Zhengbiao Ouyang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3097624/publications.pdf

Version: 2024-02-01

163 papers	3,181 citations	201385 27 h-index	174990 52 g-index
164 all docs	164 docs citations	164 times ranked	2844 citing authors

#	Article	IF	Citations
1	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
2	Enhancement of Self-Collimation Effect in Photonic Crystal Membranes Using Hyperbolic Metamaterials. Nanomaterials, 2022, 12, 555.	1.9	7
3	Twisted Bands with Degenerate Points of Photonic Hypercrystals in Infrared Region. Nanomaterials, 2022, 12, 1985.	1.9	1
4	Sensing Applications of Atomically Thin Group IV Carbon Siblings Xenes: Progress, Challenges, and Prospects. Advanced Functional Materials, 2021, 31, 2005957.	7.8	37
5	Polarization-Independent Circulator Based on Composite Rod of Ferrite and Plasma in Photonic Crystal Structure. Nanomaterials, 2021, 11, 381.	1.9	2
6	Elongated-Hexagonal Photonic Crystal for Buffering, Sensing, and Modulation. Nanomaterials, 2021, 11, 809.	1.9	4
7	Controlled self-assembly of plasmon-based photonic nanocrystals for high performance photonic technologies. Nano Today, 2021, 37, 101072.	6.2	51
8	Terahertz absorber with dynamically switchable dual-broadband based on a hybrid metamaterial with vanadium dioxide and graphene. Optics Express, 2021, 29, 20839.	1.7	81
9	One-Dimensional Topological Photonic Crystal Mirror Heterostructure for Sensing. Nanomaterials, 2021, 11, 1940.	1.9	25
10	Numerical Investigation of Graphene and STO Based Tunable Terahertz Absorber with Switchable Bifunctionality of Broadband and Narrowband Absorption. Nanomaterials, 2021, 11, 2044.	1.9	12
11	Strong Interlayer Transition in Fewâ€Layer InSe/PdSe₂ van der Waals Heterostructure for Nearâ€Infrared Photodetection. Advanced Functional Materials, 2021, 31, 2104143.	7.8	69
12	High-Quality Graphene-Based Tunable Absorber Based on Double-Side Coupled-Cavity Effect. Nanomaterials, 2021, 11, 2824.	1.9	3
13	Sensitive THz sensing based on Fano resonance in all-polymeric Bloch surface wave structure. Nanophotonics, 2021, 10, 3879-3888.	2.9	11
14	Plasmon-induced anti-transparency modes in metasurface. Applied Nanoscience (Switzerland), 2020, 10, 15-22.	1.6	3
15	Going green with batteries and supercapacitor: Two dimensional materials and their nanocomposites based energy storage applications. Progress in Solid State Chemistry, 2020, 58, 100254.	3.9	87
16	Recent advances in two-dimensional-material-based sensing technology toward health and environmental monitoring applications. Nanoscale, 2020, 12, 3535-3559.	2.8	318
17	Recent developments in emerging two-dimensional materials and their applications. Journal of Materials Chemistry C, 2020, 8, 387-440.	2.7	501
18	Sporadic-Slot Photonic-Crystal Waveguide for All-Optical Buffers With Low-Dispersion, Distortion, and Insertion Loss. IEEE Access, 2020, 8, 77689-77700.	2.6	10

#	Article	IF	Citations
19	High Figure of Merit Optical Buffering in Coupled-Slot Slab Photonic Crystal Waveguide with Ionic Liquid. Nanomaterials, 2020, 10, 1742.	1.9	7
20	Dispersion engineering of W2 steeple-house-defect waveguide photonic crystal. Results in Physics, 2020, 19, 103547.	2.0	5
21	Futuristic elongated-hexagonal photonic crystal waveguide for slow light. Optics Communications, 2020, 474, 126082.	1.0	5
22	Highly Sensitive THz Gas-Sensor Based on the Guided Bloch Surface Wave Resonance in Polymeric Photonic Crystals. Materials, 2020, 13, 1217.	1.3	19
23	Fabryâ€“PÃ©rot modes associated with hyperbolic-like dispersion in dielectric photonic crystals and demonstration of a bending angle sensor at microwave frequencies. Scientific Reports, 2020, 10, 11117.	1.6	5
24	High-Q Fano resonance based on degenerate modes in a single dielectric point-defect photonic crystal cavity with xâ€“y asymmetry. Applied Physics Express, 2020, 13, 032006.	1.1	6
25	Surface wave photonic quasicrystal. Applied Physics Letters, 2020, 116, .	1.5	7
26	Hybrid plasmonicâ€“phononic cavity design for enhanced optomechanical coupling in lithium niobate. Applied Nanoscience (Switzerland), 2020, 10, 1395-1407.	1.6	3
27	Anisotropic asymmetric transmission of circularly polarized terahertz waves in a three-dimensional spline assembly. Optics Letters, 2020, 45, 2315.	1.7	6
28	High-capability micro-optical buffer based on coupled hexagonal cavity in photonic crystal waveguide. Applied Nanoscience (Switzerland), 2019, 9, 1963-1970.	1.6	20
29	Radiation-direction steerable nanoantennae. SN Applied Sciences, 2019, 1, 1.	1.5	9
30	Densely Distributed Multiple Resonance Modes in a Fan-Shaped Plasmonic Nanostructure Demonstrated by FEM Simulations. Nanomaterials, 2019, 9, 975.	1.9	1
31	Metasurfaces and their applications. AIP Conference Proceedings, 2019, , .	0.3	0
32	A comprehensive review on synthesis of pristine and doped inorganic room temperature stable mayenite electride, [Ca24Al28O64]4+(eâ^)4 and its applications as a catalyst. Progress in Solid State Chemistry, 2019, 54, 1-19.	3.9	63
33	Highly Flexible and Voltage Based Wavelength Tunable Biosensor. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800633.	0.8	6
34	Slow light with high normalized delay-bandwidth product in low-dispersion photonic-crystal coupled-cavity waveguide. Optics Communications, 2019, 439, 181-186.	1.0	25
35	Sensitive label-free sensor with high figure of merit based on plasmonic metasurface with unit cell of double two-split nanorings. Journal of Materials Science, 2019, 54, 6301-6309.	1.7	18
36	Coupled Resonance Enhanced Modulation for a Graphene-Loaded Metamaterial Absorber. Nanoscale Research Letters, 2019, 14, 32.	3.1	12

#	Article	IF	Citations
37	Linearly Tunable Fano Resonance Modes in a Plasmonic Nanostructure with a Waveguide Loaded with Two Rectangular Cavities Coupled by a Circular Cavity. Nanomaterials, 2019, 9, 678.	1.9	16
38	Broadband Wide-Angle Incident Light Absorption by Metallic Loop Metasurfaces Based on Electro-Optic Substrate. IEEE Photonics Technology Letters, 2019, 31, 1068-1071.	1.3	10
39	Single step synthesis of highly conductive room-temperature stable cation-substituted mayenite electride target and thin film. Scientific Reports, 2019, 9, 4967.	1.6	21
40	Band Gap Optimization for GHz Elastic Waves in Gold Phononic Crystals. IOP Conference Series: Materials Science and Engineering, 2019, 585, 012051.	0.3	1
41	Recent advances in two-dimensional materials and their nanocomposites in sustainable energy conversion applications. Nanoscale, 2019, 11, 21622-21678.	2.8	201
42	Novel Two-Dimensional Carbonâ€“Chromium Nitride-Based Composite as an Electrocatalyst for Oxygen Reduction Reaction. Frontiers in Chemistry, 2019, 7, 738.	1.8	34
43	Fe-doped mayenite electride composite with 2D reduced Graphene Oxide: As a non-platinum based, highly durable electrocatalyst for Oxygen Reduction Reaction. Scientific Reports, 2019, 9, 19809.	1.6	38
44	Five-Line Photonic Crystal Waveguide for Optical Buffering and Data Interconnection of Picosecond Pulse. Journal of Lightwave Technology, 2019, 37, 788-798.	2.7	28
45	Facile Synthesis of Mayenite Electride Nanoparticles Encapsulated in Graphitic Shells Like Carbon Nano Onions: Non-noble-metal Electrocatalysts for Oxygen Reduction Reaction (ORR). Frontiers in Chemistry, 2019, 7, 934.	1.8	27
46	High-speed amplitude modulator with a high modulation index based on a plasmonic resonant tunable metasurface. Applied Optics, 2019, 58, 2687.	0.9	20
47	Facile synthesis of a cationic-doped [Ca₂₄Al₂₈O₆₄]⁴⁺(4e^{â^’}) composite via a rapid citrate solâ€“gel method. Dalton Transactions, 2018, 47, 3819-3830.	1.6	48
48	Plasmonic waveguide design for the enhanced forward stimulated brillouin scattering in diamond. Scientific Reports, 2018, 8, 88.	1.6	8
49	Slow-light transmission with high group index and large normalized delay bandwidth product through successive defect rods on intrinsic photonic crystal waveguide. Optics Communications, 2018, 418, 73-79.	1.0	25
50	General method for eliminating wave reflection in 2D photonic crystal waveguides by introducing extra scatterers based on interference cancellation of waves. Optics Communications, 2018, 406, 260-270.	1.0	0
51	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
52	Plasmonic Metasurface Absorber Based on Electro-Optic Substrate for Energy Harvesting. Materials, 2018, 11, 2315.	1.3	32
53	Independently Tunable Fano Resonances Based on the Coupled Hetero-Cavities in a Plasmonic MIM System. Materials, 2018, 11, 1675.	1.3	22
54	Theoretical and Cold-Test Investigation of a Four-Port High-Frequency System for a 0.14-THz Dual-Sheet-Beam Backward-Wave Oscillator. IEEE Transactions on Electron Devices, 2018, 65, 5068-5074.	1.6	7

#	Article	IF	Citations
55	Sapphire fiber Bragg gratings inscribed with a femtosecond laser line-by-line scanning technique. Optics Letters, 2018, 43, 4562.	1.7	55
56	Tunable Nanosensor Based on Fano Resonances Created by Changing the Deviation Angle of the Metal Core in a Plasmonic Cavity. Sensors, 2018, 18, 1026.	2.1	8
57	Polarization-independent circulator based on ferrite and plasma materials in two-dimensional photonic crystal. Scientific Reports, 2018, 8, 7827.	1.6	11
58	Facile metal-free reduction-based synthesis of pristine and cation-doped conductive mayenite. RSC Advances, 2018, 8, 24276-24285.	1.7	43
59	Ultra-wideband slow light transmission with high normalized delay bandwidth product in W3 photonic crystal waveguide. Superlattices and Microstructures, 2018, 121, 45-54.	1.4	17
60	A Miniature Fiber Collimator for Highly Sensitive Bend Measurements. Journal of Lightwave Technology, 2018, 36, 2827-2833.	2.7	26
61	Facile synthesis of tin-doped mayenite electride composite as a non-noble metal durable electrocatalyst for oxygen reduction reaction (ORR). Dalton Transactions, 2018, 47, 13498-13506.	1.6	56
62	Ultra-high group index slow light with optical buffering performance in photonic crystal waveguide coupled with cavity. , 2018, , .		3
63	Cumulative detection probabilities and range accuracy of a pulsed Geiger-mode avalanche photodiode laser ranging system. Journal of Modern Optics, 2017, 64, 1898-1906.	0.6	0
64	Metasurface for Multiwavelength Coherent Perfect Absorption. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	6
65	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
66	Tunable perfect absorber for bio-sensin. , 2017, , .		2
67	Wide-angle broadband terahertz metamaterial absorber with a multilayered heterostructure. Applied Optics, 2017, 56, 4388.	2.1	13
68	Electro-optical coupling of a circular Airy beam in a uniaxial crystal. Optics Express, 2017, 25, 14654.	1.7	13
69	Tunable narrowband antireflection optical filter with a metasurface. Photonics Research, 2017, 5, 500.	3.4	41
70	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
71	Plasmonic Spectral Splitting in Ring/Rod Metasurface. Nanomaterials, 2017, 7, 397.	1.9	27
72	Detection probability limitation of a pulsed Gm-APD laser ranging system with turbulence effects. , 2017, , .		0

#	Article	IF	Citations
73	Star-type polarizer with equal-power splitting function for each polarization based on polarization-dependent defects in two-dimensional photonic-crystal waveguides. Optics Express, 2016, 24, 23917.	1.7	6
74	Trimeric metasurfaces for independent control of bright and dark modes of Fano resonances. Applied Physics Letters, 2016, 108, .	1.5	22
75	Design and Experimental Demonstration of Cherenkov Radiation Source Based on Metallic Photonic Crystal Slow Wave Structure. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 1061-1068.	1.2	0
76	Full controlling of Fano resonances in metal-slit superlattice. Scientific Reports, 2016, 5, 18461.	1.6	30
77	A novel Cherenkov oscillator based on microcavity in photonic crystal waveguide. , 2016, , .		0
78	Low-loss Y-junction two-dimensional magneto-photonic crystals circulator using a ferrite cylinder. Optics Communications, 2016, 369, 1-6.	1.0	25
79	Simulation of cherenkov radiation oscillation in a plasma-filled metallic photonic crystal. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 074208.	0.2	1
80	All-optical switch based on nonlinear photonic crystals ring resonator. , 2016, , .		0
81	An ultra-high sensitivity temperature sensor based on surface-plasmon polariton in metal-insulator-metal waveguide and a dynamic cavity. , 2016, , .		0
82	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. Journal of Nanotechnology, 2015, 2015, 1-6.	1.5	0
83	A compact, all-optical, THz wave generator based on self-modulation in a slab photonic crystal waveguide with a single sub-nanometer graphene layer. Nanoscale, 2015, 7, 11379-11385.	2.8	8
84	Nonlinear study of an ion-channel guiding free-electron laser. Physics of Plasmas, 2015, 22, 043111.	0.7	4
85	Low- loss Y-junction two-dimensional magneto-photonic crystals circulator using a ferrite cylinder. , 2015, , .		0
86	Compact photonic crystal circulator with flat-top transmission band created by cascading magneto-optical resonance cavities. Applied Optics, 2015, 54, 9741.	2.1	14
87	Far-Infrared Circular Polarization and Polarization Filtering Based on Fermat's Spiral Chiral Metamaterial. IEEE Photonics Journal, 2015, 7, 1-12.	1.0	31
88	Polarization optical bridge based on two-dimensional photonic crystals and Bragg effect of defect rods. Applied Physics B: Lasers and Optics, 2015, 118, 145-151.	1.1	0
89	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
90	False alarm suppression of multipulsed laser ranging system with Geiger-mode detector. Applied Optics, 2015, 54, 5513.	2.1	11

#	Article	IF	Citations
91	Broadband six-port circulator based on magneto-optical-rod ring in photonic crystal. Applied Physics B: Lasers and Optics, 2015, 121, 385-389.	1.1	11
92	Three-visible-light wave combiner based on photonic crystal microcavities. Applied Optics, 2015, 54, 6783.	2.1	1
93	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
94	2D Square-lattice Photonic Crystal Based on Circular-ring Cylinders and Thin Cross Plates Suitable for Optical Integrated Circuits. Guangzi Xuebao/Acta Photonica Sinica, 2015, 44, 423002.	0.1	0
95	Dispersion properties of plasma-filled metallic photonic crystal slow-wave structure. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 174205.	0.2	1
96	FREQUENCY SELECTIVE SURFACE WITH ARBITRARY SHAPES AND ITS APPLICATION TO FILTER DESIGN. Progress in Electromagnetics Research B, 2014, 57, 75-85.	0.7	1
97	Highly Compact Circulators in Square-Lattice Photonic Crystal Waveguides. PLoS ONE, 2014, 9, e113508.	1.1	17
98	Three-visible-light wave combiner based on photonic crystal waveguides. Applied Optics, 2014, 53, 4791.	0.9	3
99	TM-optical switch based on modification of photonic band gaps in photonic crystals. , 2014, , .		0
100	TE-optical switch based on modification of photonic bandgaps in photonic crystals. , 2014, , .		0
101	All-optical sensitive phase shifting based on nonlinear out-of-plane coupling through 1-D slab photonic crystal with a layer of graphene. Optics Express, 2014, 22, 14840.	1.7	9
102	A Two-Dimensional Square-Lattice Photonic Crystal with Rotated Square Cylinders and Cross Thin Plates Exhibiting Wide Photonic Bandgap. Applied Mechanics and Materials, 2014, 670-671, 109-112.	0.2	0
103	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
104	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
105	Mutual action of optical activity effect and linear electro-optic effect in periodically poled â€œgyroelectricâ€•crystal. Optics Communications, 2014, 316, 217-219.	1.0	2
106	3D resonator based on luminescence enhanced by both polarized, size-dependent whispering gallery modes and Fabryâ€“PÃ©rot waveguide modes in individual ZnO micro- and nanonails. Nanoscale, 2014, 6, 5338.	2.8	9
107	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
108	Four-Port Cross-Shaped Circulator Based on Two-Dimensional Magneto-Photonic Crystals. Guangxue Xuebao/Acta Optica Sinica, 2014, 34, 1023001.	0.2	3

#	Article	IF	Citations
109	Threeî€‘port Y Junction Optical Circulator Using a Ferrite Cylinder in Two dimensional Magnetoî€‘photonic Crystals. Guangzi Xuebao/Acta Photonica Sinica, 2014, 43, 623002.	0.1	0
110	Porous-Core Photonic Crystal Fiber for Low Loss Terahertz Wave Guiding. IEEE Photonics Technology Letters, 2013, 25, 1454-1457.	1.3	119
111	Designs of photonic crystal nanocavities for stimulated Raman scattering in diamond. Applied Physics B: Lasers and Optics, 2013, 113, 457-462.	1.1	2
112	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
113	All-optical tunable filters based on optomechanical effects in two-dimensional photonic crystal cavities. Optics Letters, 2013, 38, 4362.	1.7	10
114	Design of polarization beam splitter based on coupled rods in a square-lattice photonic crystal. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 2043.	0.9	16
115	Photonic-crystal structures with polarized-wave-guiding property and their applications in the mid and far infrared wave bands. Optics Express, 2013, 21, 25592.	1.7	8
116	A new method to improve the sensitivity of THz sensor based on combined photonic crystal microcavities. , 2013, , .		0
117	Compact and low-power optical logic NOT gate based on photonic crystal waveguides without optical amplifiers and nonlinear materials. Applied Optics, 2012, 51, 680.	0.9	69
118	On the analysis of two-dimensional magnetic-photonic crystal circulator in microwave band. , 2012, , .		0
119	Synthesis, characterization and cathodoluminescence of self-assembled 1D ZnO/In2O3 nano-heterostructures. CrystEngComm, 2012, 14, 6888.	1.3	21
120	Field emission properties originated from 2D electronics gas successively tunneling for 1D heterostructures of ZnO nanobelts decorated with In2O3 nanoteeth. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	9
121	Photoluminescence and field emission of 1D ZnO nanorods fabricated by thermal evaporation. Applied Physics A: Materials Science and Processing, 2012, 108, 195-200.	1.1	13
122	T-shaped optical circulator based on coupled magneto-optical rods and a side-coupled cavity in a square-lattice photonic crystal. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 646-649.	0.9	31
123	Athermal design for Solc-type f ilter based on PPKTP. Chinese Optics Letters, 2012, 10, S21901-321903.	1.3	1
124	Polarization Beam Splitter Based on Internal Coupled Rods in a Square-Lattice Photonic Crystal. , 2012, , .		0
125	Low-loss Photonic Crystal Fiber for Transmission of Terahertz Waves. , 2012, , .		0
126	A controlled frequency-shifted feedback loop for generation of widely tunable coherent Terahertz waves. , 2012, , .		0

#	Article	IF	Citations
127	Highly directional emission from multi-channel photonic crystal via beam splitting. , 2011, , .		0
128	Multiport photonic crystal circulators created by cascading magneto-optical cavities. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 703.	0.9	43
129	Coupled photonic crystal micro-cavities with ultra-low threshold power for stimulated Raman scattering. Optics Express, 2011, 19, 4795.	1.7	8
130	A new kind of unidirectional waveguides. , 2011, , .		2
131	Quasi-phase-matched optical activity effect inÂâ€œgyroelectricâ€•crystals andÂits applications. Applied Physics B: Lasers and Optics, 2010, 98, 107-111.	1.1	2
132	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
133	Terahertz subwavelength filters based on a 2D lattice ofÂmetalÂwires. Applied Physics B: Lasers and Optics, 2010, 101, 305-310.	1.1	2
134	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
135	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
136	POWER-LOSSLESS CHANNEL SWITCH BASED ON LATTICE SOLITONS. Modern Physics Letters B, 2010, 24, 297-304.	1.0	0
137	A Combined Cavity with Improved Performance under Simultaneous Resonance of Sub-cavities. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2010, 6, 406-410.	0.4	1
138	An approximately omnidirectional defect mode of the TE wave from one-dimensional photonic crystals doped by negative-index materials. Journal of Optics, 2009, 11, 045103.	1.5	9
139	Omnidirectional and multi-channel filtering by photonic quantum wells with negative-index materials. Optics Express, 2009, 17, 5861.	1.7	10
140	A photonic-crystal polarizer integrated with the functions of narrow bandpass and narrow transmission-angle filtering. Applied Physics B: Lasers and Optics, 2008, 90, 127-131.	1.1	36
141	Realization of absolute negative refraction index by a photonic crystal using anisotropic dielectric material. Chinese Optics Letters, 2008, 6, 57-60.	1.3	1
142	Photonic structures based on dielectric and magnetic one-dimensional photonic crystals for wide omnidirectional total reflection. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 297.	0.9	19
143	Single-TM-mode Bragg fibers made of magnetic materials. Optics Express, 2008, 16, 628.	1.7	10
144	All-optical half adder based on cross structures in two-dimensional photonic crystals. Optics Express, 2008, 16, 18992.	1.7	130

#	Article	IF	Citations
145	Mode competition in a large-orbit coaxial-waveguide cyclotron autoresonance maser (CARM) amplifier. Journal Physics D: Applied Physics, 2008, 41, 015501.	1.3	8
146	Dispersion-induced localized modes in weakly random media. , 2007, , .		0
147	A combined cavity for high sensitivity THz signal detection. Proceedings of SPIE, 2007, , .	0.8	4
148	Threshold behavior of defect modes in one-dimensional active photonic crystal. , 2007, , .		0
149	Nonlinear analysis of a large-orbit coaxial-waveguide cyclotron autoresonance maser amplifier. Journal of Applied Physics, 2007, 102, 074516.	1.1	6
150	A kind of planar photonic crystal micro-cavity. , 2005, , .		0
151	Huge group-velocity dispersion in a photonic crystal. , 2005, , .		2
152	A complex photonic crystal cavity with improved properties of optical filtering. , 2005, , .		0
153	Self-consistent nonlinear investigation of an outer-slotted-coaxial waveguide gyroton traveling-wave amplifier. IEEE Transactions on Plasma Science, 2005, 33, 1013-1018.	0.6	12
154	Nonlinear theory of a cyclotron autoresonance maser (CARM) amplifier with outer-slotted-coaxial waveguide. Journal Physics D: Applied Physics, 2005, 38, 1571-1576.	1.3	7
155	Coaxial-Waveguide Gyrotron Amplifier Operating With High Power and Ultrahigh Gain in Millimeter and Submillimeter Waves. IEEE Transactions on Plasma Science, 2004, 32, 981-986.	0.6	11
156	Title is missing!. Journal of Infrared, Millimeter and Terahertz Waves, 2003, 24, 35-41.	0.6	0
157	Title is missing!. Journal of Infrared, Millimeter and Terahertz Waves, 2003, 24, 585-591.	0.6	3
158	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
159	Photonic bandgaps in two-dimensional short-range periodic structures. Journal of Optics, 2002, 4, 23-28.	1.5	4
160	Photonic Crystal Narrow Pass-band Filtersa. Materials Research Society Symposia Proceedings, 2001, 694, 1.	0.1	0
161	Short-Wavelength Three-dimensional Photonic Crystals. , 2000, , 547-550.		0
162	Electrostatic electron cyclotron resonance maser (linear theory). Journal of Applied Physics, 1986, 59, 3621-3626.	1.1	12

#	Article	IF	Citations
163	High buffering capability of silicon-polymer photonic-crystal coupled cavity waveguide. Waves in Random and Complex Media, 0, , 1-16.	1.6	4