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List of Publications by Year
in descending order

116 papers	7,228 citations	44069 48 h-index	56724 83 g-index
117 all docs	117 docs citations	117 times ranked	4083 citing authors

#	Article	IF	Citations
1	WS2 mode-locked ultrafast fiber laser. Scientific Reports, 2015, 5, 7965.	3.3	406
2	Plasmonic nanosensor based on Fano resonance in waveguide-coupled resonators. Optics Letters, 2012, 37, 3780.	3.3	357
3	Plasmonic analog of electromagnetically induced transparency in multi-nanoresonator-coupled waveguide systems. Physical Review A, 2012, 85, .	2.5	297
4	Ultrafast all-optical switching in nanoplasmonic waveguide with Kerr nonlinear resonator. Optics Express, 2011, 19, 2910.	3.4	287
5	Versatile multi-wavelength ultrafast fiber laser mode-locked by carbon nanotubes. Scientific Reports, 2013, 3, 2718.	3.3	280
6	Tunable band-pass plasmonic waveguide filters with nanodisk resonators. Optics Express, 2010, 18, 17922.	3.4	261
7	Tunable multi-channel wavelength demultiplexer based on MIM plasmonic nanodisk resonators at telecommunication regime. Optics Express, 2011, 19, 3513.	3.4	220
8	Nonlinear Saturable Absorption of Liquidâ€Exfoliated Molybdenum/Tungsten Ditelluride Nanosheets. Small, 2016, 12, 1489-1497.	10.0	211
9	WS_2 saturable absorber for dissipative soliton mode locking at 106 and 155 Âµm. Optics Express, 2015, 23, 27509.	3.4	187
10	Experimental observation of dissipative soliton resonance in an anomalous-dispersion fiber laser. Optics Express, 2012, 20, 265.	3.4	186
11	Graphene-assisted all-fiber phase shifter and switching. Optica, 2015, 2, 468.	9.3	183
12	Induced transparency in nanoscale plasmonic resonator systems. Optics Letters, 2011, 36, 3233.	3.3	176
13	Erbium-doped fiber laser passively mode locked with few-layer WSe2/MoSe2 nanosheets. Scientific Reports, 2016, 6, 23583.	3.3	168
14	MoS2-based all-fiber humidity sensor for monitoring human breath with fast response and recovery. Sensors and Actuators B: Chemical, 2017, 251, 180-184.	7.8	146
15	Passively Q-Switched and Mode-Locked Fiber Laser Based on an ReS2 Saturable Absorber. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	144
16	Harmonic mode locking of bound-state solitons fiber laser based on MoS_2 saturable absorber. Optics Express, 2015, 23, 205.	3.4	127
17	Tunable high-efficiency light absorption of monolayer graphene via Tamm plasmon polaritons. Optics Letters, 2016, 41, 4743.	3.3	119
18	Tunable high-channel-count bandpass plasmonic filters based on an analogue of electromagnetically induced transparency. Nanotechnology, 2012, 23, 444003.	2.6	118

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19	Observation of dual-wavelength dissipative solitons in a figure-eight erbium-doped fiber laser. Optics Express, 2012, 20, 20992.	3.4	112
20	Flexible high-repetition-rate ultrafast fiber laser. Scientific Reports, 2013, 3, 3223.	3.3	106
21	Nearly perfect absorption of light in monolayer molybdenum disulfide supported by multilayer structures. Optics Express, 2017, 25, 21630.	3.4	106
22	Graphene-supported manipulation of surface plasmon polaritons in metallic nanowaveguides. Photonics Research, 2017, 5, 162.	7.0	105
23	Enhancement of transmission efficiency of nanoplasmonic wavelength demultiplexer based on channel drop filters and reflection nanocavities. Optics Express, 2011, 19, 12885.	3.4	94
24	Observation of pulse trapping in a near-zero dispersion regime. Optics Letters, 2012, 37, 2619.	3.3	92
25	Observations of four types of pulses in a fiber laser with large net-normal dispersion. Optics Express, 2011, 19, 7616.	3.4	89
26	Generation of polarization and phase singular beams in fibers and fiber lasers. Advanced Photonics, 2021, 3, .	11.8	89
27	High-order optical vortex generation in a few-mode fiber via cascaded acoustically driven vector mode conversion. Optics Letters, 2016, 41, 5082.	3.3	87
28	Generation and amplification of high-energy nanosecond pulses in a compact all-fiber laser. Optics Express, 2010, 18, 23024.	3.4	84
29	All-optical control of microfiber resonator by graphene's photothermal effect. Applied Physics Letters, 2016, 108, .	3.3	81
30	Optical vortex generation with wavelength tunability based on an acoustically-induced fiber grating. Optics Express, 2016, 24, 19278.	3.4	78
31	Soliton fiber laser mode locked with two types of film-based Bi_2Te_3 saturable absorbers. Photonics Research, 2015, 3, A43.	7.0	73
32	Cylindrical vector beam generation in fiber with mode selectivity and wavelength tunability over broadband by acoustic flexural wave. Optics Express, 2016, 24, 10376.	3.4	73
33	Ultrafast all-fiber based cylindrical-vector beam laser. Applied Physics Letters, 2017, 110, .	3.3	69
34	Synchronized multi-wavelength soliton fiber laser via intracavity group delay modulation. Nature Communications, 2021, 12, 6712.	12.8	67
35	WS_2/fluorine mica (FM) saturable absorbers for all-normal-dispersion mode-locked fiber laser. Optics Express, 2015, 23, 28698.	3.4	66
36	Strong plasmonic confinement and optical force in phosphorene pairs. Optics Express, 2017, 25, 5255.	3.4	65

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37	Flexibly tunable high-quality-factor induced transparency in plasmonic systems. Scientific Reports, 2018, 8, 1558.	3.3	65
38	Compact all-fiber laser delivering conventional and dissipative solitons. Optics Letters, 2013, 38, 3190.	3.3	60
39	Multi-channel plasmonic waveguide filters with disk-shaped nanocavities. Optics Communications, 2011, 284, 2613-2616.	2.1	58
40	Recent progress of pulsed fiber lasers based on transition-metal dichalcogenides and black phosphorus saturable absorbers. Nanophotonics, 2020, 9, 2215-2231.	6.0	58
41	Electrostatic Functionalization and Passivation of Water-Exfoliated Few-Layer Black Phosphorus by Poly Dimethyldiallyl Ammonium Chloride and Its Ultrafast Laser Application. ACS Applied Materials & Interfaces, 2018, 10, 9679-9687.	8.0	57
42	Dual-wavelength step-like pulses in an ultra-large negative-dispersion fiber laser. Optics Express, 2011, 19, 3996.	3.4	56
43	Graphene-empowered dynamic metasurfaces and metadevices. Opto-Electronic Advances, 2022, 5, 200098-200098.	13.3	54
44	Graphene-coated tilted fiber-Bragg grating for enhanced sensing in low-refractive-index region. Optics Letters, 2015, 40, 3994.	3.3	53
45	Femtosecond Passively Er-Doped Mode-Locked Fiber Laser With WS2 Solution Saturable Absorber. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 44-49.	2.9	53
46	Generation of cylindrical vector beams and optical vortex by two acoustically induced fiber gratings with orthogonal vibration directions. Optics Express, 2017, 25, 2733.	3.4	53
47	Q-switched fiber laser based on saturable absorption of ferroferric-oxide nanoparticles. Photonics Research, 2017, 5, 52.	7.0	53
48	Sb2Te3 topological insulator: surface plasmon resonance and application in refractive index monitoring. Nanoscale, 2019, 11, 4759-4766.	5.6	52
49	Magnetic plasmon resonances in nanostructured topological insulators for strongly enhanced lightâ€“MoS2 interactions. Light: Science and Applications, 2020, 9, 191.	16.6	52
50	Analysis of nanoplasmonic wavelength demultiplexing based on metal-insulator-metal waveguides. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 1616.	2.1	51
51	Broadband polarization-insensitive saturable absorption of Fe₂O₃ nanoparticles. Nanoscale, 2018, 10, 21219-21224.	5.6	51
52	Stable high-power saturable absorber based on polymer-black-phosphorus films. Optics Communications, 2018, 406, 254-259.	2.1	45
53	Induced reflection in Tamm plasmon systems. Optics Express, 2019, 27, 5383.	3.4	45
54	High-efficiency second-order nonlinear processes in an optical microfibre assisted by few-layer GaSe. Light: Science and Applications, 2020, 9, 63.	16.6	44

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55	Formation and evolution of passively mode-locked fiber soliton lasers operating in a dual-wavelength regime. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 2819.	2.1	42
56	Topological insulator based Tamm plasmon polaritons. APL Photonics, 2019, 4, .	5.7	40
57	Graphene Actively Modeâ€Locked Lasers. Advanced Functional Materials, 2018, 28, 1801539.	14.9	39
58	Phase-matching-induced near-chirp-free solitons in normal-dispersion fiber lasers. Light: Science and Applications, 2022, 11, 25.	16.6	39
59	Generation of femtosecond optical vortex pulse in fiber based on an acoustically induced fiber grating. Optics Letters, 2017, 42, 454.	3.3	36
60	All-fiber radially/azimuthally polarized lasers based on mode coupling of tapered fibers. Optics Letters, 2018, 43, 1590.	3.3	35
61	Optical bistability in metalâ€“insulatorâ€“metal plasmonic Bragg waveguides with Kerr nonlinear defects. Applied Optics, 2011, 50, 1307.	2.1	32
62	Optical heterodyne micro-vibration measurement based on all-fiber acousto-optic frequency shifter. Optics Express, 2015, 23, 17576.	3.4	30
63	Plasmonic Fano spectral response from graphene metasurfaces in the MIR region. Optical Materials Express, 2018, 8, 1058.	3.0	30
64	Passively Q-switched Nd:YVO_4 laser based on Fe_3O_4 nanoparticles saturable absorber. Optical Materials Express, 2017, 7, 2913.	3.0	28
65	Transitional and steady mode-locking evolution of dissipative solitons. Applied Optics, 2010, 49, 2665.	2.1	27
66	Highly efficient plasmonic nanofocusing on a metallized fiber tip with internal illumination of the radial vector mode using an acousto-optic coupling approach. Nanophotonics, 2019, 8, 921-929.	6.0	27
67	Plasmonic tip internally excited via an azimuthal vector beam for surface enhanced Raman spectroscopy. Photonics Research, 2019, 7, 526.	7.0	23
68	Multi-Parameter Sensing Using a Fiber Bragg Grating Inscribed in Dual-Mode Fiber. IEEE Photonics Technology Letters, 2017, 29, 1607-1610.	2.5	21
69	Surface-enhanced Raman spectroscopy with Au-nanoparticle substrate fabricated by using femtosecond pulse. Nanotechnology, 2018, 29, 205301.	2.6	21
70	A Filmy Black-Phosphorus Polyimide Saturable Absorber for Q-Switched Operation in an Erbium-Doped Fiber Laser. Materials, 2016, 9, 917.	2.9	20
71	Optical vortex fiber laser based on modulation of transverse modes in two mode fiber. APL Photonics, 2019, 4, .	5.7	20
72	Second-harmonic generation from a periodic array of noncentrosymmetric nanoholes. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2405.	2.1	18

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73	Coexistence of unequal pulses in a normal dispersion fiber laser. Optics Express, 2011, 19, 16303.	3.4	18
74	Graphene-tuned EIT-like effect in photonic multilayers for actively controlled light absorption of topological insulators. Optics Express, 2020, 28, 31893.	3.4	18
75	Surface-Enhanced Raman Spectroscopy Based on a Silver-Film Semi-Coated Nanosphere Array. Sensors, 2019, 19, 3966.	3.8	15
76	Optical Heterodyne Microvibration Detection Based on All-Fiber Acousto-Optic Superlattice Modulation. Journal of Lightwave Technology, 2017, 35, 3821-3824.	4.6	13
77	Azimuthal vector beam exciting silver triangular nanoprisms for increasing the performance of surface-enhanced Raman spectroscopy. Photonics Research, 2019, 7, 1447.	7.0	13
78	Refractometer probe based on a reflective carbon nanotube-modified microfiber Bragg grating. Applied Optics, 2016, 55, 7037.	2.1	11
79	Physical vapor deposition of large-scale PbSe films and its applications in pulsed fiber lasers. Nanophotonics, 2020, 9, 2367-2375.	6.0	11
80	Trampolinelike pulsating soliton fiber lasers. Physical Review A, 2021, 104, .	2.5	11
81	Stable loosely bounded asymmetric soliton molecules in fiber lasers. Physical Review A, 2021, 104, .	2.5	11
82	Second-harmonic generation from metal-film nanohole arrays. Applied Optics, 2010, 49, 2347.	2.1	10
83	Passive harmonic mode-locking of a fiber laser at controllable repetition rates from fundamental to eighth-order harmonic operation. Journal of Modern Optics, 2010, 57, 1635-1639.	1.3	10
84	All-fiber cylindrical vector beams laser based on an acoustically-induced fiber grating. Journal of Optics (United Kingdom), 2018, 20, 075608.	2.2	10
85	Soliton metamorphosis dynamics in ultrafast fiber lasers. Physical Review A, 2021, 103, .	2.5	10
86	Formation and statistical properties of rogue wave in dispersion-managed fiber lasers. Physical Review A, 2021, 103, .	2.5	10
87	A pulsewidth measurement technology based on carbon-nanotube saturable absorber. Optics Express, 2019, 27, 4188.	3.4	10
88	Selective Remote-Excitation of Gap Mode in Metallic Nanowire-Nanoparticle System Using Chiral Surface Plasmon Polaritons. IEEE Journal of Quantum Electronics, 2020, 56, 1-6.	1.9	9
89	Morphology-Controllable Ultrafast Fiber Lasers Based on Intracavity Manipulation of Transverse Modes. Physical Review Applied, 2021, 16, .	3.8	9
90	Narrowband Mode-Locked Fiber Laser via Spectral-Domain Intermodal Interference. Journal of Lightwave Technology, 2021, 39, 6276-6280.	4.6	9

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91	Pulse-state Switchable Fiber Laser Mode-locked by Carbon Nanotubes. IEEE Photonics Technology Letters, 2014, , 1-1.	2.5	8
92	Lab on D-shaped fiber excited via azimuthally polarized vector beam for surface-enhanced Raman spectroscopy. Optics Express, 2020, 28, 12071.	3.4	8
93	Ultrafast all-anomalous-dispersion Er-doped large-mode-area fiber lasers. Optics and Laser Technology, 2022, 148, 107783.	4.6	8
94	Experimental investigation of square dissipative soliton generation and propagation. Applied Optics, 2010, 49, 4751.	2.1	7
95	Plasmon-enhanced linear and second-order surface nonlinear optical response of silver nanoparticles fabricated using a femtosecond pulse. Nanotechnology, 2020, 31, 035305.	2.6	7
96	Periodic attraction and repulsion within the tight-bound Ï€-phase soliton molecule. Optics Letters, 2021, 46, 5599.	3.3	7
97	Internal dynamics in bound states of unequal solitons. Optics Letters, 2022, 47, 1618.	3.3	7
98	Tunable-wavelength picosecond vortex generation in fiber and its application in frequency-doubled vortex. Journal of Optics (United Kingdom), 2018, 20, 014004.	2.2	6
99	Ultrafast Lasers: Graphene Actively Mode-Locked Lasers (Adv. Funct. Mater. 28/2018). Advanced Functional Materials, 2018, 28, 1870194.	14.9	6
100	Coherent dissipative soliton intermittency in ultrafast fiber lasers. Chinese Optics Letters, 2022, 20, 011401.	2.9	6
101	All-fiber frequency shifter consisting of a fiber Bragg grating modulated via an acoustic flexural wave for optical heterodyne measurement. Optics Letters, 2019, 44, 3725.	3.3	6
102	Synchronous and asynchronous pulsating dual solitons in lasers. Optics Letters, 2022, 47, 3323.	3.3	6
103	Carbon nanotube-deposited tilted fiber Bragg grating for refractive index and temperature sensing. IEEE Photonics Technology Letters, 2016, , 1-1.	2.5	5
104	Coupling-induced spectral splitting for plasmonic sensing with ultra-high figure of merit. Chinese Physics B, 2018, 27, 117302.	1.4	5
105	<italic>In-Situ</italic> Monitoring Method for Solution Volatilization Using Tilted Fiber Bragg Grating. IEEE Sensors Journal, 2015, 15, 3000-3003.	4.7	4
106	Linear-cavity cylindrical vector lasers based on all-fiber mode converters. Optics Communications, 2018, 427, 306-310.	2.1	4
107	Plasmon-enhanced nonlinear nanofocusing of gold nanoprisms drivenviaan ultrafast azimuthal vector beam. Nanoscale, 2020, 12, 7045-7050.	5.6	4
108	Experimental investigation of high-energy wave-breaking-free-pulse generation in bidirectional-pumping all-fiber laser. Applied Optics, 2011, 50, 1465.	2.1	3

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109	Investigation of magneto-induced linear dichroism of magnetic fluid. Applied Optics, 2017, 56, 739.	2.1	3
110	Dynamic manipulation of optical chirality for gammadion nanostructures. Applied Physics Express, 2019, 12, 072015.	2.4	3
111	Formation and Evolution of Soliton in Two-Mode Fiber Laser. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	3
112	Intracavity frequency doubling based on BBO crystals in a mode-locked erbium-doped fiber laser. Japanese Journal of Applied Physics, 2020, 59, 080902.	1.5	2
113	Recent progress in investigation and application of dissipative soliton in fiber lasers. Chinese Science Bulletin, 2012, 57, 3039-3054.	0.7	2
114	Integration of topological insulator nanogap with atomic single layer for boosting photoluminescence. Optical Materials, 2021, 122, 111786.	3.6	2
115	All-Fiber Tunable Ring Laser Based on an Acousto-Optic Tunable Coupler. , 2015, , .		1
116	A nonuniform-polarization high-energy ultra-broadband laser with a long erbium-doped fiber. Laser Physics, 2013, 23, 035104.	1.2	0