

# Jianlin Zhao

## List of Publications by Year in descending order

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199  
papers

6,416  
citations

76294

40  
h-index

82499

72  
g-index

203  
all docs

203  
docs citations

203  
times ranked

5111  
citing authors

#	ARTICLE	IF	CITATIONS
1	WS2 mode-locked ultrafast fiber laser. <i>Scientific Reports</i> , 2015, 5, 7965.	1.6	406
2	One-step robust deep learning phase unwrapping. <i>Optics Express</i> , 2019, 27, 15100.	1.7	219
3	Anti-PT symmetry in diffusive systems. <i>Science</i> , 2019, 364, 170-173.	6.0	217
4	Nonlinear Saturable Absorption of Liquid-Exfoliated Molybdenum/Tungsten DiteLLuride Nanosheets. <i>Small</i> , 2016, 12, 1489-1497.	5.2	211
5	WS <sub>2</sub> saturable absorber for dissipative soliton mode locking at 106 and 155 Åµm. <i>Optics Express</i> , 2015, 23, 27509.	1.7	187
6	Graphene-assisted all-fiber phase shifter and switching. <i>Optica</i> , 2015, 2, 468.	4.8	183
7	Chirality-Assisted High-Efficiency Metasurfaces with Independent Control of Phase, Amplitude, and Polarization. <i>Advanced Optical Materials</i> , 2019, 7, 1801479.	3.6	181
8	Erbium-doped fiber laser passively mode locked with few-layer WSe <sub>2</sub> /MoSe <sub>2</sub> nanosheets. <i>Scientific Reports</i> , 2016, 6, 23583.	1.6	168
9	Interference-assisted kaleidoscopic meta-plexer for arbitrary spin-wavefront manipulation. <i>Light: Science and Applications</i> , 2019, 8, 3.	7.7	153
10	Generation of perfect vectorial vortex beams. <i>Optics Letters</i> , 2016, 41, 2205.	1.7	151
11	Passively Q-Switched and Mode-Locked Fiber Laser Based on an ReS <sub>2</sub> Saturable Absorber. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018, 24, 1-6.	1.9	144
12	Completely Spin-Decoupled Dual-Phase Hybrid Metasurfaces for Arbitrary Wavefront Control. <i>ACS Photonics</i> , 2019, 6, 211-220.	3.2	132
13	Label-free glucose biosensor based on enzymatic graphene oxide-functionalized tilted fiber grating. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 1033-1039.	4.0	121
14	Y-Net: a one-to-two deep learning framework for digital holographic reconstruction. <i>Optics Letters</i> , 2019, 44, 4765.	1.7	119
15	Graphene-supported manipulation of surface plasmon polaritons in metallic nanowaveguides. <i>Photonics Research</i> , 2017, 5, 162.	3.4	105
16	A highly efficient thermo-optic microring modulator assisted by graphene. <i>Nanoscale</i> , 2015, 7, 20249-20255.	2.8	99
17	A MoSe <sub>2</sub> /WSe <sub>2</sub> Heterojunction-Based Photodetector at Telecommunication Wavelengths. <i>Advanced Functional Materials</i> , 2018, 28, 1804388.	7.8	95
18	Phase aberration compensation of digital holographic microscopy based on least squares surface fitting. <i>Optics Communications</i> , 2009, 282, 3873-3877.	1.0	91

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19	Generation of polarization and phase singular beams in fibers and fiber lasers. <i>Advanced Photonics</i> , 2021, 3, .	6.2	89
20	High-order optical vortex generation in a few-mode fiber via cascaded acoustically driven vector mode conversion. <i>Optics Letters</i> , 2016, 41, 5082.	1.7	87
21	Full-Color Holographic Display and Encryption with Full-Polarization Degree of Freedom. <i>Advanced Materials</i> , 2022, 34, e2103192.	11.1	85
22	All-optical control of microfiber resonator by graphene's photothermal effect. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	81
23	Dual-wavelength common-path digital holographic microscopy for quantitative phase imaging based on lateral shearing interferometry. <i>Applied Optics</i> , 2016, 55, 7287.	2.1	76
24	Ultrafast all-fiber based cylindrical-vector beam laser. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	69
25	Synchronized multi-wavelength soliton fiber laser via intracavity group delay modulation. <i>Nature Communications</i> , 2021, 12, 6712.	5.8	67
26	Strong plasmonic confinement and optical force in phosphorene pairs. <i>Optics Express</i> , 2017, 25, 5255.	1.7	65
27	Flexibly tunable high-quality-factor induced transparency in plasmonic systems. <i>Scientific Reports</i> , 2018, 8, 1558.	1.6	65
28	Recent progress of pulsed fiber lasers based on transition-metal dichalcogenides and black phosphorus saturable absorbers. <i>Nanophotonics</i> , 2020, 9, 2215-2231.	2.9	58
29	Extraordinary Second Harmonic Generation in $\text{ReS}_2$ Atomic Crystals. <i>ACS Photonics</i> , 2018, 5, 3485-3491.	3.2	57
30	Chip-integrated van der Waals PN heterojunction photodetector with low dark current and high responsivity. <i>Light: Science and Applications</i> , 2022, 11, 101.	7.7	57
31	Second Harmonic Generation in Atomically Thin $\text{MoTe}_2$ . <i>Advanced Optical Materials</i> , 2018, 6, 1701334.	3.6	54
32	Graphene-empowered dynamic metasurfaces and metadevices. <i>Opto-Electronic Advances</i> , 2022, 5, 200098-200098.	6.4	54
33	Quantitative phase microscopy for cellular dynamics based on transport of intensity equation. <i>Optics Express</i> , 2018, 26, 586.	1.7	53
34	Second Harmonic and Sum-Frequency Generations from a Silicon Metasurface Integrated with a Two-Dimensional Material. <i>ACS Photonics</i> , 2019, 6, 2252-2259.	3.2	52
35	$\text{Sb}_2\text{Te}_3$ topological insulator: surface plasmon resonance and application in refractive index monitoring. <i>Nanoscale</i> , 2019, 11, 4759-4766.	2.8	52
36	Magnetic plasmon resonances in nanostructured topological insulators for strongly enhanced light-MoS <sub>2</sub> interactions. <i>Light: Science and Applications</i> , 2020, 9, 191.	7.7	52

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37	In-Line Mach-Zehnder Interferometer With D-Shaped Fiber Grating for Temperature-Discriminated Directional Curvature Measurement. <i>Journal of Lightwave Technology</i> , 2018, 36, 742-747.	2.7	49
38	Y4-Net: a deep learning solution to one-shot dual-wavelength digital holographic reconstruction. <i>Optics Letters</i> , 2020, 45, 4220.	1.7	49
39	High-efficiency second-order nonlinear processes in an optical microfiber assisted by few-layer GaSe. <i>Light: Science and Applications</i> , 2020, 9, 63.	7.7	44
40	Vortex-controlled morphology conversion of microstructures on silicon induced by femtosecond vector vortex beams. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	44
41	High-performance humidity sensor based on a polyvinyl alcohol-coated photonic crystal cavity. <i>Optics Letters</i> , 2016, 41, 5515.	1.7	43
42	Fano resonance lineshapes in a waveguide-microring structure enabled by an air-hole. <i>APL Photonics</i> , 2020, 5, .	3.0	42
43	Catalystlike effect of orbital angular momentum on the conversion of transverse to three-dimensional spin states within tightly focused radially polarized beams. <i>Physical Review A</i> , 2018, 97, .	1.0	41
44	Topological insulator based Tamm plasmon polaritons. <i>APL Photonics</i> , 2019, 4, .	3.0	40
45	A compact structure for realizing Lorentzian, Fano, and electromagnetically induced transparency resonance lineshapes in a microring resonator. <i>Nanophotonics</i> , 2019, 8, 841-848.	2.9	40
46	Graphene Actively Mode-Locked Lasers. <i>Advanced Functional Materials</i> , 2018, 28, 1801539.	7.8	39
47	Phase-matching-induced near-chirp-free solitons in normal-dispersion fiber lasers. <i>Light: Science and Applications</i> , 2022, 11, 25.	7.7	39
48	Transport of intensity equation from a single intensity image via deep learning. <i>Optics and Lasers in Engineering</i> , 2020, 134, 106233.	2.0	35
49	Mode evolution and nanofocusing of grating-coupled surface plasmon polaritons on metallic tip. <i>Opto-Electronic Advances</i> , 2018, 1, 18001001-18001007.	6.4	35
50	Digital holographic interferometry based on wavelength and angular multiplexing for measuring the ternary diffusion. <i>Optics Letters</i> , 2012, 37, 1211.	1.7	34
51	Longitudinal spin separation of light and its performance in three-dimensionally controllable spin-dependent focal shift. <i>Scientific Reports</i> , 2016, 6, 20774.	1.6	33
52	High performance graphene oxide-based humidity sensor integrated on a photonic crystal cavity. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	33
53	Tunable nonreciprocal reflection and its stability in a non-PT-symmetric plasmonic resonators coupled waveguide systems. <i>Applied Physics Express</i> , 2020, 13, 012009.	1.1	33
54	Quasi-Bessel beams with longitudinally varying polarization state generated by employing spectrum engineering. <i>Optics Letters</i> , 2016, 41, 4811.	1.7	32

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55	Automatic compensation of phase aberrations in digital holographic microscopy based on sparse optimization. <i>APL Photonics</i> , 2019, 4, .	3.0	32
56	2D materials-enabled optical modulators: From visible to terahertz spectral range. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	32
57	Au-InSe van der Waals Schottky junctions with ultralow reverse current and high photosensitivity. <i>Nanoscale</i> , 2020, 12, 4094-4100.	2.8	31
58	Tying Polarization-Switchable Optical Vortex Knots and Links via Holographic All-Dielectric Metasurfaces. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900366.	4.4	31
59	Controllable oscillated spin Hall effect of Bessel beam realized by liquid crystal Pancharatnam-Berry phase elements. <i>Light: Science and Applications</i> , 2022, 11, .	7.7	31
60	Graphene-controlled fiber Bragg grating and enabled optical bistability. <i>Optics Letters</i> , 2016, 41, 603.	1.7	30
61	RestoreNet: a deep learning framework for image restoration in optical synthetic aperture imaging system. <i>Optics and Lasers in Engineering</i> , 2021, 139, 106463.	2.0	30
62	Graphene-induced unique polarization tuning properties of excessively tilted fiber grating. <i>Optics Letters</i> , 2016, 41, 5450.	1.7	29
63	A method for simultaneously measuring polarization and phase of arbitrarily polarized beams based on Pancharatnam-Berry phase. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	28
64	Bend measurement using an etched fiber incorporating a fiber Bragg grating. <i>Optics Letters</i> , 2013, 38, 214.	1.7	27
65	Highly efficient plasmonic nanofocusing on a metallized fiber tip with internal illumination of the radial vector mode using an acousto-optic coupling approach. <i>Nanophotonics</i> , 2019, 8, 921-929.	2.9	27
66	Resolution improvement of digital holographic images based on angular multiplexing with incoherent beams in orthogonal polarization states. <i>Optics Letters</i> , 2010, 35, 3519.	1.7	25
67	Observation of excitonic series in monolayer and few-layer black phosphorus. <i>Physical Review B</i> , 2020, 101, .	1.1	25
68	Improvement of measurement accuracy in digital holographic microscopy by using dual-wavelength technique. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2015, 14, 041313.	1.0	24
69	Common-path digital holographic microscopy for near-field phase imaging based on surface plasmon resonance. <i>Applied Optics</i> , 2017, 56, 3223.	2.1	24
70	Linear Dichroism and Nondestructive Crystalline Identification of Anisotropic Semimetal Few-Layer MoTe <sub>2</sub> . <i>Small</i> , 2019, 15, e1903159.	5.2	24
71	Valley Vortex States and Degeneracy Lifting via Photonic Higher-Band Excitation. <i>Physical Review Letters</i> , 2019, 122, 123903.	2.9	24
72	High capacity topological coding based on nested vortex knots and links. <i>Nature Communications</i> , 2022, 13, 2705.	5.8	24

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73	Quantitative measurement of thermal lensing in diode-side-pumped Nd:YAG laser by use of digital holographic interferometry. <i>Optics Express</i> , 2016, 24, 28185.	1.7	23
74	A review of common-path off-axis digital holography: towards high stable optical instrument manufacturing. <i>Light Advanced Manufacturing</i> , 2021, 2, 1.	2.2	23
75	Compact surface plasmon holographic microscopy for near-field film mapping. <i>Optics Letters</i> , 2017, 42, 3462.	1.7	22
76	Cylindrical vector beam-excited frequency-tunable second harmonic generation in a plasmonic octamer. <i>Photonics Research</i> , 2018, 6, 157.	3.4	22
77	MoTe <sub>2</sub> PN Homojunction Constructed on a Silicon Photonic Crystal Cavity for High-Performance Photodetector. <i>ACS Photonics</i> , 2021, 8, 2431-2439.	3.2	22
78	Measurement of ultrafast combustion process of premixed ethylene/oxygen flames in narrow channel with digital holographic interferometry. <i>Optics Express</i> , 2018, 26, 28497.	1.7	21
79	Optical vortex fiber laser based on modulation of transverse modes in two mode fiber. <i>APL Photonics</i> , 2019, 4, .	3.0	20
80	Ultralow Threshold, Single-Mode InGaAs/GaAs Multiquantum Disk Nanowire Lasers. <i>ACS Nano</i> , 2021, 15, 9126-9133.	7.3	19
81	Complete structural characterization of single carbon nanotubes by Rayleigh scattering circular dichroism. <i>Nature Nanotechnology</i> , 2021, 16, 1073-1078.	15.6	18
82	Giant and Anisotropic Nonlinear Optical Responses of 1D van der Waals Material Tellurium. <i>Advanced Optical Materials</i> , 2020, 8, 2001273.	3.6	17
83	RestoreNet-Plus: Image restoration via deep learning in optical synthetic aperture imaging system. <i>Optics and Lasers in Engineering</i> , 2021, 146, 106707.	2.0	17
84	Acceleration of autofocusing with improved edge extraction using structure tensor and Schatten norm. <i>Optics Express</i> , 2020, 28, 14712.	1.7	17
85	Classification of cell morphology with quantitative phase microscopy and machine learning. <i>Optics Express</i> , 2020, 28, 23916.	1.7	17
86	Quantitative and Dynamic Phase Imaging of Biological Cells by the Use of the Digital Holographic Microscopy Based on a Beam Displacer Unit. <i>IEEE Photonics Journal</i> , 2018, 10, 1-10.	1.0	16
87	Self-accelerated optical activity in free space induced by the Gouy phase. <i>Photonics Research</i> , 2020, 8, 475.	3.4	16
88	Visual investigation on the heat dissipation process of a heat sink by using digital holographic interferometry. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	15
89	Multiple Optical Frequency Conversions in Few-Layer GaSe Assisted by a Photonic Crystal Cavity. <i>Advanced Optical Materials</i> , 2018, 6, 1800698.	3.6	15
90	Real-time and wide-field mapping of cell-substrate adhesion gap and its evolution via surface plasmon resonance holographic microscopy. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112826.	5.3	15

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91	Polarization independent and non-reciprocal absorption in multi-layer anisotropic black phosphorus metamaterials. <i>Optics Express</i> , 2021, 29, 21336.	1.7	15
92	Unidirectional scattering exploited transverse displacement sensor with tunable measuring range. <i>Optics Express</i> , 2019, 27, 4944.	1.7	15
93	Nanowires-assisted excitation and propagation of mid-infrared surface plasmon polaritons in graphene. <i>Journal of Applied Physics</i> , 2016, 120, .	1.1	14
94	Creation of independently controllable multiple focal spots from segmented Pancharatnam-Berry phases. <i>Scientific Reports</i> , 2018, 8, 9831.	1.6	14
95	Difference frequency generation in monolayer MoS <sub>2</sub> . <i>Nanoscale</i> , 2020, 12, 19638-19643.	2.8	14
96	Fano resonance from a one-dimensional topological photonic crystal. <i>APL Photonics</i> , 2021, 6, 086105.	3.0	14
97	Fano resonance with high local field enhancement under azimuthally polarized excitation. <i>Scientific Reports</i> , 2017, 7, 1049.	1.6	13
98	Optical Heterodyne Microvibration Detection Based on All-Fiber Acousto-Optic Superlattice Modulation. <i>Journal of Lightwave Technology</i> , 2017, 35, 3821-3824.	2.7	13
99	High-performance Volatile Organic Compounds Microsensor Based on Few-layer MoS <sub>2</sub> -Coated Photonic Crystal Cavity. <i>Advanced Optical Materials</i> , 2018, 6, 1700882.	3.6	13
100	Measurement of full polarization states with hybrid holography based on geometric phase. <i>Optics Express</i> , 2019, 27, 7968.	1.7	13
101	Tightly autofocusing beams: an effective enhancement of longitudinally polarized fields. <i>Optics Letters</i> , 2020, 45, 575.	1.7	13
102	Azimuthal vector beam exciting silver triangular nanoprisms for increasing the performance of surface-enhanced Raman spectroscopy. <i>Photonics Research</i> , 2019, 7, 1447.	3.4	13
103	Electrically Tunable Second Harmonic Generation in Atomically Thin ReS <sub>2</sub> . <i>ACS Nano</i> , 2022, 16, 6404-6413.	7.3	13
104	Self-frequency-conversion nanowire lasers. <i>Light: Science and Applications</i> , 2022, 11, 120.	7.7	13
105	Dynamically measuring unstable reaction-diffusion process by using digital holographic interferometry. <i>Optics and Lasers in Engineering</i> , 2014, 57, 1-5.	2.0	12
106	Dual-wavelength common-path digital holographic microscopy for quantitative phase imaging of biological cells. <i>Optical Engineering</i> , 2017, 56, 111712.	0.5	12
107	Wavelength-multiplexing surface plasmon holographic microscopy. <i>Optics Express</i> , 2018, 26, 13549.	1.7	12
108	Grating-assisted coupling enhancing plasmonic tip nanofocusing illuminated via radial vector beam. <i>Nanophotonics</i> , 2019, 8, 2303-2311.	2.9	12

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109	Axially Tailored Light Field by Means of a Dielectric Metalens. <i>Physical Review Applied</i> , 2020, 14, .	1.5	12
110	Augmenting photoluminescence of monolayer MoS <sub>2</sub> using high order modes in a metal dimer-on-film nanocavity. <i>Photonics Research</i> , 2021, 9, 501.	3.4	12
111	Accurate and rapid measurement of optical vortex links and knots. <i>Optics Letters</i> , 2019, 44, 3849.	1.7	12
112	Tunable Fano-like resonance enabled by coupling a microsphere with a fiber Mach-Zehnder interferometer. <i>Applied Optics</i> , 2016, 55, 5756.	2.1	11
113	Physical vapor deposition of large-scale PbSe films and its applications in pulsed fiber lasers. <i>Nanophotonics</i> , 2020, 9, 2367-2375.	2.9	11
114	Giant All-Optical Modulation of Second-Harmonic Generation Mediated by Dark Excitons. <i>ACS Photonics</i> , 2021, 8, 2320-2328.	3.2	11
115	Stable loosely bounded asymmetric soliton molecules in fiber lasers. <i>Physical Review A</i> , 2021, 104, .	1.0	11
116	Observation of optical vortex knots and links associated with topological charge. <i>Optics Express</i> , 2021, 29, 38849-38857.	1.7	11
117	Continuous-wave pumped frequency upconversions in an InSe-integrated microfiber. <i>Optics Letters</i> , 2021, 46, 733.	1.7	10
118	Soliton metamorphosis dynamics in ultrafast fiber lasers. <i>Physical Review A</i> , 2021, 103, .	1.0	10
119	Complex refractive index measurement for atomic-layer materials via surface plasmon resonance holographic microscopy. <i>Optics Letters</i> , 2019, 44, 2982.	1.7	10
120	Selective excitation of a three-dimensionally oriented single plasmonic dipole. <i>Photonics Research</i> , 2019, 7, 693.	3.4	10
121	Second harmonic generation in a hollow-core fiber filled with GaSe nanosheets. <i>Science China Information Sciences</i> , 2022, 65, 1.	2.7	10
122	Modulation of orbital angular momentum on the propagation dynamics of light fields. <i>Frontiers of Optoelectronics</i> , 2019, 12, 69-87.	1.9	9
123	Selective Remote-Excitation of Gap Mode in Metallic Nanowire-Nanoparticle System Using Chiral Surface Plasmon Polaritons. <i>IEEE Journal of Quantum Electronics</i> , 2020, 56, 1-6.	1.0	9
124	Controlling Resonance Lineshapes of a Side-Coupled Waveguide-Microring Resonator. <i>Journal of Lightwave Technology</i> , 2020, 38, 4429-4434.	2.7	9
125	Optical vortex knots and links via holographic metasurfaces. <i>Advances in Physics: X</i> , 2021, 6, .	1.5	9
126	Unveiling radial breathing mode in a particle-on-mirror plasmonic nanocavity. <i>Nanophotonics</i> , 2022, 11, 487-494.	2.9	9



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127	High-responsivity MoS <sub>2</sub> hot-electron telecom-band photodetector integrated with microring resonator. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	9
128	Managing focal fields of vector beams with multiple polarization singularities. <i>Applied Optics</i> , 2016, 55, 9049.	2.1	8
129	Integrated digital holographic microscopy based on surface plasmon resonance. <i>Optics Express</i> , 2018, 26, 25437.	1.7	8
130	Few-Layer Graphene Integrated Tilted Fiber Grating For All-Optical Switching. <i>Journal of Lightwave Technology</i> , 2021, 39, 1477-1482.	2.7	8
131	Dynamically measuring the holo-information of light fields in three-dimensional space using a periodic polarization-structured light. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	2.0	8
132	On-demand light wave manipulation enabled by single-layer dielectric metasurfaces. <i>APL Photonics</i> , 2021, 6, .	3.0	8
133	Symmetry selective cladding modes coupling in ultrafast-written fiber Bragg gratings in two-mode fiber. <i>Optics Express</i> , 2019, 27, 18410.	1.7	8
134	Metasurface-assisted multidimensional manipulation of a light wave based on spin-decoupled complex amplitude modulation. <i>Optics Letters</i> , 2022, 47, 353.	1.7	8
135	Plasmon-enhanced photoluminescence from MoS <sub>2</sub> monolayer with topological insulator nanoparticle. <i>Nanophotonics</i> , 2022, 11, 995-1001.	2.9	8
136	High-Efficiency Second-Harmonic and Sum-Frequency Generation in a Silicon Nitride Microring Integrated with Few-Layer GaSe. <i>ACS Photonics</i> , 2022, 9, 1671-1678.	3.2	8
137	Miniaturized fiber Fabry-Pérot interferometer for strain sensing. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 1510-1514.	0.9	7
138	Sparse-view imaging of a fiber internal structure in holographic diffraction tomography via a convolutional neural network. <i>Applied Optics</i> , 2021, 60, A234.	0.9	7
139	Periodic attraction and repulsion within the tight-bound $\pi$ -phase soliton molecule. <i>Optics Letters</i> , 2021, 46, 5599.	1.7	7
140	Internal dynamics in bound states of unequal solitons. <i>Optics Letters</i> , 2022, 47, 1618.	1.7	7
141	Ultrafast Lasers: Graphene Actively Mode-Locked Lasers ( <i>Adv. Funct. Mater.</i> 28/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870194.	7.8	6
142	Low-Power Continuous-Wave Second Harmonic Generation in Semiconductor Nanowires. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800126.	4.4	6
143	Fano-Like Resonance in an All-in-Fiber Structure. <i>IEEE Photonics Journal</i> , 2019, 11, 1-7.	1.0	6
144	A method for fast and robustly measuring the state of polarization of arbitrary light beams based on Pancharatnam-Berry phase. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	6

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145	Real-Time Target Detection in Visual Sensing Environments Using Deep Transfer Learning and Improved Anchor Box Generation. <i>IEEE Access</i> , 2020, 8, 193512-193522.	2.6	6
146	Visible frequency broadband dielectric metahologram by random Fourier phase-only encoding. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	2.0	6
147	Flexible trajectory control of Bessel beams with pure phase modulation. <i>Optics Express</i> , 2022, 30, 25661.	1.7	6
148	Symmetry-breaking diffraction and dynamic self-trapping in optically induced hexagonal photonic lattices. <i>Applied Physics Letters</i> , 2012, 100, 061907.	1.5	5
149	Carbon nanotube-deposited tilted fiber Bragg grating for refractive index and temperature sensing. <i>IEEE Photonics Technology Letters</i> , 2016, , 1-1.	1.3	5
150	All-optically controlled slow and fast lights in graphene-coated tilted fiber Bragg grating. <i>Applied Physics Express</i> , 2019, 12, 072010.	1.1	5
151	Phase fluctuation cancellation for coherent-detection BOTDA fiber sensors based on optical subcarrier multiplexing. <i>Optics Letters</i> , 2021, 46, 757.	1.7	5
152	Velocity property of an optical chain generated by the tightly focused femtosecond radially polarization pulse. <i>Applied Optics</i> , 2021, 60, 2380.	0.9	5
153	Dynamic strain measurement based on ultrafast Brillouin collision in the correlation domain. <i>Optics Letters</i> , 2021, 46, 3488.	1.7	5
154	Hybrid vector beams with non-uniform orbital angular momentum density induced by designed azimuthal polarization gradient*. <i>Chinese Physics B</i> , 2020, 29, 094203.	0.7	5
155	Poincaré sphere analogue for optical vortex knots. <i>Optics Letters</i> , 2022, 47, 313.	1.7	5
156	Electrically induced dynamic Fano-like resonance in a graphene-coated fiber grating. <i>Photonics Research</i> , 2022, 10, 1238.	3.4	5
157	Comparison of common-path off-axis digital holography and transport of intensity equation in quantitative phase measurement. <i>Optics and Lasers in Engineering</i> , 2022, 157, 107126.	2.0	5
158	A Bandwidth-Tuning Device Based on Polymer-Packaged Fiber Bragg Grating. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1225-1227.	1.3	4
159	<i>In-Situ</i> Monitoring Method for Solution Volatilization Using Tilted Fiber Bragg Grating. <i>IEEE Sensors Journal</i> , 2015, 15, 3000-3003.	2.4	4
160	Optimized weak measurement for spatial spin-dependent shifts at Brewster angle. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1.	1.1	4
161	Dual-channel illumination surface plasmon resonance holographic microscopy for resolution improvement. <i>Optics Letters</i> , 2021, 46, 1604.	1.7	4
162	Co-located angularly offset fiber Bragg grating pair for temperature-compensated unambiguous 3D shape sensing. <i>Applied Optics</i> , 2021, 60, 4185.	0.9	4

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163	Nanometric displacement sensor with a switchable measuring range using a cylindrical vector beam excited silicon nanoantenna. <i>Optics Express</i> , 2021, 29, 25109.	1.7	4
164	Plasmonic Fano-like resonance in double-stacked graphene nanostrip arrays. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2022, 39, 843.	0.9	4
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