Jingjun Xu

List of PR Articles by Year in descending order

234 PR articles	6,346 PR citations	54130 40 PR h-index	53643 76 g-index
260 documents	7512 doc citations	59108 42 h-index	6463 citing authors

#	Article	IF	PR Citations
1	Broadband-Spectral-Responsivity of black silicon photodetector with high gain and sub-bandgap sensitivity by titanium hyperdoping. Optics and Laser Technology, 2024, 171, 110399.	4.9	20
2	Raman characterization of focused ion beam fabricated lithium niobate film. Journal of Applied Physics, 2024, 135, .	2.1	9
3	Electro-Optical Comb Envelope Engineering Based on Mode Crossing. Materials, 2024, 17, 1190.	2.9	2
4	Highly uniform fabrication of femtosecond-laser-modified silicon materials enabled by temporal pulse shaping. Applied Physics Letters, 2024, 124, .	3.0	5
5	Configurable Add-Drop Filter With Stable Insertion Loss for X-Band Microwave Photonics. Journal of Lightwave Technology, 2024, 42, 6057-6062.	3.5	2
6	Topological valley plasmons in twisted monolayer-bilayer graphene moirÃ© superlattices. Physical Review B, 2024, 110, .	3.4	3
7	Giant Kerr nonlinearity of terahertz waves mediated by stimulated phonon polaritons in a microcavity chip. Light: Science and Applications, 2024, 13, .	20.0	9
8	Electro-Optic Response of Polymer-Stabilized Cholesteric Liquid Crystals with Different Polymer Concentrations. Polymers, 2024, 16, 2436.	4.6	3
9	Optical vortex ladder via Sisyphus pumping of Pseudospin. Nature Communications, 2024, 15, .	13.9	8
10	Observation of parity-time symmetry for evanescent waves. Communications Physics, 2024, 7, .	5.3	6
11	High-efficiency and easy-processing thin-film lithium niobate edge coupler. Applied Physics Letters, 2024, 125, .	3.0	7
12	Li+ doping induced zero-thermal quenching in Cs3Zn6â€“â€“B9O21:xEu3+,yLi+ (0 â‰¤ x â‰¤ 0.10, 0.06 â‰¤ y â‰¤ 0.16). Journal of Rare Earths, 2023, 41, 1478-1486.	6.4	7
13	Fano-Like Spectrum With a Quasi-Independent Tuning of Slope Ratio Based on HE Mode Components Coupled Whispering Gallery Mode. Journal of Lightwave Technology, 2023, 41, 2501-2505.	3.5	3
14	Chiral metasurface refractive index sensor with a large figure of merit. Applied Physics Letters, 2023, 122, .	3.0	10
15	Dual-Wavelength Lasing with Orthogonal Circular Polarizations Generated in a Single Layer of a Polymerâ€“Cholesteric Liquid Crystal Superstructure. Polymers, 2023, 15, 1226.	4.6	10
16	Stationary Charge Radiation in Anisotropic Photonic Time Crystals. Physical Review Letters, 2023, 130, .	8.2	40
17	Boosting second harmonic generation by merging bound states in the continuum. Physical Review B, 2023, 107, .	3.4	42
18	Electro-optic modulation using lithium niobate metasurfaces with topological corner state. Applied Physics Letters, 2023, 122, .	3.0	6

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19	Photonic Realization of a Generic Type of Graphene Edge States Exhibiting Topological Flat Band. Physical Review Letters, 2023, 131, .	8.2	35
20	Equilibrium Dynamics of Mutually Confined Waves with Signed Analogous Masses. Physical Review Letters, 2023, 131, .	8.2	2
21	Local chirality at exceptional points in optical whispering-gallery microcavities. Physical Review A, 2023, 108, .	2.7	7
22	Electrically Tunable Two-Color Cholesteric Laser. Polymers, 2023, 15, 4656.	4.6	4
23	High-efficiency edge couplers enabled by vertically tapering on lithium-niobate photonic chips. Applied Physics Letters, 2023, 123, .	3.0	16
24	Robust and low cost in-fiber acousto-optic Machâ€“Zehnder interferometer and its application in a dual-wavelength laser. Applied Optics, 2022, 61, 22.	1.5	4
25	Strain regulated interlayer coupling in WSe₂/WS₂ heterobilayer. Nanotechnology, 2022, 33, 085705.	2.7	9
26	Oxygen vacancy content drives self-reduction and anti-thermal quenching. Journal of Materials Chemistry C, 2022, 10, 4317-4326.	5.1	34
27	Strong in-plane scattering of acoustic graphene plasmons by surface atomic steps. Nature Communications, 2022, 13, .	13.9	12
28	Intense Luminescence and Good Thermal Stability in a Mn²⁺-Activated Mg-Based Phosphor with Self-Reduction. Inorganic Chemistry, 2022, 61, 5495-5501.	4.6	23
29	All-optical modulation of quantum states by nonlinear metasurface. Light: Science and Applications, 2022, 11, .	20.0	62
30	Domain-Wall <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mi>p</mml:mi></mml:math> - <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mi>n</mml:mi></mml:math>	3.9	26
31	Topologically tuned terahertz confinement in a nonlinear photonic chip. Light: Science and Applications, 2022, 11, .	20.0	28
32	Floquet interface states between photonic lattices with opposite chirality. Physical Review A, 2022, 106, .	2.7	5
33	Lightâ€“matter interaction beyond Bornâ€“Oppenheimer approximation mediated by stimulated phonon polaritons. Communications Physics, 2022, 5, .	5.3	7
34	Intrinsic and extrinsic defects build a novel mechanoluminescent phosphor Na₂MgGeO₄:Mn²⁺. Journal of Materials Chemistry C, 2021, 9, 3513-3521.	5.1	45
35	Construction of a novel mechanoluminescent phosphor Li₂MgGeO₄:xMn²⁺ by defect control. Dalton Transactions, 2021, 50, 8803-8810.	3.0	30
36	Compact Dynamic In-Fiber Acoustically-Induced Mach-Zehnder Interferometer Based on Phase Mismatch and Its Application in a Tunable and Switchable Dual-Wavelength Laser. Journal of Lightwave Technology, 2021, 39, 3539-3545.	3.5	6

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37	Bandwidth Tunable Filter Based on Ideal Quasi-Critical Coupling State in WGM Cavity. Journal of Lightwave Technology, 2021, 39, 6547-6552.	3.5	15
38	Crack-free femtosecond laser processing of lithium niobate benefited by high substrate temperature. Journal of Applied Physics, 2021, 129, .	2.1	3
39	Electro-optic lithium niobate metasurfaces. Science China: Physics, Mechanics and Astronomy, 2021, 64, .	6.5	62
40	Designing a Family of Aluminum-Containing Fluoroborate Crystals with Enhanced Birefringence and Second-Harmonic Generation Coefficients Based on the First-Principles Methods. Journal of Physical Chemistry C, 2021, 125, 7431-7438.	3.1	4
41	Machine learning powered ellipsometry. Light: Science and Applications, 2021, 10, .	20.0	81
42	Optically addressed spatial light modulator based on nonlinear metasurface. Photonics Research, 2021, 9, 610.	6.5	10
43	Nonlinear Lithium Niobate Metasurfaces for Second Harmonic Generation. Laser and Photonics Reviews, 2021, 15, .	9.2	107
44	Wavepacket Selfâ€Rotation and Helical Zitterbewegung in Symmetryâ€Broken Honeycomb Lattices. Laser and Photonics Reviews, 2021, 15, .	9.2	11
45	Lone-pair electron effect induced a rapid photorefractive response in site-controlled LiNbO3:Bi,M (M =) Tj ETQq1 1 0.784314 rgBT /Over	3.0	15
46	Observation of â€œFrozenâ€Phaseâ€•Propagation of THz Pulses in a Dispersive Optical System. Laser and Photonics Reviews, 2021, 15, .	9.2	6
47	All-Fiber Frequency Shifter Based on an Acousto-Optic Tunable Filter Cascaded with a Tapered Fiber-Coupled Microcavity. Crystals, 2021, 11, 497.	2.2	3
48	Optical pulling force arising from nonparaxial accelerating beams. Physical Review A, 2021, 103, .	2.7	15
49	Giant enhancement of THz-frequency optical nonlinearity by phonon polariton in ionic crystals. Nature Communications, 2021, 12, .	13.9	44
50	Defectâ€Induced Selfâ€Reduction and Antiâ€Thermal Quenching in NaZn(PO₃)₃:Mn²⁺ Red Phosphor. Advanced Optical Materials, 2021, 9, .	7.0	117
51	Nanoinfrared Characterization of Bilayer Graphene Conductivity under Dual-Gate Tuning. Nano Letters, 2021, 21, 5151-5157.	8.7	17
52	Integrated lithium niobate single-mode lasers by the Vernier effect. Science China: Physics, Mechanics and Astronomy, 2021, 64, .	6.5	55
53	Unveiling the Link between Airy-like Self-Acceleration and Diametric Drive Acceleration. Physical Review Letters, 2021, 127, .	8.2	15
54	Nonlinear control of photonic higher-order topological bound states in the continuum. Light: Science and Applications, 2021, 10, .	20.0	152

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55	Topological Valley Transport of Terahertz Phononâ€“Polaritons in a LiNbO₃ Chip. ACS Photonics, 2021, 8, 2737-2745.	6.0	20
56	Topologically Enhanced Circular Dichroism from Metasurfaces. Physical Review Applied, 2021, 16, .	3.9	9
57	Linewidth narrowing of aluminum breathing plasmon resonances in Bragg grating decorated nanodisks. Nanoscale Advances, 2021, 3, 4286-4291.	4.5	2
58	Realization of Second-Order Photonic Square-Root Topological Insulators. ACS Photonics, 2021, 8, 3308-3314.	6.0	35
59	Bessel-modulated autofocusing beams for optimal trapping implementation. Physical Review A, 2021, 104, .	2.7	27
60	Self-Reduction-Related Defects, Long Afterglow, and Mechanoluminescence in Centrosymmetric Li₂ZnGeO₄:Mn²⁺. Inorganic Chemistry, 2021, 60, 18432-18441.	4.6	68
61	Transfer matrix method for light propagation in variable complex chiral media. Physical Review E, 2021, 104, .	2.1	9
62	p-Type conductivity mechanism and defect structure of nitrogen-doped LiNbO₃ from first-principles calculations. Physical Chemistry Chemical Physics, 2020, 22, 20-27.	2.7	11
63	Ultrastrong coupling of CdZnS/ZnS quantum dots to bonding breathing plasmons of aluminum metalâ€“insulatorâ€“metal nanocavities in near-ultraviolet spectrum. Nanoscale, 2020, 12, 3112-3120.	5.0	13
64	Lattice Collective Interaction Engineered Optical Activity in Metamaterials. Advanced Optical Materials, 2020, 8, .	7.0	18
65	The dark current suppression of black silicon photodetector by a lateral heterojunction. Optical Materials, 2020, 110, 110474.	4.0	17
66	Unveiling Chiral Phase Evolution in Rabi Oscillations from a Photonic Setting. Physical Review Letters, 2020, 125, .	8.2	5
67	Nontrivial coupling of light into a defect: the interplay of nonlinearity and topology. Light: Science and Applications, 2020, 9, .	20.0	103
68	Nano-Domains Produced through a Two-Step Poling Technique in Lithium Niobate on Insulators. Materials, 2020, 13, 3617.	2.9	6
69	Direct Reading of the Nonlinear Optical Response via Spatial Mapping. Physical Review Applied, 2020, 14, .	3.9	6
70	Phase-Transition Optical Activity in Chiral Metamaterials. Physical Review Letters, 2020, 125, .	8.2	20
71	Intuitive model of exceptional points in an optical whispering-gallery microcavity perturbed by nanoparticles. Physical Review A, 2020, 101, .	2.7	10
72	Black Silicon Photodetector with Excellent Comprehensive Properties by Rapid Thermal Annealing and Hydrogenated Surface Passivation. Advanced Optical Materials, 2020, 8, .	7.0	94

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73	Improvement on Thermal Stability of Nano-Domains in Lithium Niobate Thin Films. Crystals, 2020, 10, 74.	2.2	10
74	Intense green elastico-mechanoluminescence from KZn(PO3)3:Tb3+. Applied Physics Letters, 2020, 116, .	3.0	19
75	Intercellular Bridge Mediates Ca2+ Signals between Micropatterned Cells via IP3 and Ca2+ Diffusion. Biophysical Journal, 2020, 118, 1196-1204.	2.2	8
76	Universal momentum-to-real-space mapping of topological singularities. Nature Communications, 2020, 11, .	13.9	36
77	Interstitial oxygen defect induced mechanoluminescence in KCa(PO₃)₃:Mn²⁺. Journal of Materials Chemistry C, 2020, 8, 6587-6594.	5.1	47
78	Spontaneous diametric-drive acceleration initiated by a single beam in a photonic lattice. Optics Letters, 2020, 45, 3175.	3.0	8
79	Second-harmonic generation and its nonlinear depolarization from lithium niobate thin films. Optics Letters, 2020, 45, 145.	3.0	20
80	Second-harmonic generation using d₃₃ in periodically poled lithium niobate microdisk resonators. Photonics Research, 2020, 8, 311.	6.5	80
81	Low threshold random lasing in dye-doped and strongly disordered chiral liquid crystals. Photonics Research, 2020, 8, 642.	6.5	22
82	Advances in on-chip photonic devices based on lithium niobate on insulator. Photonics Research, 2020, 8, 1910.	6.5	331
83	Photonic flat-band lattices and unconventional light localization. Nanophotonics, 2020, 9, 1161-1176.	6.2	107
84	Cavity-cavity coupling based on a terahertz rectangular subwavelength waveguide. Journal of Applied Physics, 2019, 126, .	2.1	3
85	Rhein inhibits ATP-triggered inflammatory responses in rheumatoid rat fibroblast-like synoviocytes. International Immunopharmacology, 2019, 75, 105780.	4.3	34
86	Hypotonic Stress Induces Fast, Reversible Degradation of the Vimentin Cytoskeleton via Intracellular Calcium Release. Advanced Science, 2019, 6, .	12.7	32
87	A graphene Pâ€“N junction induced by single-gate control of dielectric structures. Journal of Materials Chemistry C, 2019, 7, 8796-8802.	5.1	10
88	Robust propagation of pin-like optical beam through atmospheric turbulence. APL Photonics, 2019, 4, .	4.4	85
89	Synthesis, structure and characterization of M(IO₃)₂(HIO₃) (M =) Tj ETQq1 1 0.784314 rgBT /O Transactions, 2019, 48, 13074-13080.	3.0	14
90	Growth and theoretical study on the deep-ultraviolet transparent Î²-CsBa₂(PO₃)₅ nonlinear optical crystal. CrystEngComm, 2019, 21, 4690-4695.	2.4	10

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91	High-Performance Free-Standing Flexible Photodetectors Based on Sulfur-Hyperdoped Ultrathin Silicon. ACS Applied Materials & Interfaces, 2019, 11, 42385-42391.	8.0	42
92	Enhancement of Photorefraction in Vanadium-Doped Lithium Niobate through Iron and Zirconium Co-Doping. Materials, 2019, 12, 3143.	2.9	9
93	Experimental observed plasmon near-field response in isolated suspended graphene resonators. Nanotechnology, 2019, 30, 505201.	2.7	6
94	Graphene Plasmonic Tamm States with Ultracompact Footprint. Physical Review Applied, 2019, 12, .	3.9	8
95	Fabrication and Characteristics of Heavily Fe-Doped LiNbO3/Si Heterojunction. Materials, 2019, 12, 2659.	2.9	7
96	Broadband on-Chip Terahertz Asymmetric Waveguiding via Phase-Gradient Metasurface. ACS Photonics, 2019, 6, 1774-1779.	6.0	41
97	Real-time dynamic holographic display realized by bismuth and magnesium co-doped lithium niobate. Applied Physics Letters, 2019, 114, .	3.0	23
98	Coexistence of self-reduction from Mn⁴⁺to Mn²⁺and elastico-mechanoluminescence in diphase KZn(PO₃)₃:Mn²⁺. Journal of Materials Chemistry C, 2019, 7, 7096-7103.	5.1	67
99	The Photorefractive Response of Zn and Mo Codoped LiNbO3 in the Visible Region. Crystals, 2019, 9, 228.	2.2	13
100	Enhanced on-chip terahertz sensing with hybrid metasurface/lithium niobate structures. Applied Physics Letters, 2019, 114, .	3.0	32
101	Optical force-induced nonlinearity and self-guiding of light in human red blood cell suspensions. Light: Science and Applications, 2019, 8, .	20.0	62
102	P-Type Lithium Niobate Thin Films Fabricated by Nitrogen-Doping. Materials, 2019, 12, 819.	2.9	19
103	Valley Vortex States and Degeneracy Lifting via Photonic Higher-Band Excitation. Physical Review Letters, 2019, 122, .	8.2	28
104	Microfluidic assemblies designed for assessment of drug effects on deformability of human erythrocytes. Biochemical and Biophysical Research Communications, 2019, 512, 303-309.	2.1	15
105	Lithium Niobate Metasurfaces. Laser and Photonics Reviews, 2019, 13, .	9.2	76
106	Uniform deep-subwavelength ripples produced on temperature controlled LiNbO3:Fe crystal surface via femtosecond laser ablation. Applied Surface Science, 2019, 478, 779-783.	6.7	23
107	Enhance stable coupling region of a high-Q WGM up to micrometer. Applied Physics Letters, 2019, 115, .	3.0	8
108	Linear Tuning of Phase-Matching Temperature in LiNbO3:Zr Crystals by MgO Co-Doping. Materials, 2019, 12, 4155.	2.9	3

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109	Regulation of intracellular Ca2+/CaMKII signaling by TRPV4 membrane translocation during osteoblastic differentiation. Biophysics Reports, 2019, 5, 254-263.	1.5	8
110	Visualizing a Nonlinear Response in a SchrÃ¶dinger Wave. Physical Review Letters, 2019, 123, .	8.2	18
111	Effect of Defects on Spontaneous Polarization in Pure and Doped LiNbO3: First-Principles Calculations. Materials, 2019, 12, 100.	2.9	25
112	Polarization-modified Fano line shape spectrum with a single whispering gallery mode. Science China: Physics, Mechanics and Astronomy, 2019, 63, .	6.5	13
113	On-chip plasmon-induced transparency in THz metamaterial on a LiNbO₃ subwavelength planar waveguide. Optics Express, 2019, 27, 7373.	3.0	11
114	Polarization-resolved edge states in terahertz topological photonic crystal. Optics Express, 2019, 27, 22819.	3.0	27
115	Optical generation and control of spatial Riemann waves. Optics Letters, 2019, 44, 3542.	3.0	9
116	Coherent propulsion with negative-mass fields in a photonic lattice. Optics Letters, 2019, 44, 5949.	3.0	15
117	Guiding and routing of a weak signal via a reconfigurable gravity-like potential. Photonics Research, 2019, 7, 1087.	6.5	8
118	Real-space mapping of mid-infrared near-field of Yagi-Uda antenna in the emission mode. Optics Express, 2019, 27, 5884.	3.0	3
119	Spatiotemporal Characteristics of Intercellular Calcium Wave Communication in Micropatterned Assemblies of Single Cells. ACS Applied Materials & Interfaces, 2018, 10, 2937-2945.	8.0	11
120	Giant circular dichroism of large-area extrinsic chiral metal nanocrecents. Scientific Reports, 2018, 8, .	3.5	27
121	Cathodoluminescence nanoscopy of open single-crystal aluminum plasmonic nanocavities. Nanoscale, 2018, 10, 22357-22361.	5.0	11
122	Quasicritical coupling in a few-mode tapered-fiber coupled whispering-gallery-mode system. Physical Review A, 2018, 98, .	2.7	12
123	Unconventional Flatband Line States in Photonic Lieb Lattices. Physical Review Letters, 2018, 121, .	8.2	128
124	Enhanced photorefractive properties of indium co-doped LiNbO3:Mo crystals. AIP Advances, 2018, 8, .	1.2	9
125	Coupling of Defect Modes in Cholesteric Liquid Crystals Separated by Isotropic Polymeric Layers. Polymers, 2018, 10, 805.	4.6	16
126	Observation of spatial optical diametric drive acceleration in photonic lattices. Optics Letters, 2018, 43, 118.	3.0	20

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127	Nanoscale beam splitters based on gradient metasurfaces. Optics Letters, 2018, 43, 267.	3.0	84
128	Observation of microscale nonparaxial optical bottle beams. Optics Letters, 2018, 43, 3878.	3.0	17
129	Near-field imaging of graphene triangles patterned by helium ion lithography. Nanotechnology, 2018, 29, 385205.	2.7	11
130	Evolution and Coupling of Plasmonic Modes in Single-Crystal Aluminum Nanoridge Antennas. ACS Photonics, 2018, 5, 2983-2989.	6.0	13
131	Room temperature 90Â° phase-matching in zirconium and magnesium co-doped lithium niobate crystals. Scientific Reports, 2018, 8, .	3.5	4
132	Analysis of the structure and abnormal photoluminescence of a red-emitting LiMgBO₃:Mn²⁺ phosphor. Dalton Transactions, 2018, 47, 13094-13105.	3.0	23
133	Femtosecond laser-induced periodic surface structures on lithium niobate crystal benefiting from sample heating. Photonics Research, 2018, 6, 789.	6.5	30
134	Periodically poled lithium niobate whispering gallery mode microcavities on a chip. Science China: Physics, Mechanics and Astronomy, 2018, 61, .	6.5	42
135	Unidirectional Optical Transmission in a Single-Layer Metallic Grating Consisting of Cambered Resonators. IEEE Photonics Journal, 2018, 10, 1-8.	1.8	1
136	Propagation of THz pulses in rectangular subwavelength dielectric waveguides. Journal of Applied Physics, 2018, 123, .	2.1	7
137	Selective Polarization Modification of Upconversion Luminescence of NaYF₄:Yb³⁺,Er³⁺ Nanoparticles by Plasmonic Nanoantenna Arrays. Journal of Physical Chemistry C, 2018, 122, 15666-15672.	3.1	21
138	Hypotonic stress promotes ATP release, reactive oxygen species production and cell proliferation via TRPV4 activation in rheumatoid arthritis rat synovial fibroblasts. Biochemical and Biophysical Research Communications, 2017, 486, 108-115.	2.1	28
139	Vertical microgoblet resonator with high sensitivity fabricated by direct laser writing on a Si substrate. Journal of Applied Physics, 2017, 121, .	2.1	6
140	Inâ€Plane Electrical Connectivity and Nearâ€Field Concentration of Isolated Graphene Resonators Realized by Ion Beams. Advanced Materials, 2017, 29, .	24.5	25
141	Sm³⁺ and Eu³⁺ codoped SrBi₂B₂O₇: a red-emitting phosphor with improved thermal stability. RSC Advances, 2017, 7, 1146-1153.	4.4	58
142	Controllable oscillatory lateral coupling in a waveguide-microdisk-resonator system. Scientific Reports, 2017, 7, .	3.5	11
143	Cherenkov Radiation Control via Self-accelerating Wave-packets. Scientific Reports, 2017, 7, .	3.5	20
144	Protection of the biconcave profile of human erythrocytes against osmotic damage by ultraviolet-A irradiation through membrane-cytoskeleton enhancement. Cell Death Discovery, 2017, 3, .	6.3	6

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145	Unveiling quasi-dark surface plasmon modes in Au nanoring cavities by cathodoluminescence. Scientific Reports, 2017, 7, .	3.5	10
146	Single-block pulse-on electro-optic Q-switch made of LiNbO 3. Scientific Reports, 2017, 7, .	3.5	16
147	Surface enhancement of THz wave by coupling a subwavelength LiNbO3 slab waveguide with a composite antenna structure. Scientific Reports, 2017, 7, .	3.5	8
148	Efficient generation and frequency modulation of quasi-monochromatic terahertz wave in Lithium Niobate subwavelength waveguide. Optics Express, 2017, 25, 14766.	3.0	10
149	Tunable dual-wavelength fiber laser with unique gain system based on in-fiber acousto-optic Machâ€“Zehnder interferometer. Optics Express, 2017, 25, 27609.	3.0	28
150	Improvement in the Photorefractive Response Speed and Mechanism of Pure Congruent Lithium Niobate Crystals by Increasing the Polarization Current. Crystals, 2017, 7, 368.	2.2	6
151	Nucleotide transmitters ATP and ADP mediate intercellular calcium wave communication via P2Y12/13 receptors among BV-2 microglia. PLoS ONE, 2017, 12, e0183114.	2.4	43
152	Lithium Diffusion in Lithium Niobate Crystals with Different Initial Li₂O Content at High Temperature. Journal of the American Ceramic Society, 2016, 99, 3055-3059.	3.7	4
153	Nanofocusing of the free-space optical energy with plasmonic Tamm states. Scientific Reports, 2016, 6, .	3.5	7
154	Growth, Properties, and Theoretical Analysis of KBa₂(PO₃)₅ Single Crystal. Crystal Growth and Design, 2016, 16, 5588-5592.	3.4	51
155	Tailorable reflection of surface plasmons in defect engineered graphene. 2D Materials, 2016, 3, 045001.	4.2	18
156	Tunable in-fiber Mach-Zehnder interferometer driven by unique acoustic transducer and its application in tunable multi-wavelength laser. Optics Express, 2016, 24, 2406.	3.0	19
157	Photorefractive surface nonlinearly chirped waveguide arrays. Physical Review A, 2016, 93, .	2.7	11
158	The simultaneous enhancement of photorefraction and optical damage resistance in MgO and Bi2O3 co-doped LiNbO3 crystals. Scientific Reports, 2016, 6, .	3.5	25
159	Crystal growth and optical characteristics of beryllium-free polyphosphate, KLa(PO3)4, a possible deep-ultraviolet nonlinear optical crystal. Scientific Reports, 2016, 6, .	3.5	96
160	Organicâ€“inorganic perovskite plasmonic nanowire lasers with a low threshold and a good thermal stability. Nanoscale, 2016, 8, 19536-19540.	5.0	102
161	Threshold Dependence of Deep- and Near-subwavelength Ripples Formation on Natural MoS2 Induced by Femtosecond Laser. Scientific Reports, 2016, 6, .	3.5	19
162	Tunable Band-Stop Filters for Graphene Plasmons Based on Periodically Modulated Graphene. Scientific Reports, 2016, 6, .	3.5	68

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163	Nonlocal Immunized Mid-Infrared Magnetic Hot Spots in Graphene Junctions. Plasmonics, 2016, 11, 1481-1486.	3.8	1
164	Fabrication and formation mechanism of p-type lithium niobate crystals by molybdenum doping and polarization. Journal of Materials Science: Materials in Electronics, 2016, 27, 5886-5891.	2.1	5
165	Crystal Structure of High-Temperature Phase Î²-NaSrBO₃ and Photoluminescence of Î²-NaSrBO₃:Ce³⁺. Inorganic Chemistry, 2016, 55, 6487-6495.	4.6	30
166	Mode conversion in a tapered fiber via a whispering gallery mode resonator and its application as add/drop filter. Optics Letters, 2016, 41, 638.	3.0	24
167	Bending light via adiabatic optical transition in longitudinally modulated photonic lattices. Scientific Reports, 2015, 5, .	3.5	1
168	Photo-Hall effect in highly Mg-doped lithium niobate crystals. Applied Physics Letters, 2015, 107, .	3.0	5
169	Lithiumâ€Niobateâ€“Silica Hybrid Whisperingâ€Galleryâ€Mode Resonators. Advanced Materials, 2015, 27, 8075-8081.	24.5	52
170	The photorefractive characteristics of bismuth-oxide doped lithium niobate crystals. AIP Advances, 2015, 5, .	1.2	17
171	Mode characteristics of silver-coated inverted-wedge silica microdisks. Science China: Physics, Mechanics and Astronomy, 2015, 58, .	6.5	5
172	Unveiling pseudospin and angular momentum in photonic graphene. Nature Communications, 2015, 6, .	13.9	164
173	Linearly Polarized Light Emission from Quantum Dots with Plasmonic Nanoantenna Arrays. Nano Letters, 2015, 15, 2951-2957.	8.7	56
174	Growth, Structure, Thermal Properties and Spectroscopic Characteristics of Nd3+-Doped KGdP4O12 Crystal. PLoS ONE, 2014, 9, e100922.	2.4	5
175	Tunable Resonances in the Plasmonic Split-Ring Resonator. IEEE Photonics Journal, 2014, 6, 1-6.	1.8	18
176	Dynamical deformed Airy beams with arbitrary angles between two wings. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 1468.	1.3	24
177	Site occupancy and photoluminescence properties of Eu³⁺-activated Ba₂ZnB₂O₆ phosphor. RSC Advances, 2014, 4, 64244-64251.	4.4	43
178	Quantum correlation of path-entangled two-photon states in waveguide arrays with defects. AIP Advances, 2014, 4, 047117.	1.2	2
179	Lensless imaging based on coherent backscattering in random media. AIP Advances, 2014, 4, 087124.	1.2	1
180	Broadband asymmetric transmission of optical waves from spiral plasmonic metamaterials. Applied Physics Letters, 2014, 104, .	3.0	31

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