Sicong Liu

List of Publications by Year
in descending order

17 papers	248 citations	933447 10 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	217 citing authors

#	Article	IF	Citations
1	Magnetron-sputtering deposited molybdenum carbide MXene thin films as a saturable absorber for passively Q-switched lasers. Journal of Materials Chemistry C, 2020, 8, 1608-1613.	5.5	40
2	Soliton and bound-state soliton mode-locked fiber laser based on a MoS₂/fluorine mica Langmuirâ€“Blodgett film saturable absorber. Photonics Research, 2019, 7, 431.	7.0	37
3	Generation of dark solitons in Er-doped fiber laser based on ferroferric-oxide nanoparticles. Optics and Laser Technology, 2018, 103, 354-358.	4.6	25
4	2D molybdenum carbide (Mo₂C)/fluorine mica (FM) saturable absorber for passively mode-locked erbium-doped all-fiber laser. Nanophotonics, 2020, 9, 2523-2530.	6.0	24
5	Optical properties and applications of molybdenum disulfide/SiO₂ saturable absorber fabricated by sol-gel technique. Optics Express, 2019, 27, 6348.	3.4	22
6	Molybdenum Carbide Buried in D-Shaped Fibers as a Novel Saturable Absorber Device for Ultrafast Photonics Applications. ACS Applied Materials & Interfaces, 2021, 13, 19128-19137.	8.0	17
7	Molybdenum Disulfide Film Saturable Absorber Based on Solâ€“Gel Glass and Spin-Coating Used in High-Power Q-Switched Nd:YAG Laser. ACS Applied Materials & Interfaces, 2020, 12, 9404-9408.	8.0	15
8	Passively Mode-Locked Fiber Laser with WS₂/SiO₂ Saturable Absorber Fabricated by Solâ€“Gel Technique. ACS Applied Materials & Interfaces, 2020, 12, 29625-29630.	8.0	15
9	Mode-Locked Er-Doped Fiber Laser by Using MoS2/SiO2 Saturable Absorber. Nanoscale Research Letters, 2019, 14, 59.	5.7	10
10	Nonlinear Optical Response of Reflective MXene Molybdenum Carbide Films as Saturable Absorbers. Nanomaterials, 2020, 10, 2391.	4.1	10
11	Ultrafast photonics applications of zirconium carbide as a novel mode-locker for fiber lasers. Journal of Materials Chemistry C, 2021, 9, 16985-16990.	5.5	10
12	$1.34~mu$ m Q-Switched Nd:YVO₄ Laser Based on Perovskite Film Saturable Absorber. IEEE Photonics Technology Letters, 2020, 32, 3-6.	2.5	8
13	Application prospects of boron nitride as a novel saturable absorber deviceÂfor ultrashort pulse generation in fiber lasers. Journal of Materials Chemistry C, 0, , .	5.5	7
14	Nonlinear optical properties and passively Q-switched laser application of a layered molybdenum carbide at 639 nm. Optics Letters, 2022, 47, 1830.	3.3	5
15	High-Power Passively Q-Switched Nd:YVO4 Laser Based on WS2 Saturable Absorber. IEEE Photonics Technology Letters, 2020, 32, 831-834.	2.5	2
16	Er-Doped Q-Switched Fiber Laser Based on MoS2-SAM Fabricated by Langmuir-Blodgett (LB) Technique. IEEE Photonics Technology Letters, 2019, 31, 1167-1170.	2.5	1
17	Reflective Langmuirâ€“Blodgett Molybdenum Disulfide Saturable Absorber for Q-Switched Nd:GdVO4 Laser. IEEE Photonics Technology Letters, 2019, 31, 333-336.	2.5	0