

Wenlong Tian

List of Publications by Year in descending order

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502
citing authors

#	ARTICLE	IF	CITATIONS
1	High Sensitivity of Refractive Index Sensor Based on Analyte-Filled Photonic Crystal Fiber With Surface Plasmon Resonance. IEEE Photonics Journal, 2015, 7, 1-9.	2.0	116
2	70-fs mode-locked erbium-doped fiber laser with topological insulator. Scientific Reports, 2016, 6, 19997.	3.3	111
3	Diode-pumped power scalable Kerr-lens mode-locked Yb:CYA laser. Photonics Research, 2018, 6, 127.	7.0	35
4	10-W-scale Kerr-lens mode-locked Yb:CALYO laser with sub-100-fs pulses. Optics Letters, 2021, 46, 1297.	3.3	27
5	Generation of 73â€‰%â€‰fs pulses from a diode pumped Kerr-lens mode-locked Yb:YCa ₄ O(BO ₃) ₃ laser. Optics Letters, 2014, 39, 5870.	3.3	22
6	Diode-pumped high-power sub-100 fs Kerr-lens mode-locked Yb:CaYAIO ₄ laser with 185 MW peak power. Optics Express, 2019, 27, 21448.	3.4	20
7	Diode-pumped passively mode-locked Yb:GYSO laser generating 324â€‰fs pulses at 1091â€‰nm. Optics Letters, 2012, 37, 5190.	3.3	19
8	Diode-pumped Kerr-lens mode-locked Yb:LYSO laser with 61fs pulse duration. Optics Express, 2014, 22, 19040.	3.4	19
9	Sub-40-fs high-power Yb:CALYO laser pumped by single-mode fiber laser. High Power Laser Science and Engineering, 2019, 7, .	4.6	13
10	Review of laserâ€‰diode pumped Ti:sapphire laser. Microwave and Optical Technology Letters, 2021, 63, 2135-2144.	1.4	13
11	High-power, widely tunable, green-pumped femtosecond BiB ₃ O ₆ optical parametric oscillator. Optics Letters, 2016, 41, 4851.	3.3	12
12	Kerr-Lens Mode-Locked Femtosecond Yb:GdYSiO ₅ Laser Directly Pumped by a Laser Diode. Applied Sciences (Switzerland), 2015, 5, 817-824.	2.5	11
13	Dissipative soliton and synchronously dual-wavelength mode-locking Yb:YSO lasers. Optics Express, 2015, 23, 8731.	3.4	11
14	Nanosecond Hybrid Q-Switched Er-Doped Fiber Laser With WS ₂ Saturable Absorber. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	11
15	High power sub 100-fs Kerr-lens mode-locked Yb:YSO laser pumped by single-mode fiber laser. Optics Express, 2018, 26, 5962.	3.4	9
16	â€‰J-level multi-cycle terahertz generation in a periodically poled Rb:KTP crystal. Optics Letters, 2021, 46, 741.	3.3	9
17	Diode-pumped Kerr-lens mode-locked Yb: GSO laser generating 72 fs pulses. Optics and Laser Technology, 2016, 79, 137-140.	4.6	6
18	Tunable, high-repetition-rate, dual-signal-wavelength femtosecond optical parametric oscillator based on BiB ₃ O ₆ . Applied Physics B: Lasers and Optics, 2018, 124, 1.	2.2	6

#	ARTICLE	IF	CITATIONS
19	Highly efficient and high-power diode-pumped femtosecond Yb:LYSO laser. Laser Physics Letters, 2017, 14, 045802.	1.4	5
20	High average power 200Âfs mid-infrared KTP optical parametric oscillator tunable from 2.61 to 3.84Âµm. Applied Physics B: Lasers and Optics, 2021, 127, 1.	2.2	5
21	A fully stabilized low-phase-noise Kerr-lens mode-locked Yb:CYA laser frequency comb with an average power of 1.5ÂW. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	4
22	515Ânm pumped femtosecond optical parametric oscillator at 755ÂMHz based on BiB3O6. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	1
23	Diode-pumped high power sub-100 fs Kerr-lens mode-locked Yb:CaYAlO4 laser with 1.85 MW peak power. , 2019, , .		1
24	Sub-40 fs, 2 W Kerr-lens mode-locked Yb:CYA laser. , 2018, , .		1
25	97-fs pulses with 10-W average power generated from a Kerr-lens mode-locked Yb:CaYAlO4 oscillator. , 2020, , .		1
26	Efficient diode-pumped high power femtosecond Yb:LYSO laser. , 2015, , .		0
27	Diode-pumped high-power Kerr-lens mode-locked Yb:CYA laser. , 2017, , .		0
28	Generation of 408 fs dark soliton pulse in a mode-locked ytterbium-doped fiber laser. , 2017, , .		0
29	Broadband Degenerate Femtosecond OPO around 2060â€µm. International Journal of Optics, 2018, 2018, 1-5.	1.4	0
30	20-W, 168 fs Yb:CALGO regenerative amplifier with 1-MHz repetition rate. , 2021, , .		0
31	Stable High Power Sub-50 fs Kerr-Lens Mode-Locked Yb:CaYAlO4 Laser. , 2019, , .		0
32	Efficient multi-cycle terahertz generation based on a multi-lines source. , 2020, , .		0