

Zhengbiao Ouyang

List of Publications by Year in descending order

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163
papers

3,181
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201385

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164
docs citations

164
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in emerging two-dimensional materials and their applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 387-440.	2.7	501
2	Recent advances in two-dimensional-material-based sensing technology toward health and environmental monitoring applications. <i>Nanoscale</i> , 2020, 12, 3535-3559.	2.8	318
3	Recent advances in two-dimensional materials and their nanocomposites in sustainable energy conversion applications. <i>Nanoscale</i> , 2019, 11, 21622-21678.	2.8	201
4	All-optical half adder based on cross structures in two-dimensional photonic crystals. <i>Optics Express</i> , 2008, 16, 18992.	1.7	130
5	Porous-Core Photonic Crystal Fiber for Low Loss Terahertz Wave Guiding. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 1454-1457.	1.3	119
6	Going green with batteries and supercapacitor: Two dimensional materials and their nanocomposites based energy storage applications. <i>Progress in Solid State Chemistry</i> , 2020, 58, 100254.	3.9	87
7	Terahertz absorber with dynamically switchable dual-broadband based on a hybrid metamaterial with vanadium dioxide and graphene. <i>Optics Express</i> , 2021, 29, 20839.	1.7	81
8	Compact and low-power optical logic NOT gate based on photonic crystal waveguides without optical amplifiers and nonlinear materials. <i>Applied Optics</i> , 2012, 51, 680.	0.9	69
9	Strong Interlayer Transition in Few-Layer InSe/PdSe ₂ van der Waals Heterostructure for Near-Infrared Photodetection. <i>Advanced Functional Materials</i> , 2021, 31, 2104143.	7.8	69
10	A comprehensive review on synthesis of pristine and doped inorganic room temperature stable mayenite electride, [Ca ₂₄ Al ₂₈ O ₆₄] ⁴⁺ (e ⁻) ₄ and its applications as a catalyst. <i>Progress in Solid State Chemistry</i> , 2019, 54, 1-19.	3.9	63
11	Facile synthesis of tin-doped mayenite electride composite as a non-noble metal durable electrocatalyst for oxygen reduction reaction (ORR). <i>Dalton Transactions</i> , 2018, 47, 13498-13506.	1.6	56
12	Sapphire fiber Bragg gratings inscribed with a femtosecond laser line-by-line scanning technique. <i>Optics Letters</i> , 2018, 43, 4562.	1.7	55
13	Controlled self-assembly of plasmon-based photonic nanocrystals for high performance photonic technologies. <i>Nano Today</i> , 2021, 37, 101072.	6.2	51
14	Facile synthesis of a cationic-doped [Ca ₂₄ Al ₂₈ O ₆₄] ⁴⁺ (4e ⁻) composite via a rapid citrate sol-gel method. <i>Dalton Transactions</i> , 2018, 47, 3819-3830.	1.6	48
15	Multiport photonic crystal circulators created by cascading magneto-optical cavities. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011, 28, 703.	0.9	43
16	Facile metal-free reduction-based synthesis of pristine and cation-doped conductive mayenite. <i>RSC Advances</i> , 2018, 8, 24276-24285.	1.7	43
17	Tunable narrowband antireflection optical filter with a metasurface. <i>Photonics Research</i> , 2017, 5, 500.	3.4	41
18	Fe-doped mayenite electride composite with 2D reduced Graphene Oxide: As a non-platinum based, highly durable electrocatalyst for Oxygen Reduction Reaction. <i>Scientific Reports</i> , 2019, 9, 19809.	1.6	38

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19	Sensing Applications of Atomically Thin Group IV Carbon Siblings Xenes: Progress, Challenges, and Prospects. <i>Advanced Functional Materials</i> , 2021, 31, 2005957.	7.8	37
20	A photonic-crystal polarizer integrated with the functions of narrow bandpass and narrow transmission-angle filtering. <i>Applied Physics B: Lasers and Optics</i> , 2008, 90, 127-131.	1.1	36
21	Novel Two-Dimensional Carbon-Chromium Nitride-Based Composite as an Electrocatalyst for Oxygen Reduction Reaction. <i>Frontiers in Chemistry</i> , 2019, 7, 738.	1.8	34
22	Plasmonic Metasurface Absorber Based on Electro-Optic Substrate for Energy Harvesting. <i>Materials</i> , 2018, 11, 2315.	1.3	32
23	T-shaped optical circulator based on coupled magneto-optical rods and a side-coupled cavity in a square-lattice photonic crystal. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012, 376, 646-649.	0.9	31
24	Far-Infrared Circular Polarization and Polarization Filtering Based on Fermat's Spiral Chiral Metamaterial. <i>IEEE Photonics Journal</i> , 2015, 7, 1-12.	1.0	31
25	Full controlling of Fano resonances in metal-slit superlattice. <i>Scientific Reports</i> , 2016, 5, 18461.	1.6	30
26	Five-Line Photonic Crystal Waveguide for Optical Buffering and Data Interconnection of Picosecond Pulse. <i>Journal of Lightwave Technology</i> , 2019, 37, 788-798.	2.7	28
27	Plasmonic Spectral Splitting in Ring/Rod Metasurface. <i>Nanomaterials</i> , 2017, 7, 397.	1.9	27
28	Facile Synthesis of Mayenite Electride Nanoparticles Encapsulated in Graphitic Shells Like Carbon Nano Onions: Non-noble-metal Electrocatalysts for Oxygen Reduction Reaction (ORR). <i>Frontiers in Chemistry</i> , 2019, 7, 934.	1.8	27
29	A Miniature Fiber Collimator for Highly Sensitive Bend Measurements. <i>Journal of Lightwave Technology</i> , 2018, 36, 2827-2833.	2.7	26
30	Low-loss Y-junction two-dimensional magneto-photonic crystals circulator using a ferrite cylinder. <i>Optics Communications</i> , 2016, 369, 1-6.	1.0	25
31	Slow-light transmission with high group index and large normalized delay bandwidth product through successive defect rods on intrinsic photonic crystal waveguide. <i>Optics Communications</i> , 2018, 418, 73-79.	1.0	25
32	Slow light with high normalized delay-bandwidth product in low-dispersion photonic-crystal coupled-cavity waveguide. <i>Optics Communications</i> , 2019, 439, 181-186.	1.0	25
33	One-Dimensional Topological Photonic Crystal Mirror Heterostructure for Sensing. <i>Nanomaterials</i> , 2021, 11, 1940.	1.9	25
34	Trimeric metasurfaces for independent control of bright and dark modes of Fano resonances. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	22
35	Independently Tunable Fano Resonances Based on the Coupled Hetero-Cavities in a Plasmonic MIM System. <i>Materials</i> , 2018, 11, 1675.	1.3	22
36	Synthesis, characterization and cathodoluminescence of self-assembled 1D ZnO/In ₂ O ₃ nano-heterostructures. <i>CrystEngComm</i> , 2012, 14, 6888.	1.3	21

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37	Single step synthesis of highly conductive room-temperature stable cation-substituted mayenite electride target and thin film. <i>Scientific Reports</i> , 2019, 9, 4967.	1.6	21
38	High-capability micro-optical buffer based on coupled hexagonal cavity in photonic crystal waveguide. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 1963-1970.	1.6	20
39	High-speed amplitude modulator with a high modulation index based on a plasmonic resonant tunable metasurface. <i>Applied Optics</i> , 2019, 58, 2687.	0.9	20
40	Photonic structures based on dielectric and magnetic one-dimensional photonic crystals for wide omnidirectional total reflection. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008, 25, 297.	0.9	19
41	Highly Sensitive THz Gas-Sensor Based on the Guided Bloch Surface Wave Resonance in Polymeric Photonic Crystals. <i>Materials</i> , 2020, 13, 1217.	1.3	19
42	Sensitive label-free sensor with high figure of merit based on plasmonic metasurface with unit cell of double two-split nanorings. <i>Journal of Materials Science</i> , 2019, 54, 6301-6309.	1.7	18
43	Highly Compact Circulators in Square-Lattice Photonic Crystal Waveguides. <i>PLoS ONE</i> , 2014, 9, e113508.	1.1	17
44	Ultra-wideband slow light transmission with high normalized delay bandwidth product in W3 photonic crystal waveguide. <i>Superlattices and Microstructures</i> , 2018, 121, 45-54.	1.4	17
45	Design of polarization beam splitter based on coupled rods in a square-lattice photonic crystal. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 2043.	0.9	16
46	Linearly Tunable Fano Resonance Modes in a Plasmonic Nanostructure with a Waveguide Loaded with Two Rectangular Cavities Coupled by a Circular Cavity. <i>Nanomaterials</i> , 2019, 9, 678.	1.9	16
47	Compact photonic crystal circulator with flat-top transmission band created by cascading magneto-optical resonance cavities. <i>Applied Optics</i> , 2015, 54, 9741.	2.1	14
48	Photoluminescence and field emission of 1D ZnO nanorods fabricated by thermal evaporation. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 108, 195-200.	1.1	13
49	Wide-angle broadband terahertz metamaterial absorber with a multilayered heterostructure. <i>Applied Optics</i> , 2017, 56, 4388.	2.1	13
50	Electro-optical coupling of a circular Airy beam in a uniaxial crystal. <i>Optics Express</i> , 2017, 25, 14654.	1.7	13
51	Electrostatic electron cyclotron resonance maser (linear theory). <i>Journal of Applied Physics</i> , 1986, 59, 3621-3626.	1.1	12
52	Self-consistent nonlinear investigation of an outer-slotted-coaxial waveguide gyrotron traveling-wave amplifier. <i>IEEE Transactions on Plasma Science</i> , 2005, 33, 1013-1018.	0.6	12
53	Coupled Resonance Enhanced Modulation for a Graphene-Loaded Metamaterial Absorber. <i>Nanoscale Research Letters</i> , 2019, 14, 32.	3.1	12
54	Numerical Investigation of Graphene and STO Based Tunable Terahertz Absorber with Switchable Bifunctionality of Broadband and Narrowband Absorption. <i>Nanomaterials</i> , 2021, 11, 2044.	1.9	12

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55	Coaxial-Waveguide Gyrotron Amplifier Operating With High Power and Ultrahigh Gain in Millimeter and Submillimeter Waves. <i>IEEE Transactions on Plasma Science</i> , 2004, 32, 981-986.	0.6	11
56	False alarm suppression of multipulsed laser ranging system with Geiger-mode detector. <i>Applied Optics</i> , 2015, 54, 5513.	2.1	11
57	Broadband six-port circulator based on magneto-optical-rod ring in photonic crystal. <i>Applied Physics B: Lasers and Optics</i> , 2015, 121, 385-389.	1.1	11
58	Polarization-independent circulator based on ferrite and plasma materials in two-dimensional photonic crystal. <i>Scientific Reports</i> , 2018, 8, 7827.	1.6	11
59	Sensitive THz sensing based on Fano resonance in all-polymeric Bloch surface wave structure. <i>Nanophotonics</i> , 2021, 10, 3879-3888.	2.9	11
60	Single-TM-mode Bragg fibers made of magnetic materials. <i>Optics Express</i> , 2008, 16, 628.	1.7	10
61	Omnidirectional and multi-channel filtering by photonic quantum wells with negative-index materials. <i>Optics Express</i> , 2009, 17, 5861.	1.7	10
62	All-optical tunable filters based on optomechanical effects in two-dimensional photonic crystal cavities. <i>Optics Letters</i> , 2013, 38, 4362.	1.7	10
63	Broadband Wide-Angle Incident Light Absorption by Metallic Loop Metasurfaces Based on Electro-Optic Substrate. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1068-1071.	1.3	10
64	Sporadic-Slot Photonic-Crystal Waveguide for All-Optical Buffers With Low-Dispersion, Distortion, and Insertion Loss. <i>IEEE Access</i> , 2020, 8, 77689-77700.	2.6	10
65	An approximately omnidirectional defect mode of the TE wave from one-dimensional photonic crystals doped by negative-index materials. <i>Journal of Optics</i> , 2009, 11, 045103.	1.5	9
66	Field emission properties originated from 2D electronics gas successively tunneling for 1D heterostructures of ZnO nanobelts decorated with In ₂ O ₃ nanoteeth. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	9
67	All-optical sensitive phase shifting based on nonlinear out-of-plane coupling through 1-D slab photonic crystal with a layer of graphene. <i>Optics Express</i> , 2014, 22, 14840.	1.7	9
68	3D resonator based on luminescence enhanced by both polarized, size-dependent whispering gallery modes and Fabry-Pérot waveguide modes in individual ZnO micro- and nanonails. <i>Nanoscale</i> , 2014, 6, 5338.	2.8	9
69	Radiation-direction steerable nanoantennae. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	9
70	Mode competition in a large-orbit coaxial-waveguide cyclotron autoresonance maser (CARM) amplifier. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 015501.	1.3	8
71	Coupled photonic crystal micro-cavities with ultra-low threshold power for stimulated Raman scattering. <i>Optics Express</i> , 2011, 19, 4795.	1.7	8
72	Photonic-crystal structures with polarized-wave-guiding property and their applications in the mid and far infrared wave bands. <i>Optics Express</i> , 2013, 21, 25592.	1.7	8

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73	A compact, all-optical, THz wave generator based on self-modulation in a slab photonic crystal waveguide with a single sub-nanometer graphene layer. <i>Nanoscale</i> , 2015, 7, 11379-11385.	2.8	8
74	Plasmonic waveguide design for the enhanced forward stimulated Brillouin scattering in diamond. <i>Scientific Reports</i> , 2018, 8, 88.	1.6	8
75	Tunable Nanosensor Based on Fano Resonances Created by Changing the Deviation Angle of the Metal Core in a Plasmonic Cavity. <i>Sensors</i> , 2018, 18, 1026.	2.1	8
76	Nonlinear theory of a cyclotron autoresonance maser (CARM) amplifier with outer-slotted-coaxial waveguide. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 1571-1576.	1.3	7
77	Theoretical and Cold-Test Investigation of a Four-Port High-Frequency System for a 0.14-THz Dual-Sheet-Beam Backward-Wave Oscillator. <i>IEEE Transactions on Electron Devices</i> , 2018, 65, 5068-5074.	1.6	7
78	High Figure of Merit Optical Buffering in Coupled-Slot Slab Photonic Crystal Waveguide with Ionic Liquid. <i>Nanomaterials</i> , 2020, 10, 1742.	1.9	7
79	Surface wave photonic quasicrystal. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	7
80	Enhancement of Self-Collimation Effect in Photonic Crystal Membranes Using Hyperbolic Metamaterials. <i>Nanomaterials</i> , 2022, 12, 555.	1.9	7
81	Nonlinear analysis of a large-orbit coaxial-waveguide cyclotron autoresonance maser amplifier. <i>Journal of Applied Physics</i> , 2007, 102, 074516.	1.1	6
82	Star-type polarizer with equal-power splitting function for each polarization based on polarization-dependent defects in two-dimensional photonic-crystal waveguides. <i>Optics Express</i> , 2016, 24, 23917.	1.7	6
83	Metasurface for Multiwavelength Coherent Perfect Absorption. <i>IEEE Photonics Journal</i> , 2017, 9, 1-8.	1.0	6
84	Highly Flexible and Voltage Based Wavelength Tunable Biosensor. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800633.	0.8	6
85	High- Q Fano resonance based on degenerate modes in a single dielectric point-defect photonic crystal cavity with x - y asymmetry. <i>Applied Physics Express</i> , 2020, 13, 032006.	1.1	6
86	Anisotropic asymmetric transmission of circularly polarized terahertz waves in a three-dimensional spline assembly. <i>Optics Letters</i> , 2020, 45, 2315.	1.7	6
87	Dispersion engineering of W2 stepp-le-house-defect waveguide photonic crystal. <i>Results in Physics</i> , 2020, 19, 103547.	2.0	5
88	Futuristic elongated-hexagonal photonic crystal waveguide for slow light. <i>Optics Communications</i> , 2020, 474, 126082.	1.0	5
89	Fabry-Pérot modes associated with hyperbolic-like dispersion in dielectric photonic crystals and demonstration of a bending angle sensor at microwave frequencies. <i>Scientific Reports</i> , 2020, 10, 11117.	1.6	5
90	Photonic bandgaps in two-dimensional short-range periodic structures. <i>Journal of Optics</i> , 2002, 4, 23-28.	1.5	4

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91	A combined cavity for high sensitivity THz signal detection. Proceedings of SPIE, 2007, , .	0.8	4
92	Photonic crystal nano-cavities for enhancing zero-phonon line emission from nitrogen-vacancy centers in diamond. Optics and Laser Technology, 2013, 48, 128-134.	2.2	4
93	Nonlinear study of an ion-channel guiding free-electron laser. Physics of Plasmas, 2015, 22, 043111.	0.7	4
94	Improved cumulative probabilities and range accuracy of a pulsed Geiger-mode avalanche photodiode laser ranging system with turbulence effects. Applied Optics, 2017, 56, 8216.	0.9	4
95	High buffering capability of silicon-polymer photonic-crystal coupled cavity waveguide. Waves in Random and Complex Media, 0, , 1-16.	1.6	4
96	Elongated-Hexagonal Photonic Crystal for Buffering, Sensing, and Modulation. Nanomaterials, 2021, 11, 809.	1.9	4
97	Title is missing!. Journal of Infrared, Millimeter and Terahertz Waves, 2003, 24, 585-591.	0.6	3
98	Three-visible-light wave combiner based on photonic crystal waveguides. Applied Optics, 2014, 53, 4791.	0.9	3
99	Focusing peculiarities of ion-channel guiding on a relativistic electron beam in a free-electron laser with a three-dimensional wiggler. Laser Physics, 2014, 24, 105002.	0.6	3
100	Compact, low-loss and broadband photonic crystal circulator based on a star-type ferrite rod. Results in Physics, 2017, 7, 4303-4309.	2.0	3
101	Plasmon-induced anti-transparency modes in metasurface. Applied Nanoscience (Switzerland), 2020, 10, 15-22.	1.6	3
102	Hybrid plasmonicâ€“phononic cavity design for enhanced optomechanical coupling in lithium niobate. Applied Nanoscience (Switzerland), 2020, 10, 1395-1407.	1.6	3
103	Ultra-high group index slow light with optical buffering performance in photonic crystal waveguide coupled with cavity. , 2018, , .		3
104	Four-Port Cross-Shaped Circulator Based on Two-Dimensional Magneto-Photonic Crystals. Guangxue Xuebao/Acta Optica Sinica, 2014, 34, 1023001.	0.2	3
105	High-Quality Graphene-Based Tunable Absorber Based on Double-Side Coupled-Cavity Effect. Nanomaterials, 2021, 11, 2824.	1.9	3
106	Tailoring the terahertz far-field radiation pattern based on asymmetric transmission of linearly polarized waves in metasurface tiles. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 771.	0.9	3
107	Huge group-velocity dispersion in a photonic crystal. , 2005, , .		2
108	Quasi-phase-matched optical activity effect inâ€“gyroelectricâ€“crystals andâ€“its applications. Applied Physics B: Lasers and Optics, 2010, 98, 107-111.	1.1	2

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109	Polarization- and direction-independent defect modes in a wide incident-angle range within Bragg gaps by photonic heterostructures containing negative-index materials. Applied Physics B: Lasers and Optics, 2010, 98, 803-807.	1.1	2
110	Terahertz subwavelength filters based on a 2D lattice of metal wires. Applied Physics B: Lasers and Optics, 2010, 101, 305-310.	1.1	2
111	A new kind of unidirectional waveguides. , 2011, , .		2
112	Designs of photonic crystal nanocavities for stimulated Raman scattering in diamond. Applied Physics B: Lasers and Optics, 2013, 113, 457-462.	1.1	2
113	Mutual action of optical activity effect and linear electro-optic effect in periodically poled gyrotropic crystal. Optics Communications, 2014, 316, 217-219.	1.0	2
114	Tunable perfect absorber for bio-sensin. , 2017, , .		2
115	Nonlinear digital out-of-plane waveguide coupler based on nonlinear scattering of a single graphene layer. Optics Communications, 2018, 411, 148-151.	1.0	2
116	Polarization-Independent Circulator Based on Composite Rod of Ferrite and Plasma in Photonic Crystal Structure. Nanomaterials, 2021, 11, 381.	1.9	2
117	Y-type polarization beam splitter based on polarization-selective defects within crystal waveguides in a square-lattice photonic crystal with solid rods. Chinese Optics Letters, 2015, 13, S11301-311304.	1.3	2
118	A far-infrared free-electron maser oscillator operating at the third cyclotron harmonic. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 129-137.	0.6	1
119	Realization of absolute negative refraction index by a photonic crystal using anisotropic dielectric material. Chinese Optics Letters, 2008, 6, 57-60.	1.3	1
120	Transmission spectrum and potential applications of periodic structure composed of single-negative material and anisotropic material. Optics and Lasers in Engineering, 2010, 48, 1034-1037.	2.0	1
121	A high-speed widely tunable Åolc-type flat-top filter based on the dual transverse Pockels effect. Journal of Optics (United Kingdom), 2010, 12, 035213.	1.0	1
122	FREQUENCY SELECTIVE SURFACE WITH ARBITRARY SHAPES AND ITS APPLICATION TO FILTER DESIGN. Progress in Electromagnetics Research B, 2014, 57, 75-85.	0.7	1
123	Wide Absolute-Photonic-Bandgap 2D Square-Lattice Photonic Crystal Based on Hollow Cylinders and Cross Connecting Plates. Applied Mechanics and Materials, 2014, 670-671, 105-108.	0.2	1
124	Numerical analysis of dual-wavelength nonreciprocal phase shifter for magneto-optical isolators on silicon-on-insulator system. Optical Engineering, 2014, 53, 117112.	0.5	1
125	Single- and multi-beam confinement of electromagnetic waves in a photonic crystal open cavity providing rapid heating and high temperatures. Photonics and Nanostructures - Fundamentals and Applications, 2015, 15, 89-98.	1.0	1
126	Three-visible-light wave combiner based on photonic crystal microcavities. Applied Optics, 2015, 54, 6783.	2.1	1

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127	Densely Distributed Multiple Resonance Modes in a Fan-Shaped Plasmonic Nanostructure Demonstrated by FEM Simulations. <i>Nanomaterials</i> , 2019, 9, 975.	1.9	1
128	Band Gap Optimization for GHz Elastic Waves in Gold Phononic Crystals. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 585, 012051.	0.3	1
129	Athermal design for Solc-type filter based on PPKTP. <i>Chinese Optics Letters</i> , 2012, 10, S21901-321903.	1.3	1
130	A Combined Cavity with Improved Performance under Simultaneous Resonance of Sub-cavities. <i>Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium</i> , 2010, 6, 406-410.	0.4	1
131	Dispersion properties of plasma-filled metallic photonic crystal slow-wave structure. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2015, 64, 174205.	0.2	1
132	Simulation of cherenkov radiation oscillation in a plasma-filled metallic photonic crystal. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2016, 65, 074208.	0.2	1
133	Twisted Bands with Degenerate Points of Photonic Hypercrystals in Infrared Region. <i>Nanomaterials</i> , 2022, 12, 1985.	1.9	1
134	Photonic Crystal Narrow Pass-band Filters. <i>Materials Research Society Symposia Proceedings</i> , 2001, 694, 1.	0.1	0
135	Title is missing!. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2003, 24, 35-41.	0.6	0
136	A kind of planar photonic crystal micro-cavity. , 2005, , .		0
137	A complex photonic crystal cavity with improved properties of optical filtering. , 2005, , .		0
138	Dispersion-induced localized modes in weakly random media. , 2007, , .		0
139	Threshold behavior of defect modes in one-dimensional active photonic crystal. , 2007, , .		0
140	POWER-LOSSLESS CHANNEL SWITCH BASED ON LATTICE SOLITONS. <i>Modern Physics Letters B</i> , 2010, 24, 297-304.	1.0	0
141	Highly directional emission from multi-channel photonic crystal via beam splitting. , 2011, , .		0
142	On the analysis of two-dimensional magnetic-photonic crystal circulator in microwave band. , 2012, , .		0
143	TM-optical switch based on modification of photonic band gaps in photonic crystals. , 2014, , .		0
144	TE-optical switch based on modification of photonic bandgaps in photonic crystals. , 2014, , .		0

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145	A Two-Dimensional Square-Lattice Photonic Crystal with Rotated Square Cylinders and Cross Thin Plates Exhibiting Wide Photonic Bandgap. <i>Applied Mechanics and Materials</i> , 2014, 670-671, 109-112.	0.2	0
146	Low Threshold, Wide Dynamic Range, Tunable, All-Optical Self-Modulator Based on Fano Resonance and Out-of-Plane Coupling in a Slab Photonic Crystal with a Graphene Layer. <i>Journal of Nanotechnology</i> , 2015, 2015, 1-6.	1.5	0
147	Low-loss Y-junction two-dimensional magneto-photonic crystals circulator using a ferrite cylinder. , 2015, , .		0
148	Polarization optical bridge based on two-dimensional photonic crystals and Bragg effect of defect rods. <i>Applied Physics B: Lasers and Optics</i> , 2015, 118, 145-151.	1.1	0
149	Design and Experimental Demonstration of Cherenkov Radiation Source Based on Metallic Photonic Crystal Slow Wave Structure. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2016, 37, 1061-1068.	1.2	0
150	A novel Cherenkov oscillator based on microcavity in photonic crystal waveguide. , 2016, , .		0
151	Cumulative detection probabilities and range accuracy of a pulsed Geiger-mode avalanche photodiode laser ranging system. <i>Journal of Modern Optics</i> , 2017, 64, 1898-1906.	0.6	0
152	General method for eliminating wave reflection in 2D photonic crystal waveguides by introducing extra scatterers based on interference cancellation of waves. <i>Optics Communications</i> , 2018, 406, 260-270.	1.0	0
153	Metasurfaces and their applications. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
154	Short-Wavelength Three-dimensional Photonic Crystals. , 2000, , 547-550.		0
155	Polarization Beam Splitter Based on Internal Coupled Rods in a Square-Lattice Photonic Crystal. , 2012, , .		0
156	Low-loss Photonic Crystal Fiber for Transmission of Terahertz Waves. , 2012, , .		0
157	A controlled frequency-shifted feedback loop for generation of widely tunable coherent Terahertz waves. , 2012, , .		0
158	A new method to improve the sensitivity of THz sensor based on combined photonic crystal microcavities. , 2013, , .		0
159	Three-port Y Junction Optical Circulator Using a Ferrite Cylinder in Two dimensional Magneto-photonic Crystals. <i>Guangzi Xuebao/Acta Photonica Sinica</i> , 2014, 43, 623002.	0.1	0
160	2D Square-lattice Photonic Crystal Based on Circular-ring Cylinders and Thin Cross Plates Suitable for Optical Integrated Circuits. <i>Guangzi Xuebao/Acta Photonica Sinica</i> , 2015, 44, 423002.	0.1	0
161	All-optical switch based on nonlinear photonic crystals ring resonator. , 2016, , .		0
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