

Jiangfeng Zhu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A 515-nm laser-pumped idler-resonant femtosecond BiB ₃ O ₆ optical parametric oscillator. Chinese Physics B, 2022, 31, 014213.	0.7	0
2	All-fiber supercontinuum source operating at 1.4 μ m with combination of different PCFs. Applied Physics B: Lasers and Optics, 2022, 128, 1.	1.1	3
3	Spatial variability of bigeye tuna habitat in the Pacific Ocean: Hindcast from a refined ecological niche model. Fisheries Oceanography, 2021, 30, 23-37.	0.9	9
4	Diode-pumped 10-W femtosecond Yb:CALGO laser with high beam quality. High Power Laser Science and Engineering, 2021, 9, .	2.0	9
5	Generation of 172-fs pulse from a Nd: YVO ₄ picosecond laser by using multi-pass-cell technique. Applied Physics B: Lasers and Optics, 2021, 127, 1.	1.1	14
6	10-W-scale Kerr-lens mode-locked Yb:CALYO laser with sub-100-fs pulses. Optics Letters, 2021, 46, 1297.	1.7	27
7	2-GHz watt-level Kerr-lens mode-locked Yb:KGW laser. Optics Express, 2021, 29, 12950.	1.7	9
8	Review of laser-diode pumped Ti:sapphire laser. Microwave and Optical Technology Letters, 2021, 63, 2135-2144.	0.9	13
9	The effects of spatiotemporal scale on commercial fishery abundance index suitability. ICES Journal of Marine Science, 2021, 78, 2506-2517.	1.2	6
10	Generation of annular femtosecond few-cycle pulses by self-compression and spatial filtering in solid thin plates. Optics Express, 2021, 29, 29789.	1.7	9
11	High average power 200-fs mid-infrared KTP optical parametric oscillator tunable from 2.61 to 3.84 μ m. Applied Physics B: Lasers and Optics, 2021, 127, 1.	1.1	5
12	2-GHz High-power Kerr-lens Mode-locked Yb:KGW Laser. , 2021, , .		0
13	Ultrahigh Resolution Thickness Measurement Technique Based on a Hollow Core Optical Fiber Structure. Sensors, 2020, 20, 2035.	2.1	4
14	97-fs pulses with 10-W average power generated from a Kerr-lens mode-locked Yb:CaYAlO ₄ oscillator. , 2020, , .		1
15	Mode-locked Tm-doped fiber laser with large modulation depth ReS _{1.02} Se _{0.98} nanosheet saturable absorber. Japanese Journal of Applied Physics, 2019, 58, 100907.	0.8	5
16	515-nm pumped femtosecond optical parametric oscillator at 755-MHz based on BiB ₃ O ₆ . Applied Physics B: Lasers and Optics, 2019, 125, 1.	1.1	1
17	Sub-40-fs high-power Yb:CALYO laser pumped by single-mode fiber laser. High Power Laser Science and Engineering, 2019, 7, .	2.0	13
18	Diode-pumped high power sub-100 fs Kerr-lens mode-locked Yb:CaYAlO ₄ laser with 1.85 MW peak power. , 2019, , .		1

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19	Diode-pumped high-power sub-100 fs Kerr-lens mode-locked Yb:CaYAlO ₄ laser with 185 MW peak power. Optics Express, 2019, 27, 21448.	1.7	20
20	Stable High Power Sub-50 fs Kerr-Lens Mode-Locked Yb:CaYAlO ₄ Laser. , 2019, , .		0
21	Passively Q-Switched Yb-Doped All-Fiber Laser With a Black Phosphorus Saturable Absorber. Journal of Lightwave Technology, 2018, 36, 2010-2016.	2.7	27
22	Analysis of angle vibration effects on imaging quality of synthetic aperture ladar. Optik, 2018, 157, 298-305.	1.4	1
23	Design of a 36-W fiber-coupled green laser diode by Zemax. Results in Physics, 2018, 11, 219-222.	2.0	8
24	Broadband Degenerate Femtosecond OPO around 2060 nm. International Journal of Optics, 2018, 2018, 1-5.	0.6	0
25	Highly-stable mode-locked PM Yb-fiber laser with 10 nJ in 93-fs at 6 MHz using NALM. Optics Express, 2018, 26, 10428.	1.7	50
26	High power sub 100-fs Kerr-lens mode-locked Yb:YSO laser pumped by single-mode fiber laser. Optics Express, 2018, 26, 5962.	1.7	9
27	Simple method for liquid analysis by laser-induced breakdown spectroscopy (LIBS). Optics Express, 2018, 26, 18794.	1.7	49
28	High energy passively Q-switched Er-doped fiber laser based on Mo _{0.05} W _{0.05} S ₂ saturable absorber. Optical Materials Express, 2018, 8, 324.	1.6	9
29	Diode-pumped power scalable Kerr-lens mode-locked Yb:CYA laser. Photonics Research, 2018, 6, 127.	3.4	35
30	Highly stable Yb-fiber laser amplifier of delivering 32-1/4, 153-fs pulses at 1-MHz repetition rate. Applied Physics B: Lasers and Optics, 2018, 124, 1.	1.1	14
31	Sub-40 fs, 2 W Kerr-lens mode-locked Yb:CYA laser. , 2018, , .		1
32	1-MHz high power femtosecond Yb-doped fiber chirped-pulse amplifier. , 2018, , .		2
33	Ni ²⁺ :KZnF ₃ Glass-Ceramics Waveguide Beam Splitters Inscribed by Femtosecond Laser. , 2018, , .		0
34	Highly efficient and high-power diode-pumped femtosecond Yb:LYSO laser. Laser Physics Letters, 2017, 14, 045802.	0.6	5
35	Kerr-lens mode-locked polycrystalline Cr:ZnS femtosecond laser pumped by a monolithic Er:YAG laser. Chinese Physics B, 2017, 26, 014206.	0.7	1
36	Tunable second harmonic generation from a Kerr-lens mode-locked Yb:YCa ₄ O(BO ₃) ₃ femtosecond laser. Chinese Physics B, 2017, 26, 044202.	0.7	5

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37	CW and tunable performances of Yb ³⁺ :LuAG transparent ceramics with different doping concentrations. <i>Optical Materials</i> , 2017, 69, 190-195.	1.7	5
38	Generation of femtosecond laser pulses at 263 nm by K ₃ B ₆ O ₁₀ Cl crystals. <i>Chinese Physics B</i> , 2017, 26, 064208.	0.7	2
39	Spectroscopic Properties and Continuous Wave Laser Performances at 1064 nm of Nd ³⁺ :LuAG Transparent Ceramic. <i>IEEE Photonics Journal</i> , 2017, 9, 1-14.	1.0	2
40	Demonstration and CW laser performances of composite YAG/Nd:LuAG/YAG transparent laser ceramic. <i>Journal of Alloys and Compounds</i> , 2017, 727, 912-918.	2.8	14
41	Femtosecond Pulses Generation From a Diode-Pumped Yb:CaNb ₂ O ₆ Disordered Crystal Laser. <i>IEEE Access</i> , 2017, 5, 27292-27296.	2.6	2
42	Diode-pumped high-power Kerr-lens mode-locked Yb:CYA laser. , 2017, , .		0
43	2 W, 95 fs Kerr-lens mode-locked Yb:YSO laser. , 2017, , .		1
44	High efficiency Kerr-lens mode-locked Yb:GSO oscillator. , 2017, , .		0
45	263-nm Deep Ultraviolet Femtosecond Laser Pulses Generation in K ₃ B ₆ O ₁₀ Cl Crystal. , 2017, , .		0
46	Diode-pumped passively mode-locked sub-picosecond Yb:LuAG ceramic laser. <i>Chinese Physics B</i> , 2017, 26, 054213.	0.7	3
47	Harmonically pumped femtosecond optical parametric oscillator with multi-gigahertz repetition rate. <i>Optics Express</i> , 2016, 24, 29814.	1.7	7
48	Spectral and Laser Properties of Yb:LuAG Transparent Ceramics Fabricated by Tape Casting Method. <i>Journal of the American Ceramic Society</i> , 2016, 99, 3267-3272.	1.9	13
49	A 12.1-W SESAM mode-locked Yb:YAG thin disk laser. <i>Chinese Physics B</i> , 2016, 25, 054205.	0.7	2
50	Tunable femtosecond near-infrared source based on a Yb:LYSO-laser-pumped optical parametric oscillator. <i>Chinese Physics B</i> , 2016, 25, 014207.	0.7	5
51	Generation of femtosecond laser pulses at 396 nm in K ₃ B ₆ O ₁₀ Cl crystal. <i>Chinese Physics B</i> , 2016, 25, 124204.	0.7	4
52	Cation diffusion at the interface of composite YAG/Re:LuAG (Re = Nd or Yb) transparent ceramics. <i>Journal of the European Ceramic Society</i> , 2016, 36, 2555-2564.	2.8	32
53	Longitudinally diode-pumped planar waveguide YAG/Yb:LuAG/YAG ceramic laser at 1030 nm. <i>Optics Letters</i> , 2016, 41, 3317.	1.7	14
54	Femtosecond mode-locked Nd:La:CaF ₂ disordered crystal laser. <i>Optical Materials Express</i> , 2016, 6, 2184.	1.6	20

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55	Generation of 15W femtosecond laser pulse from a Kerr-lens mode-locked Yb:YAG thin-disk oscillator. Chinese Physics B, 2016, 25, 094207.	0.7	1
56	Generation of sub-100 fs pulses from mode-locked Nd,Y:SrF ₂ laser with enhancing SPM. Laser Physics Letters, 2016, 13, 055804.	0.6	27
57	Diode-pumped Kerr-lens mode-locked Yb:CaGdAlO ₄ laser with tunable wavelength. Laser Physics Letters, 2016, 13, 015302.	0.6	8
58	Diode-pumped Kerr-lens mode-locked femtosecond Yb:YAG ceramic laser. Chinese Physics B, 2016, 25, 024205.	0.7	3
59	Diode-pumped Kerr-lens mode-locked Yb: GSO laser generating 72 fs pulses. Optics and Laser Technology, 2016, 79, 137-140.	2.2	6
60	Characterization of the complete mitochondrial genome of Sickle pomfret Taractichthys steindachneri (Perciformes: Bramidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3481-3482.	0.7	1
61	Passively Q-switched Ytterbium-doped Fiber Laser Based on Mechanically Exfoliated Black Phosphorus. , 2016, , .		4
62	High-power, widely tunable, green-pumped femtosecond BiB ₃ O ₆ optical parametric oscillator. Optics Letters, 2016, 41, 4851.	1.7	12
63	Laser diode pumped Kerr-Lens Mode-locking Nd, Y-codoped CaF ₂ laser. , 2015, , .		0
64	Efficient diode-pumped high power femtosecond Yb:LYSO laser. , 2015, , .		0
65	Kerr-Lens Mode-Locked Femtosecond Yb:GdYSiO ₅ Laser Directly Pumped by a Laser Diode. Applied Sciences (Switzerland), 2015, 5, 817-824.	1.3	11
66	Diode-pumped Kerr-lens mode-locked femtosecond Yb:YAG ceramic laser. , 2015, , .		0
67	Single line waveguide inside Ho ³⁺ -doped chalcogenide glass inscribed by femtosecond laser. , 2015, , .		0
68	High-Pulse-Energy All-Normal-Dispersion Yb-Doped Fiber Laser Based on Nonlinear Polarization Evolution. Chinese Physics Letters, 2015, 32, 114202.	1.3	3
69	Generation of 33â€‰fs pulses directly from a Kerr-lens mode-locked Yb:CaYAlO ₄ laser. Photonics Research, 2015, 3, 335.	3.4	36
70	High-energy pulse generation using Yb-doped Q-switched fiber laser based on single-walled carbon nanotubes. Chinese Physics B, 2015, 24, 097601.	0.7	8
71	Diode-pumped femtosecond mode-locked Nd, Y-codoped CaF ₂ laser. Laser Physics Letters, 2015, 12, 035801.	0.6	14
72	Generation of 54 Fs Laser Pulses from a Diode Pumped Kerr-Lens Mode-Locked Yb:LSO Laser. Chinese Physics Letters, 2015, 32, 024206.	1.3	8

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73	Waveguide in Tm ³⁺ -Doped Chalcogenide Glass Fabricated by Femtosecond Laser Direct Writing. IEEE Photonics Technology Letters, 2015, 27, 237-240.	1.3	12
74	Dissipative soliton and synchronously dual-wavelength mode-locking Yb:YSO lasers. Optics Express, 2015, 23, 8731.	1.7	11
75	Two types of cavities for side-pumped Nd:YAG laser mode locked by semiconductor saturable absorber mirror. Optik, 2015, 126, 3752-3754.	1.4	1
76	Generation of 33-fs laser pulses from a Kerr-lens mode-locked Yb:CaYAlO ₄ laser. , 2015, , .		0
77	Efficient femtosecond optical parametric oscillator pumped by all solid-state mode-locking Yb:YCOB laser. Chinese Optics Letters, 2015, 13, 011901-11903.	1.3	1
78	Sub-40-fs pulses generated from a diode-pumped Kerr-lens mode-locked Yb:YCOB laser. , 2015, , .		0
79	Diode-pumped self-starting mode-locked femtosecond Yb:YCa ₄ O(BO ₃) ₃ laser. Chinese Physics B, 2014, 23, 054207.	0.7	6
80	Generation of 73-fs pulses from a diode pumped Kerr-lens mode-locked Yb:YCa ₄ O(BO ₃) ₃ laser. Optics Letters, 2014, 39, 5870.	1.7	22
81	All-normal-dispersion passive harmonic mode-locking 220-fs ytterbium fiber laser. Applied Optics, 2014, 53, 5088.	0.9	17
82	Diode-pumped Kerr-lens mode-locked Yb:LYSO laser with 61fs pulse duration. Optics Express, 2014, 22, 19040.	1.7	19
83	Generation of 85-fs laser pulses from a diode-pumped Kerr-lens mode-locking Yb:(Y _{0.9} La _{0.1}) ₂ O ₃ ceramic laser. Laser Physics Letters, 2014, 11, 115302.	0.6	1
84	Dissipative soliton operation in diode pumped ultrafast Yb:GdYSiO ₅ oscillator. Chinese Optics Letters, 2014, 12, 031401-31403.	1.3	8
85	Tunable femtosecond laser in the visible range with an intracavity frequency-doubled optical parametric oscillator. Chinese Physics B, 2013, 22, 054210.	0.7	4
86	Dissipative solitons operation in a diode pumped Yb: GdYSiO ₅ oscillator. , 2013, , .		0
87	Diode-pumped passively mode-locked Yb:GYSO laser generating 324-fs pulses at 1091-nm. Optics Letters, 2012, 37, 5190.	1.7	19
88	High Energy Picosecond Optical Parametric Amplifier Pumped by the Second Harmonic of a Two-Stage Ti:sapphire Laser. IEEE Journal of Quantum Electronics, 2012, 48, 1300-1304.	1.0	2
89	Efficient femtosecond optical parametric oscillator with dual-wavelength operation. Optics Letters, 2012, 37, 1436.	1.7	10
90	Diode-pumped passively mode-locked femtosecond Yb:(Y _{0.9} La _{0.1}) ₂ O ₃ ceramic laser. Chinese Optics Letters, 2012, 10, 121403-121405.	1.3	5

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91	Generation of Sub-900- μm Supercontinuum With a Two-Octave Bandwidth Based on Induced Phase Modulation in Argon-Filled Hollow Fiber. IEEE Photonics Technology Letters, 2011, 23, 688-690.	1.3	14
92	Frequency-Varying Spectral Shear Interferometry for Characterization of Extremely Short Attosecond Pulses. IEEE Journal of Quantum Electronics, 2011, 47, 810-818.	1.0	2
93	Species composition and diversity of pelagic fishes based on a longline fishery catch in the North Pacific Ocean. Chinese Journal of Oceanology and Limnology, 2011, 29, 261-269.	0.7	4
94	Sub-1mJ Over-Two-Octave White-Light Continuum Generated by Induced Phase Modulation in Argon-Filled Hollow Fiber. , 2011, , .		0
95	Measurement and Control of Carrier-Envelope Phase in Femtosecond Ti:sapphire Laser. , 2010, , .		1
96	Ultrabroadband spectral amplitude modulation using a liquid crystal spatial light modulator with ultraviolet-to-near-infrared bandwidth. Applied Optics, 2010, 49, 350.	2.1	7
97	Synchronously pumped femtosecond optical parametric oscillator at 1053 nm. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1187-1190.	0.2	3
98	Power stabilized femtosecond pulse generation by synchronously pumped optical parametric oscillator. , 2009, , .		0
99	Carrier-envelope phase stabilized 5-fs laser and generation of continuum XUV radiation. , 2009, , .		0
100	Experimental study on generation of high energy few cycle pulses with hollow fiber filled with neon. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 507-511.	0.2	10
101	Carrier-envelope phase locking of 5 fs amplified Ti:sapphire laser pulse at 1 kHz repetition rate. Science Bulletin, 2008, 53, 671-675.	1.7	3
102	Sum-frequency generation between an actively synchronized ultrashort Ti:sapphire laser and a Nd:YVO ₄ laser. Journal of the Optical Society of America B: Optical Physics, 2008, 25, B39.	0.9	2
103	A compact 355TW femtosecond Ti:sapphire laser facility and trend to high contrast ratio. Journal of Physics: Conference Series, 2008, 112, 032003.	0.3	10
104	A 355 TW femtosecond Ti:sapphire laser facility with three stage amplifiers. , 2007, , .		0
105	Management of Femtosecond Laser Pulseâ€™s Generation, Phase Control, Synchronization and Amplification. AIP Conference Proceedings, 2007, , .	0.3	0
106	Submicron domain inversion in Mg-doped LiNbO ₃ using backswitched poling with short voltage pulses. Applied Physics Letters, 2007, 90, 062908.	1.5	2
107	Amplification Ti:sapphire laser to 355TW with a compact design. , 2007, , .		0
108	A 355 TW femtosecond Ti:Sapphire laser facility with three stage amplifiers. , 2007, , .		0

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109	High energy optical parametric amplifier pumped by 400nm picosecond Ti:sapphire laser. , 2007, , .		0
110	Compression and carrier-envelope phase control of 5fs laser pulse for driving attosecond pulse. , 2007, 6279, 1099.		0
111	Self-starting 21-ps Ti:sapphire laser with high beam quality. , 2007, , .		0
112	High-energy picosecond near-vacuum ultraviolet pulses generated by sum-frequency mixing of an amplified Ti:sapphire laser. Applied Optics, 2007, 46, 6228.	2.1	10
113	Optimized design and construction of 100 TW Ti:sapphire laser - toward phase controlling, spectrum shaping and wave-front correction. , 2005, , .		0
114	High energy widely tunable narrow-linewidth Ti:sapphire laser using combined-cavity configuration. Optics Express, 0, , .	1.7	0