

Sicong Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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