonplanar Objects by Cryogenic Electron-Beam Writing. Advanced Functional Materials, 2022, 32, .	14.9	5
256	An explicit method for the analysis of guided waves in a line-defect channel in a photonic crystal. Microwave and Optical Technology Letters, 2000, 25, 236-240.	1.4	4
257	Interference of signals in parallel waveguides in a two-dimensional photonic crystal. Physica B: Condensed Matter, 2001, 299, 187-193.	2.7	4
258	Optical add/drop filters using two-dimensional photonic crystals. , 2004, 5279, 286.		4
259	Low-loss photonic crystal and monolithic InP integration: bands, bends, lasers, and filters. , 2004, 5360, 119.		4
260	Modelling electromagnetically induced transparency media using the finite-difference time-domain method. New Journal of Physics, 2007, 9, 48-48.	2.9	4
261	Coupled resonator optical waveguide structures with highly dispersive media. Optics Express, 2007, 15, 10362.	3.4	4
262	Generalized compensated bilayer structure from the transformation optics perspective. Journal of the Optical Society of America B: Optical Physics, 2009, 26, B39.	2.1	4
263	High-Q photonic crystal surface-mode cavities on crystalline SOI structures. Optics Communications, 2010, 283, 2461-2464.	2.1	4
264	On the jamming power allocation and signal design in DF relay networks. , 2013, , .		4
265	Chip-Scale Plasmonic Sum Frequency Generation. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	4
266	Windowed Decoding for Delayed Bit-Interleaved Coded Modulation. IEEE Communications Letters, 2021, 25, 3483-3487.	4.1	4
267	Multi-objective thermo-economic optimization of Collins cycle. Energy, 2022, 239, 122269.	8.8	4
268	3D Nanoprinting by Electron-Beam with an Ice Resist. ACS Applied Materials & Interfaces, 2022, 14, 1652-1658.	8.0	4
269	Bifacial omnidirectional and band-tunable light absorption in free-standing core-shell resonators. Applied Physics Letters, 2022, 120, .	3.3	4
270	Theoretical modeling of ice lithography on amorphous solid water. Nanoscale, 2022, 14, 9045-9052.	5.6	4

#	ARTICLE	IF	CITATIONS
271	Photonic crystal waveguides in InP-based heterostructures. , 2002, , .		3
272	Wavelength conversion in a silicon mode-split micro-ring resonator with 1G data rate. , 2008, , .		3
273	Ultra-compact mode-split silicon microring resonator for format conversion from NRZ to FSK. , 2008, , .		3
274	Photonic crystal surface mode microcavities. Frontiers of Physics in China, 2010, 5, 260-265.	1.0	3
275	Theoretical investigation on guiding IR light in hollow-core metallic fiber with corrugated inner surface. Optics Express, 2010, 18, 21959.	3.4	3
276	Manipulation of light with \hat{I}_{\pm} transformation media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 1058.	1.5	3
277	Control of fluorescence enhancement and directionality upon excitations in a thin-film system. Physica Status Solidi (B): Basic Research, 2015, 252, 2222-2229.	1.5	3
278	Irregular Repeat-Accumulate Lattice Network Codes for Two-Way Relay Channels. , 2016, , .		3
279	Light-induced reversible expansion of individual gold nanoplates. AIP Advances, 2017, 7, .	1.3	3
280	Downlink Lattice-Partition-Based Non-Orthogonal Multiple Access without SIC for Slow Fading Channels. , 2018, , .		3
281	Partially Information Coupled Duo-Binary Turbo Codes. , 2020, , .		3
282	Nonlinear Perceptual Color Space Coded by Additive Digital Pulses. Optica, 0, , .	9.3	3
283	Micrometer-scale optical up-converter using a resonance-split silicon microring resonator in radio over fiber systems. , 2009, , .		3
284	Sub-Block Rearranged Staircase Codes. IEEE Transactions on Communications, 2022, 70, 5695-5710.	7.8	3
285	A study of chemical diffusion on a stepped surface by the transition-type-dependent Monte Carlo method. Journal of Physics Condensed Matter, 1996, 8, 4867-4879.	1.8	2
286	An averaged-field approach for obtaining the band structure of a dielectric photonic crystal. Journal of Physics Condensed Matter, 2000, 12, 99-112.	1.8	2
287	Some emerging photonic technologies and their device impact: photonic crystals, plasmonics, and electromagnetically induced transparency (Invited Paper). , 2005, , .		2
288	Doppler effects in a left-handed material: A first-principles theoretical study. Microwave and Optical Technology Letters, 2005, 47, 76-79.	1.4	2

#	ARTICLE	IF	CITATIONS
289	Compact Optical Waveguides Based on Hybrid Index and Surface-Plasmon-Polariton Guidance Mechanisms. Active and Passive Electronic Components, 2007, 2007, 1-7.	0.3	2
290	Metamaterials, Plasmonics, and THz Frequency Photonic Components. Active and Passive Electronic Components, 2007, 2007, 1-2.	0.3	2
291	Optically tuneable microwave-photonic phase shifter based on silicon microring resonator. , 2008, , .		2
292	Engineering modes in optical fibers with metamaterial. Frontiers of Optoelectronics in China, 2009, 2, 153-158.	0.2	2
293	Efficient coupler between silicon waveguide and hybrid plasmonic waveguide. , 2010, , .		2
294	Passive and active plasmonic nanoarray devices. , 2011, , .		2
295	Illumination Dependent Optical Properties of Plasmonic Nanorods Coupled to Thin-Film Cavities. Plasmonics, 2016, 11, 1101-1107.	3.4	2
296	Transfer Learning for Nanophotonics. , 2019, , .		2
297	Downlink NOMA Without SIC for Fast Fading Channels: Lattice Partitions with Algebraic Rotations. , 2019, , .		2
298	Multiuser MISO Broadcast Channels with Imperfect CSI: Discrete Signaling without SIC. , 2019, , .		2
299	Continuously-tunable slow and fast light using silicon microring add-drop filter with mutual mode coupling. , 2009, , .		2
300	Control over Emissivity of Zero-Static-Power Thermal Emitters Based on Phase Changing Material GST. , 2017, , .		2
301	Demonstration of terahertz ferroelectric metasurface using a simple and scalable fabrication method. Optics Express, 2018, 26, 27917.	3.4	2
302	Connecting Spatially Coupled LDPC Code Chains for Bit-Interleaved Coded Modulation. , 2021, , .		2
303	Efficient modal analysis of plasmonic nanoparticles: from retardation to nonclassical regimes. Nanophotonics, 2022, 11, 1887-1895.	6.0	2
304	Relation between chemical surface diffusion coefficient and order of the adsorbate layer. Surface Science, 1997, 374, 350-356.	1.9	1
305	Explicit formulas for obtaining the radiation characteristics of an antenna based on a three-dimensional metallic photonic bandgap structure. Microwave and Optical Technology Letters, 2001, 29, 376-381.	1.4	1
306	Progress in Opto-Electronic Devices. , 2004, , .		1

#	ARTICLE	IF	CITATIONS
307	High-aspect-ratio etching and characterization of 2D photonic crystals in InP/InGaAsP/InP heterostructures. , 2004, , .		1
308	Experimental demonstration of 2D photonic crystal surface cavity in amorphous silicon on silica structure. , 2007, , .		1
309	Subwavelength-Diameter Silica Wire and Photonic Crystal Waveguide Slow Light Coupling. Active and Passive Electronic Components, 2007, 2007, 1-5.	0.3	1
310	Manipulate light polarizations by metamaterials: From microwave to optics. , 2008, , .		1
311	Concentric silicon micro-ring resonators with enhanced transmission notch depth. Proceedings of SPIE, 2008, , .	0.8	1
312	Optical signal processing in silicon nano-waveguides. , 2008, , .		1
313	Slow Light and Signal Processing in Silicon Nano-waveguides. , 2008, , .		1
314	Photothermal direct writing of metallic microstructure for frequency selective surface at terahertz frequencies. , 2012, , .		1
315	Plasmonic devices for optical interconnect. , 2012, , .		1
316	Switchable absorber by vanadium dioxide. , 2016, , .		1
317	Fluorescence enhancement with metamaterial mirrors. Journal of Physics: Conference Series, 2016, 680, 012033.	0.4	1
318	On the design of multi-dimensional irregular repeat-accumulate lattice codes. , 2017, , .		1
319	A Lattice-Partition Framework of Downlink Non-Orthogonal Multiple Access without SIC. , 2017, , .		1
320	On Discrete Signaling and Treating Interference as Noise for Complex Gaussian Interference Channels. , 2020, , .		1
321	Role of localized waveguide resonances in the enhanced transmission through periodic arrays of subwavelength holes. , 2006, , .		1
322	Silicon-chip-based Frequency Quadrupling for Optical Millimeter-wave Signal Generation. , 2009, , .		1
323	Tradeoff between mode confinement, loss, and cross-talk, for dielectric and metal slot waveguides. Photonics Letters of Poland, 2009, 1, .	0.4	1
324	Delayed Bit-Interleaved Polar Coded Modulation with Superposition Gray Labeling. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
325	Ice-assisted electron-beam lithography for MoS ₂ transistors with extremely low-energy electrons. Nanoscale Advances, 2022, 4, 2479-2483.	4.6	1
326	Chemical surface diffusion coefficient and ordered c(2 × 2) adsorbate layer. Journal of Physics Condensed Matter, 1996, 8, 1335-1343.	1.8	0
327	A channel drop filter in a two-dimensional triangular photonic crystal. , 0, , .		0
328	Optical add/drop filter by contra-directional coupling between photonic crystal waveguides. , 0, , .		0
329	Optical microcavity based on zero-group-velocity surface modes in photonic crystals. , 2005, , .		0
330	High-Q microcavities in 2D photonic crystal slabs studied by FDTD techniques and Padé approximation. , 2005, 5733, 366.		0
331	Fabrication tolerance tests on high-Q microcavities in 2D photonic crystal slabs. , 0, , .		0
332	Coupled resonator optical waveguide structures with highly dispersive media. , 2006, , .		0
333	Channel drop filters realized in a surface plasmon-polaritons metal. , 2006, , .		0
334	Negative refraction and sub-wavelength imaging through surface waves on periodically structured metal surface. , 2006, , .		0
335	Finite element study of metal-corner plasmon polariton waveguides. Proceedings of SPIE, 2007, , .	0.8	0
336	Photonic crystal and plasmonic devices for photonic integration. , 2007, , .		0
337	Control of slow light in coupled resonator optical waveguide structures with highly dispersive media. , 2007, , .		0
338	Silicon Photonic Crystal Surface Mode Microcavities. , 2008, , .		0
339	Micro-ring resonators fabricated by focused-ion-beam on SOI. , 2008, , .		0
340	High directive antenna based on metamaterial slab with zero permittivity. Proceedings of SPIE, 2008, , .	0.8	0
341	Transformation optics and invisibility cloaks. , 2008, , .		0
342	Pulse delay and advancement in ring resonator with mutual modes coupling. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
343	Optical signal processing in SOI waveguide devices. , 2009, , .		0
344	Transformation optics for designing superlenses. , 2009, , .		0
345	Dielectric and plasmon slot waveguides for photonic integration. , 2009, , .		0
346	Demonstration of wavelength multicasting using a silicon mode-split microring resonator. , 2009, , .		0
347	High-Q optical filter based on photonic crystal surface-mode microcavity. , 2009, , .		0
348	Signal Processing in Silicon Waveguides. , 2009, , .		0
349	Increasing the delay-bit rate product on silicon chip using star-16QAM signal with high spectral efficiency. , 2009, , .		0
350	Signal processing in silicon waveguides. Proceedings of SPIE, 2009, , .	0.8	0
351	Silver nanowire based plasmon propagation, coupling and splitting at 1.55 μ m wavelength. Proceedings of SPIE, 2010, , .	0.8	0
352	Efficient coupler between silicon waveguide and hybrid plasmonic waveguide. , 2010, , .		0
353	Integrated photonics in the future: Silicon, plasmonics or something else?. , 2010, , .		0
354	Efficient directional coupler based on plasmonic waveguide for photonic integrated circuits. , 2010, , .		0
355	Silver nanowire based plasmon propagation, coupling and splitting at 1.55 μ m wavelength. , 2010, , .		0
356	Photothermal phenomena in plasmonics and metamaterials. , 2011, , .		0
357	Nanostructured plasmonic devices and their applications. , 2013, , .		0
358	Film-coupled log-periodic optical antennas for near-infrared light absorption. , 2014, , .		0
359	Plasmonic enhanced photothermal effects and its applications. , 2014, , .		0
360	Universal scaling behavior of the temperature increase of a heat nanoparticle on a substrate. Journal of Nanophotonics, 2015, 9, 093046.	1.0	0

#	ARTICLE	IF	CITATIONS
361	Tunable unidirectional long-range surface plasmon polaritons launching based on nanoslits. , 2015, , .		0
362	Dielectric optical antennas for light beam steering. , 2016, , .		0
363	Ultra-broad band absorber made by tungsten and aluminium. Journal of Physics: Conference Series, 2016, 680, 012039.	0.4	0
364	Laser assisted welding of layered metallic nanostructure. , 2016, , .		0
365	Nanosoldering of hetero-structures consisting of silver nanowires and gold nanoplate for interconnect. , 2016, , .		0
366	5th International Conference on Advances in Optoelectronics and Micro/Nano-optics (AOM 2015). Journal of Physics: Conference Series, 2016, 680, 011001.	0.4	0
367	Laser assisted welding of gold nanowires. Journal of Physics: Conference Series, 2016, 680, 012028.	0.4	0
368	Adaptive thermal camouflage based on phase-changing material GST. , 2018, , .		0
369	Parallel Power Computation for Photonic Crystal Devices. Methods and Applications of Analysis, 2006, 13, 149-156.	0.5	0
370	160-Gb/s NRZ-to-PSK conversion using linear filtering in silicon ring resonators. , 2008, , .		0
371	Increasing the Delay-Bit Rate Product on Silicon Chip Using Star-16QAM Signal with High Spectral Efficiency. , 2009, , .		0
372	Silicon micro-cavities and their system applications. , 2009, , .		0
373	Silicon-chip-based frequency quadrupling for optical millimeter-wave signal generation. , 2009, , .		0
374	Ultrathin wide-angle optical metamaterial absorber. , 2010, , .		0
375	Silver nanowire based plasmon propagation, coupling and splitting at 1.55 μ m wavelength. , 2010, , .		0
376	High-Q Photonic Crystal Microcavities. Springer Series in Optical Sciences, 2010, , 327-359.	0.7	0
377	Wavelength-tunable thermal sources with nonvolatile phase changing material. , 2017, , .		0
378	Ferroelectric Metasurfaces for THz Wave Manipulation. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
379	Optical computing of spatial differentiation without Fourier optics. , 2019, , .		0
380	Spatial and dynamical multi-level control over thermal emission. , 2020, , .		0