Mengli Liu

List of Publications by Year
in descending order

18 papers	**1,138** citations	623734 **14** h-index	794594 **19** g-index
19 all docs	**19** docs citations	**19** times ranked	**758** citing authors

#	ARTICLE	IF	CITATIONS
1	Application of transition metal dichalcogenides in midâ€‘infrared fiber laser. Nano Select, 2021, 2, 37-46.	3.7	13
2	Optical properties and applications of SnS<sub>2</sub> SAs with different thickness. Opto-Electronic Advances, 2021, 4, 200029-200029.	13.3	35
3	Yttrium oxide as a Q-switcher for the near-infrared erbium-doped fiber laser. Nanophotonics, 2020, 9, 2887-2894.	6.0	17
4	Recent Advances of 2D Materials in Nonlinear Photonics and Fiber Lasers. Advanced Optical Materials, 2020, 8, 1901631.	7.3	122
5	Saturable absorption properties and femtosecond mode-locking application of titanium trisulfide. Applied Physics Letters, 2020, 116, .	3.3	49
6	Ultrafast photonics of two dimensional AuTe2Se4/3 in fiber lasers. Communications Physics, 2020, 3, .	5.3	93
7	164 fs mode-locked erbium-doped fiber laser based on tungsten ditelluride. Nanophotonics, 2020, 9, 2763-2769.	6.0	10
8	The SnSSe SA with high modulation depth for passively Q-switched fiber laser. Nanophotonics, 2020, 9, 2549-2555.	6.0	15
9	Thickness-Dependent Ultrafast Photonics of SnS₂ Nanolayers for Optimizing Fiber Lasers. ACS Applied Nano Materials, 2019, 2, 2697-2705.	5.0	48
10	Tungsten diselenide for all-fiber lasers with the chemical vapor deposition method. Nanoscale, 2018, 10, 7971-7977.	5.6	94
11	Tungsten diselenide for mode-locked erbium-doped fiber lasers with short pulse duration. Nanotechnology, 2018, 29, 174002.	2.6	81
12	Amplification, reshaping, fission and annihilation of optical solitons in dispersion-decreasing fiber. Nonlinear Dynamics, 2018, 92, 203-213.	5.2	65
13	Ultrashort pulse generation in mode-locked erbium-doped fiber lasers with tungsten disulfide saturable absorber. Optics Communications, 2018, 406, 72-75.	2.1	39
14	Some types of dark soliton interactions in inhomogeneous optical fibers. Optical and Quantum Electronics, 2018, 50, 1.	3.3	31
15	Inelastic interaction between dark solitons for fourth-order variable-coefficient nonlinear Schrödinger equation. Journal of Electromagnetic Waves and Applications, 2017, 31, 762-767.	1.6	1
16	Effect of high-order dispersion on three-soliton interactions for the variable-coefficients Hirota equation. Physical Review E, 2017, 96, 042201.	2.1	73
17	Analytic solutions for the generalized complex Ginzburgâ€"Landau equation in fiber lasers. Nonlinear Dynamics, 2017, 89, 2933-2939.	5.2	127
18	Tungsten disulfide saturable absorbers for 67 fs mode-locked erbium-doped fiber lasers. Optics Express, 2017, 25, 2950.	3.4	214