

Yong-Yuan Jiang

List of Publications by Year in descending order

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182
papers

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2151
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#	ARTICLE	IF	CITATIONS
1	Full-color hologram using spatial multiplexing of dielectric metasurface. <i>Optics Letters</i> , 2016, 41, 147.	1.7	115
2	Dielectric Huygens's™ Metasurface for High-Efficiency Hologram Operating in Transmission Mode. <i>Scientific Reports</i> , 2016, 6, 30613.	1.6	113
3	Wide-angle, polarization-independent and dual-band infrared perfect absorber based on L-shaped metamaterial. <i>Optics Express</i> , 2015, 23, 8670.	1.7	105
4	Holographic fabrication of multiple layers of grating inside soda-lime glass with femtosecond laser pulses. <i>Applied Physics Letters</i> , 2002, 80, 1508-1510.	1.5	99
5	Fano resonance in all-dielectric binary nanodisk array realizing optical filter with efficient linewidth tuning. <i>Optics Express</i> , 2015, 23, 6858.	1.7	71
6	Apparent Negative Reflection with the Gradient Acoustic Metasurface by Integrating Supercell Periodicity into the Generalized Law of Reflection. <i>Scientific Reports</i> , 2016, 6, 38314.	1.6	65
7	Diffusional enhancement of volume gratings as an optimized strategy for holographic memory in PQ-PMMA photopolymer. <i>Optics Express</i> , 2010, 18, 6447.	1.7	53
8	Experimental realization of all-angle negative refraction in acoustic gradient metasurface. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	51
9	Structure and Piezoelectric Properties of Fe-Doped Potassium Sodium Niobate Tantalate Lead-Free Ceramics. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2489-2493.	1.9	44
10	Photovoltaic solitons in two-photon photorefractive materials under open-circuit conditions. <i>Optics Communications</i> , 2007, 273, 544-548.	1.0	43
11	Controllable and enhanced nanojet effects excited by surface plasmon polariton. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	42
12	Second harmonic generation in Janus MoSSe a monolayer and stacked bulk with vertical asymmetry. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 21022-21029.	1.3	42
13	Mutual diffusion dynamics with nonlocal response in SiO ₂ nanoparticles dispersed PQ-PMMA bulk photopolymer. <i>Optics Express</i> , 2011, 19, 13787.	1.7	41
14	Controllable asymmetric transmission via gap-tunable acoustic metasurface. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	41
15	Fano resonance based optical modulator reaching 85% modulation depth. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	40
16	Holographic storage stability in PQ-PMMA bulk photopolymer. <i>Optics Communications</i> , 2010, 283, 4219-4223.	1.0	39
17	High-efficiency tunable circular asymmetric transmission using dielectric metasurface integrated with graphene sheet. <i>Optics Express</i> , 2017, 25, 19732.	1.7	38
18	Nonlinear Wavefront Control by Geometric-Phase Dielectric Metasurfaces: Influence of Mode Field and Rotational Symmetry. <i>Advanced Optical Materials</i> , 2020, 8, 1902050.	3.6	38

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19	Robust and highly efficient discrimination of chiral molecules through three-mode parallel paths. <i>Physical Review A</i> , 2019, 100, .	1.0	37
20	Two-Path Interference for Enantiomer-Selective State Transfer of Chiral Molecules. <i>Physical Review Applied</i> , 2020, 13, .	1.5	37
21	Enhanced Shift Currents in Monolayer 2D GeS and SnS by Strain-Induced Band Gap Engineering. <i>ACS Omega</i> , 2020, 5, 17207-17214.	1.6	32
22	Optical magnetic field enhancement through coupling magnetic plasmons to Tamm plasmons. <i>Optics Express</i> , 2012, 20, 19160.	1.7	31
23	Resilient quantum gates on periodically driven Rydberg atoms. <i>Physical Review A</i> , 2021, 103, .	1.0	31
24	The generation of acoustic Airy beam with selective band based on binary metasurfaces: Customized on demand. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	28
25	Enhanced magnetic response in a gold nanowire pair array through coupling with Bloch surface waves. <i>Optics Letters</i> , 2011, 36, 2414.	1.7	27
26	Study on holographic characteristics in ZnMA doped PQ-PMMA photopolymer. <i>Optics Communications</i> , 2011, 284, 2784-2788.	1.0	27
27	All-dielectric circular polarizer with nearly unit transmission efficiency based on cascaded tensor Huygens surface. <i>Optics Express</i> , 2016, 24, 17738.	1.7	27
28	Design and simulation of a GST-based metasurface with strong and switchable circular dichroism. <i>Optics Letters</i> , 2022, 47, 1907.	1.7	27
29	Enhancing sensitivity to ambient refractive index with tunable few-layer graphene/hBN nanoribbons. <i>Photonics Research</i> , 2019, 7, 815.	3.4	26
30	Structure and refractive index dispersive behavior of potassium niobate tantalate films prepared by pulsed laser deposition. <i>Applied Surface Science</i> , 2011, 257, 7221-7225.	3.1	25
31	Enhancement of coherent dipole coupling between two atoms via squeezing a cavity mode. <i>Physical Review A</i> , 2019, 99, .	1.0	25
32	Characteristics of holographic scattering and its application in determining kinetic parameters in PQ-PMMA photopolymer. <i>Applied Physics B: Lasers and Optics</i> , 2009, 95, 513-518.	1.1	24
33	Experimental demonstration of sharp Fano resonance within binary gold nanodisk array through lattice coupling effects. <i>Optics Letters</i> , 2015, 40, 93.	1.7	24
34	Effective Rabi dynamics of Rydberg atoms and robust high-fidelity quantum gates with a resonant amplitude-modulation field. <i>Optics Letters</i> , 2020, 45, 1200.	1.7	24
35	Growth and optical properties of paraelectric $K_{1-y}Na_yTa_{1-x}Nb_xO_3$ single crystals. <i>Applied Physics B: Lasers and Optics</i> , 2008, 91, 75-78.	1.1	23
36	Broadband acoustic focusing via binary rectangular cavity/Helmholtz resonator metasurface. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	22

#	ARTICLE	IF	CITATIONS
37	Cylindrical Kadomtsevâ€“Petviashvili equation for relativistically magnetosonic solitary wave in the collisionless plasma. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 355, 386-389.	0.9	21
38	Improvement of blue photorefractive properties in In-doped LiNbO ₃ :Fe:Cu crystals. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 115413.	1.3	21
39	High-efficiency beam manipulation combining geometric phase with anisotropic Huygens surface. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	21
40	Multi-qubit phase gate on multiple resonators mediated by a superconducting bus. <i>Optics Express</i> , 2020, 28, 1954.	1.7	21
41	Enhanced Phonon Blockade in a Weakly Coupled Hybrid System via Mechanical Parametric Amplification. <i>Physical Review Applied</i> , 2022, 17, .	1.5	21
42	The threshold effect of incident exposure energy flux for photorefractive light-induced scattering in doped lithium niobate crystals. <i>Optical Materials</i> , 2009, 31, 1678-1683.	1.7	20
43	Effect of oxygen atmosphere on the structure and refractive index dispersive behavior of KTa _{0.5} Nb _{0.5} O ₃ thin films prepared by PLD on Si(001) substrates. <i>Applied Surface Science</i> , 2012, 258, 3986-3990.	3.1	20
44	Full-angle negative reflection realized by a gradient acoustic metasurface. <i>AIP Advances</i> , 2016, 6, .	0.6	20
45	All-angle Negative Reflection with An Ultrathin Acoustic Gradient Metasurface: Floquet-Bloch Modes Perspective and Experimental Verification. <i>Scientific Reports</i> , 2017, 7, 13852.	1.6	20
46	Systematic-Error-Tolerant Multiqubit Holonomic Entangling Gates. <i>Physical Review Applied</i> , 2021, 16, .	1.5	20
47	Kinetics of the formation of space-charge field in photorefractive polymers. <i>Journal of Applied Physics</i> , 2000, 88, 5562-5569.	1.1	19
48	Holographic grating formation in SiO ₂ nanoparticle-dispersed PQ-PMMA photopolymer. <i>Optics and Laser Technology</i> , 2012, 44, 882-887.	2.2	19
49	Highly Sensitive Plasmonic Sensor Based on Fano Resonance from Silver Nanoparticle Heterodimer Array on a Thin Silver Film. <i>Plasmonics</i> , 2014, 9, 499-505.	1.8	18
50	Non-Markovian decay of a three-level λ -type atom in a photonic-band-gap reservoir. <i>Physical Review A</i> , 2006, 73, .	1.0	17
51	Enhancement of nonvolatile blue photorefractive properties in LiNbO ₃ :In:Fe:Cu crystals. <i>Applied Physics B: Lasers and Optics</i> , 2008, 92, 83-87.	1.1	17
52	Photorefractive properties of paraelectric potassium lithium tantalate niobate crystal doped with iron. <i>Optics Communications</i> , 2008, 281, 1720-1724.	1.0	17
53	Dipole and quadrupole trapped modes within bi-periodic Silicon particle array realizing three-channel refractive sensing. <i>Optics Express</i> , 2014, 22, 31277.	1.7	17
54	Large-scale Greenberger-Horne-Zeilinger states through a topologically protected zero-energy mode in a superconducting qutrit-resonator chain. <i>Physical Review A</i> , 2021, 103, .	1.0	17

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55	One-step implementation of Rydberg-antiblockade SWAP and controlled-SWAP gates with modified robustness. <i>Photonics Research</i> , 2021, 9, 814.	3.4	17
56	Discrimination of enantiomers through quantum interference and quantum Zeno effect. <i>Optics Express</i> , 2020, 28, 33475.	1.7	17
57	Study on the mechanism of dark enhancement in phenanthrenequinone-doped poly(methyl Tj ETQq1 1 0.784314 $\mu\text{gBT} / \text{Overlock 10}$	1.0	16
58	Asymmetric acoustic beam shaping based on monolayer binary metasurfaces. <i>Applied Physics Express</i> , 2021, 14, 085504.	1.1	16
59	Influence of dust particles on positive column of DC glow discharge. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	15
60	Photonic topological Weyl degeneracies and ideal type-I Weyl points in the gyromagnetic metamaterials. <i>Physical Review B</i> , 2021, 103, .	1.1	15
61	Wavelength-selected bifunctional beam shaping for transmitted acoustic waves via coding metasurface. <i>Applied Acoustics</i> , 2022, 194, 108786.	1.7	15
62	Pulse Controlled All-Optical Logic Gate Based on Nonlinear Ring Resonator Realizing All Fundamental Logic Operations. <i>Plasmonics</i> , 2015, 10, 311-317.	1.8	14
63	Mechanism of mechanically induced optoelectronic and spintronic phase transitions in 1D graphene spirals: insight into the role of interlayer coupling. <i>Nanoscale</i> , 2017, 9, 9693-9700.	2.8	14
64	Frequency-tunable and functionality-switchable polarization device using silicon strip array integrated with a graphene sheet. <i>Optical Materials Express</i> , 2017, 7, 4277.	1.6	14
65	Fast coherent manipulation of quantum states in open systems. <i>Optics Express</i> , 2016, 24, 21674.	1.7	13
66	NiX ₂ (X = S, Se, and Te) Monolayers: Promising Anodes in Li/Na-Ion Batteries and Superconductors. <i>Journal of Physical Chemistry C</i> , 2022, 126, 6925-6933.	1.5	13
67	The Dependence of Orientational Optical Nonlinearity in Dye-Doped Liquid-Crystal Films on the Polarization Direction of the Recording Beams. <i>IEEE Journal of Quantum Electronics</i> , 2006, 42, 651-656.	1.0	12
68	Role of surface plasmon polaritons on the enhancement of the near-field thermal radiation from fishnet metamaterial. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 445304.	1.3	12
69	Enhanced near-field radiative heat transfer between a nanosphere and a hyperbolic metamaterial mediated by coupled surface phonon polaritons. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 158, 61-68.	1.1	12
70	Theoretical study of electron tunneling through the spiral molecule junctions along spiral paths. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3765-3771.	1.3	12
71	Implementing stabilizer codes in noisy environments. <i>Physical Review A</i> , 2017, 96, .	1.0	12
72	Spatial manipulating spin-polarization and tunneling patterns in graphene spirals via periphery structural modification. <i>Carbon</i> , 2017, 113, 325-333.	5.4	12

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73	Acoustic energy transport characteristics based on amplitude and phase modulation using waveguide array. <i>Journal of Applied Physics</i> , 2020, 128, 165103.	1.1	12
74	Electronic structure and optical properties of InSe/AsP van der Waals heterostructure from DFT calculations. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 130, 114674.	1.3	12
75	Kinetics of the higher-order response of photorefractive materials. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1996, 13, 2580.	0.9	11
76	Diffraction behavior of an azo-dye-doped nematic liquid crystal without applied electric field. <i>Current Applied Physics</i> , 2008, 8, 31-35.	1.1	11
77	Holographic image storage and multiple hologram storage in a planar Methyl Red-doped liquid crystal film. <i>Applied Optics</i> , 2008, 47, 2437.	2.1	11
78	The shift of Bragg angular selectivity curve in darkness in glass-like photopolymer for holographic recording. <i>Optical Materials</i> , 2009, 32, 261-265.	1.7	11
79	Improvement in temperature stability and modified polymorphic phase transition of La-doped (Na _{0.52} K _{0.44} Li _{0.04}) Nb _{0.8} Ta _{0.2} O ₃ lead-free piezoelectric ceramics. <i>Materials Letters</i> , 2012, 70, 146-148.	1.3	11
80	The influence of EIT effect with double windows on electromagnetic characteristics of quasi- λ -four-level atomic system. <i>Optics Communications</i> , 2012, 285, 2161-2165.	1.0	11
81	Multi-band near-field radiative heat transfer between two anisotropic fishnet metamaterials. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 158, 36-42.	1.1	11
82	Implementation of Outstanding Electronic Transport in Polar Covalent Boron Nitride Atomic Chains: another Extraordinary Odd-Even Behaviour. <i>Scientific Reports</i> , 2016, 6, 26389.	1.6	11
83	Squeezing-Enhanced Atom-Cavity Interaction in Coupled Cavities with High Dissipation Rates. <i>Annalen Der Physik</i> , 2019, 531, 1900220.	0.9	11
84	Unselective ground-state blockade of Rydberg atoms for implementing quantum gates. <i>Frontiers of Physics</i> , 2022, 17, 1.	2.4	11
85	Sharp Fano Resonance within Bi-periodic Silver Particle Array and Its Application as Plasmonic Sensor with Ultra-high Figure of Merit. <i>Plasmonics</i> , 2015, 10, 469-474.	1.8	10
86	Tuning of mid-infrared absorption through phonon-plasmon-polariton hybridization in a graphene/hBN/graphene nanodisk array. <i>Optics Express</i> , 2021, 29, 2288.	1.7	10
87	Acoustic wavelength-selected metamaterials designed by reversed fractional stimulated Raman adiabatic passage. <i>Physical Review B</i> , 2022, 105, .	1.1	10
88	Image rotation and amplification based on the photorefractive higher-order grating. <i>Optics and Lasers in Engineering</i> , 2001, 35, 233-238.	2.0	9
89	Theory of space-charge field with a moving fringe in photorefractive polymers. <i>Journal of Applied Physics</i> , 2001, 89, 5881-5888.	1.1	9
90	Incoherently coupled soliton pairs in photorefractive polymer. <i>Optical Materials</i> , 2002, 19, 377-381.	1.7	9

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91	Dark diffusional enhancement of holographic multiplexed gratings in phenanthrenequinone doped poly(methyl methacrylate) photopolymer. Chinese Physics B, 2011, 20, 114217.	0.7	9
92	Growth and photorefractive properties of near-stoichiometric In:Fe:Cu:LiNbO ₃ crystals. Optics Communications, 2009, 282, 3149-3152.	1.0	8
93	Defect structure and optical damage resistance of Hf:Fe:LiNbO ₃ crystals. Optics and Laser Technology, 2010, 42, 1118-1121.	2.2	8
94	Plasmonic coupling from silver nanoparticle dimer array mediating surface plasmon resonant enhancement on the thin silver film. Applied Physics B: Lasers and Optics, 2013, 113, 503-509.	1.1	8
95	Efficient localization of terahertz waves within a gradient dielectric-filled metallic grating. Applied Physics Express, 2014, 7, 124301.	1.1	8
96	Metasurface-based angle-selective multichannel acoustic refractor. Applied Physics Express, 2018, 11, 057301.	1.1	8
97	Quantum phase transitions triggered by a four-level atomic system in dissipative environments. Physical Review A, 2019, 99, .	1.0	8
98	Perfect Spin Filtering in Homobimetallic Ni Complex with High Tolerance to Structural Changes. Journal of Physical Chemistry Letters, 2019, 10, 7842-7849.	2.1	8
99	Enhancing atom-field interaction in the reduced multiphoton Tavis-Cummings model. Physical Review A, 2020, 101, .	1.0	8
100	Electronic Properties of Triangle Molybdenum Disulfide (MoS ₂) Clusters with Different Sizes and Edges. Molecules, 2021, 26, 1157.	1.7	8
101	Tripartite high-dimensional magnon-photon entanglement in phases with broken $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="script"} \rangle \text{PT} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -symmetry of a non-Hermitian hybrid system. Physical Review B, 2022, 105, .	1.1	8
102	Coexistence of topological type-II Weyl and triply degenerate points in a chiral photonic metamaterial. Physical Review B, 2022, 105, .	1.1	8
103	Unidirectional acoustic metamaterials based on nonadiabatic holonomic quantum transformations. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	2.0	8
104	Functional Acoustic Metamaterial Using Shortcut to Adiabatic Passage in Acoustic Waveguide Couplers. Physical Review Applied, 2022, 18, .	1.5	8
105	Interaction of a weakly relativistic soliton in the magnetized plasma. Physics of Plasmas, 2006, 13, 052307.	0.7	7
106	Controllable Mode Hybridization and Interaction Within a Plasmonic Cavity Formed by Two Bimetallic Gratings. Plasmonics, 2013, 8, 1387-1394.	1.8	7
107	Noise-induced quantum state transfer in distant cavities. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 175502.	0.6	7
108	Dynamic holographic liquid crystal device containing nanoscale CuPc film. Liquid Crystals, 2019, 46, 1108-1116.	0.9	7

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109	Modulating phase by metasurfaces with gated ultra-thin TiN films. <i>Nanoscale</i> , 2019, 11, 11167-11172.	2.8	7
110	Highly sensitive gas sensing material for polar gas molecule based on Janus group-III chalcogenide monolayers: A first-principles investigation. <i>Science China Technological Sciences</i> , 2020, 63, 1566-1576.	2.0	7
111	Modulation of the electronic band structure of silicene by polar two-dimensional substrates. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21412-21420.	1.3	7
112	Optimal Control for Robust Photon State Transfer in Optomechanical Systems. <i>Annalen Der Physik</i> , 2021, 533, 2000608.	0.9	7
113	Topological characteristic of Weyl degeneracies in a reciprocal chiral metamaterials system. <i>New Journal of Physics</i> , 2021, 23, 093036.	1.2	7
114	Dynamic solutions of the photorefractive two-wave coupling at large modulation depths. <i>Optics Communications</i> , 1996, 132, 128-134.	1.0	6
115	Perturbative analytical solution of two-wave coupling in photorefractive materials at large modulation depth. <i>Journal of Applied Physics</i> , 1996, 80, 4268-4273.	1.1	6
116	Defect structure and optical damage resistance of Hf:Fe:LiNbO_3 crystals with various [Li]/[Nb] ratios. <i>Crystal Research and Technology</i> , 2010, 45, 249-253.	0.6	6
117	Effect of separation on second-order hyperpolarizability of two silver nanoclusters. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012, 376, 2314-2318.	0.9	6
118	First-principles calculations of electronic and optical properties of lead-free $\text{KTa}_{1-x}\text{Nb}_x\text{O}_3$ under high pressure. <i>Computational Materials Science</i> , 2013, 68, 1-4.	1.4	6
119	Chiral heteronanotubes: arrangement-dominated chiral interface states and conductivities. <i>Nanoscale</i> , 2019, 11, 8699-8705.	2.8	6
120	Giant Out-of-Plane Second Harmonic Generation Susceptibility in Janus Group III Chalcogenide Monolayers. <i>Journal of Physical Chemistry C</i> , 2021, 125, 11285-11293.	1.5	6
121	Electric field induced injection and shift currents in zigzag graphene nanoribbons. <i>Physical Review B</i> , 2021, 104, .	1.1	6
122	The coexistence of TE ^o TM surface waves in uniaxially anisotropic left-handed materials. <i>Optics Communications</i> , 2007, 276, 196-199.	1.0	5
123	The optical properties of lead-free $\text{KTa}_{1/2}\text{Nb}_{1/2}\text{O}_3:\text{M}$ where M=Li, Na, H, Cu, Zn. <i>Computational Materials Science</i> , 2014, 83, 294-297.	1.4	5
124	Constructing multi-target controlled phase gate in circuit QED and its applications. <i>Europhysics Letters</i> , 2019, 127, 50002.	0.7	5
125	High-efficiency optical vortex generation with hybrid all-dielectric geometric-metasurface in visible frequency. <i>Applied Physics Express</i> , 2021, 14, 012008.	1.1	5
126	Giant and anisotropic second harmonic generation of V^{IV} binary phosphorene derivative with permanent dipole. <i>Journal of Materials Chemistry C</i> , 2021, 9, 6544-6552.	2.7	5

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127	Broadband Controllable Asymmetric Accelerating Beam via Bilayer Binary Acoustic Metasurfaces. <i>Annalen Der Physik</i> , 2022, 534, .	0.9	5
128	Double signal phase conjugation with a Cat conjugator. <i>Optics and Laser Technology</i> , 2001, 33, 435-438.	2.2	4
129	Effect of the applied electric field on the steady state and temporary state space-charge field in photorefractive polymers. <i>Journal of Modern Optics</i> , 2001, 48, 1161-1170.	0.6	4
130	Grey spatial solitons in photorefractive polymer. <i>Journal of Modern Optics</i> , 2003, 50, 825-832.	0.6	4
131	Computational model for salient object detection with anisotropy. <i>Applied Optics</i> , 2012, 51, 1742.	0.9	4
132	Implementation of quantum state manipulation in a dissipative cavity. <i>Scientific Reports</i> , 2015, 5, 10656.	1.6	4
133	Noise-resistant phase gates with amplitude modulation. <i>Physical Review A</i> , 2020, 102, .	1.0	4
134	Generation of three-dimensional entanglement between two antiblockade Rydberg atoms with detuning-compensation-induced effective resonance. <i>Laser Physics</i> , 2020, 30, 045201.	0.6	4
135	Comparison of the higher diffraction order images in methyl-red-doped liquid crystal films. <i>Current Applied Physics</i> , 2009, 9, 764-768.	1.1	3
136	Parallel photonic quantum well consisting of photonic crystal containing negative-index material. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011, 28, 2611.	0.9	3
137	Tailored unidirectional spectral responses generated by an asymmetric plasmonic cavity. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 3067.	0.9	3
138	Multiple surface plasmon polaritons modes on thin silver film controlled by a two-dimensional lattice of silver nanodimers. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	3
139	A computational study on a multimode spin conductance switching by coordination isomerization in organometallic single-molecule junctions. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20280-20286.	1.3	3
140	The influence of coupling between chains on the conductivity of atomic carbon chains. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 2409-2415.	0.9	3
141	Resilient MÃlmer-SÃrensen gate with cavity QED. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 388, 127033.	0.9	3
142	Two-dimensional tunable polarization-dependent absorptions for binary and ternary coding. <i>Optical Materials Express</i> , 2020, 10, 787.	1.6	3
143	Giant Shift Photovoltaic Current in Group VÃ Binary Nanosheets. <i>Advanced Theory and Simulations</i> , 0, , 2100472.	1.3	3
144	Theoretical studies on the two-photon absorption of IIÃVI semiconductor nano clusters. <i>Scientific Reports</i> , 2022, 12, 110.	1.6	3

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145	Colossal In-Plane and Out-of-Plane Shift Photocurrents in Single-Layer Two-Dimensional $\hat{\pm}$ -Antimonide Phosphorus. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23348-23354.	4.0	3
146	Coupled wave analysis of anisotropic conical diffraction in doped $(K_{0.5}Na_{0.5})_{0.2}(Sr_{0.61}Ba_{0.39})_{0.9}Nb_2O_6$ crystals. <i>Journal of Applied Physics</i> , 1997, 82, 2017-2022.	1.1	2
147	Comparisons between two models of the formation of space charge field in photorefractive polymers. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 292, 338-348.	0.9	2
148	The effect of B site cations on the properties of para-electric $KTa_{1/2}Nb_{1/2}O_3$ crystal from first-principles calculations. <i>Physica B: Condensed Matter</i> , 2007, 400, 212-217.	1.3	2
149	Unsupervised visual saliency detection via information content measuring. <i>Electronics Letters</i> , 2012, 48, 1591-1593.	0.5	2
150	Two-dimensional electron gas in the $KNbO_3:Y$ ultrathin film. <i>Journal of Materials Science</i> , 2015, 50, 74-78.	1.7	2
151	Long Radiation Lifetime and Quasi-Isotropic Excitons in Antioxidant V^{IV} Binary Phosphorene Allotropes with Intrinsic Dipole. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14787-14796.	1.5	2
152	All-dielectric bifunctional polarization converter with high transmission efficiency in near-infrared region. <i>Applied Optics</i> , 2020, 59, 3825.	0.9	2
153	Tunable dual-band metamaterial absorber in the infrared range based on split-ring-groove array. <i>Applied Optics</i> , 2022, 61, 471.	0.9	2
154	First-Principles Calculations for the Impact of Hydrogenation on the Electron Behavior and Stability of Borophene Nanosheets: Implications for Boron 2D Electronics. <i>ACS Applied Nano Materials</i> , 2022, 5, 1419-1425.	2.4	2
155	Unveiling 2D Ferroelectricity and Ferromagnetism Interaction in van der Waals Heterobilayers. <i>Journal of Physical Chemistry C</i> , 2021, 125, 27837-27843.	1.5	2
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