

# Jinzhang Wang

## List of Publications by Year in descending order

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44  
papers

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citations

430874

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all docs

44  
docs citations

44  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable thulium-doped mode-locked fiber laser with watt-level average power. Optics Letters, 2022, 47, 1545.	3.3	12
2	High Modulation Depth Enabled by Mo <sub>2</sub> Ti <sub>2</sub> C <sub>3</sub> Tx MXene for Q-Switched Pulse Generation in a Mid-Infrared Fiber Laser. Nanomaterials, 2022, 12, 1343.	4.1	11
3	Average-power (4.13 W) 59 fs mid-infrared pulses from a fluoride fiber laser system. Optics Letters, 2022, 47, 2562.	3.3	19
4	All-Fiber Mid-Infrared Supercontinuum Generation Pumped by Ultra-Low Repetition Rate Noise-Like Pulse Mode-Locked Fiber Laser. Journal of Lightwave Technology, 2022, 40, 4855-4862.	4.6	15
5	Generation of few-cycle pulses from a mode-locked Tm-doped fiber laser. Optics Letters, 2021, 46, 2445.	3.3	10
6	Mode-locked fiber laser at 2.8 $\mu$ m using a chemical-vapor-deposited WSe <sub>2</sub> saturable absorber mirror. Applied Physics Express, 2020, 13, 012013.	2.4	12
7	Soliton Mode-Locked Large-Mode-Area Tm-Doped Fiber Oscillator. IEEE Photonics Technology Letters, 2020, 32, 117-120.	2.5	7
8	Ultrafast Pulse Generation for Er- and Tm- Doped Fiber Lasers With Sb Thin Film Saturable Absorber. Journal of Lightwave Technology, 2020, 38, 3710-3716.	4.6	8
9	High-Power Femtosecond Pulse Generation From an All-Fiber Er-Doped Chirped Pulse Amplification System. IEEE Photonics Journal, 2020, 12, 1-8.	2.0	3
10	Few-layer metal monochalcogenide saturable absorbers for high-energy Q-switched pulse generation. Nanotechnology, 2020, 31, 205204.	2.6	5
11	2.8 $\mu$ m passively Q-switched Er:ZBLAN fiber laser with an Sb saturable absorber mirror. Applied Optics, 2020, 59, 9165.	1.8	12
12	High-power mode-locked thulium-doped fiber laser with tungsten ditelluride as saturable absorber. Applied Optics, 2020, 59, 196.	1.8	6
13	Sub-200 fs, 344 MHz mode-locked Tm-doped fiber laser. Optics Letters, 2020, 45, 5492.	3.3	23
14	Group IIIA/IVA monochalcogenides nanosheets for ultrafast photonics. APL Photonics, 2019, 4, 090801.	5.7	16
15	Supercontinuum Generation by Using a Highly Germania-Doped Fiber With a High-Power Proportion Beyond 2400 nm. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	3
16	The nonlinear optical properties of few-layer VSe <sub>2</sub> nanosheets. , 2019, , .		1
17	Hafnium Sulfide Nanosheets for Ultrafast Photonic Device. Advanced Optical Materials, 2019, 7, 1801303.	7.3	60
18	Fundamental and harmonic mode-locked h-shaped pulse generation using a figure-of-9 thulium-doped fiber laser. Optics Express, 2019, 27, 37172.	3.4	21

#	ARTICLE	IF	CITATIONS
19	033â€‰mJ, 1043â€‰W dissipative soliton resonance based on a figure-of-9 double-clad Tm-doped oscillator and an all-fiber MOPA system. Photonics Research, 2019, 7, 513.	7.0	39
20	Dual-Operation Regime Thulium-Doped Fiber Laser and Its Applications in Cascaded Raman Light and Supercontinuum Generation. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	8
21	Ultrafast Thulium-Doped Fiber Laser Mode Locked by Monolayer WSe <sub>2</sub> . IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	35
22	Î±-In <sub>2</sub> Se <sub>3</sub> wideband optical modulator for pulsed fiber lasers. Optics Letters, 2018, 43, 4417.	3.3	44
23	172â€‰fs, 243â€‰kW peak power pulse generation from a Ho-doped fiber laser system. Optics Letters, 2018, 43, 4619.	3.3	20
24	Raman scattering enhancement of a single ZnO nanorod decorated with Ag nanoparticles: synergies of defects and plasmons: publisher's note. Optics Letters, 2018, 43, 2627.	3.3	0
25	Mode-locked thulium-doped fiber laser with chemical vapor deposited molybdenum ditelluride. Optics Letters, 2018, 43, 1998.	3.3	93
26	High energy soliton pulse generation by a magnetron-sputtering-deposition-grown MoTe <sub>2</sub> saturable absorber. Photonics Research, 2018, 6, 535.	7.0	128
27	Raman scattering enhancement of a single ZnO nanorod decorated with Ag nanoparticles: synergies of defects and plasmons. Optics Letters, 2018, 43, 2244.	3.3	13
28	Sb <sub>2</sub> Te <sub>3</sub> mode-locked ultrafast fiber laser at 1.93 Î¼m. Chinese Physics B, 2018, 27, 084214.	1.4	15
29	Passively Mode-Locked Ytterbium-Doped Fiber Laser With Cylindrical Vector Beam Generation Based on Mode Selective Coupler. Journal of Lightwave Technology, 2018, 36, 3403-3407.	4.6	23
30	Single-Wavelength and Multiwavelength Q-Switched Fiber Laser Using Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	16
31	Tunable Passively-Synchronized 1-Î¼m Q-Switched and 1.5-Î¼m Gain-Switched Dual-Wavelength Fiber Laser Based on an Er/Yb Codoped Fiber. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	5
32	Large-area tungsten disulfide for ultrafast photonics. Nanoscale, 2017, 9, 1871-1877.	5.6	126
33	CVD-grown WSe <sub>2</sub> for ultrafast erbium-doped fiber laser. , 2017, , .		0
34	Mode-locked thulium-doped fiber laser with WSe <sub>2</sub> based evanescent field interaction. , 2017, , .		0
35	177 fs, 16.5 nJ erbium-based all-fiber CPA system. , 2017, , .		1
36	Two-dimensional layered materials and Van der Waals heterostructures for ultrafast photonics (invited). , 2017, , .		0

#	ARTICLE	IF	CITATIONS
37	Transition-metal dichalcogenides heterostructure saturable absorbers for ultrafast photonics. Optics Letters, 2017, 42, 4279.	3.3	79
38	Large-area highly crystalline WSe <sub>2</sub> atomic layers for ultrafast pulsed lasers. Optics Express, 2017, 25, 30020.	3.4	59
39	High-energy and efficient Raman soliton generation tunable from 198 to 229 $\mu\text{m}$ in an all-silica-fiber thulium laser system. Optics Letters, 2017, 42, 3518.	3.3	31
40	Magnetron-sputtering deposited WTe <sub>2</sub> for an ultrafast thulium-doped fiber laser. Optics Letters, 2017, 42, 5010.	3.3	81
41	Scaling all-fiber mid-infrared supercontinuum up to 10 $\text{W}$ -level based on thermal-spliced silica fiber and ZBLAN fiber. Photonics Research, 2016, 4, 135.	7.0	55
42	152 fs nanotube-mode-locked thulium-doped all-fiber laser. Scientific Reports, 2016, 6, 28885.	3.3	86
43	Q-Switched Fiber Laser Using a Fiber-Tip-Integrated TI Saturable Absorption Mirror. IEEE Photonics Journal, 2016, 8, 1-6.	2.0	17
44	Passively mode-locked fiber laser by a cell-type WS <sub>2</sub> nanosheets saturable absorber. Scientific Reports, 2015, 5, 12587.	3.3	150