

Fang Zhang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	2D tungsten nanosheets: ascendant nonlinear absorption properties in the ultraviolet band. Journal of Materials Chemistry C, 2022, 10, 6682-6686.	5.5	8
2	Excellent nonlinear absorption properties of 2D germanium nanosheets in the infrared band. Optical Materials, 2022, 125, 112115.	3.6	10
3	Synthetic 2D tellurium nanosheets with intense TE wave polarization absorption by employing the PVD method. Journal of Nanoparticle Research, 2022, 24, .	1.9	0
4	2D Manganese Nanosheets with Optical-Limiting Behavior for Precision Instrument and Eye Protection. ACS Applied Nano Materials, 2022, 5, 8080-8088.	5.0	6
5	Starting monomer of graphdiyneâ€“hexakis[(trimethylsilyl)ethynyl]benzene: a superior nonlinear absorption material. Journal of Materials Science, 2021, 56, 3653-3662.	3.7	8
6	Excellent ultraviolet optical limiting properties of 2D chromium nanosheets. Journal of Materials Chemistry C, 2021, 9, 13432-13438.	5.5	7
7	Review of pulse compression gratings for chirped pulse amplification system. Optical Engineering, 2021, 60, .	1.0	11
8	Ultrathin 2D Nonlayered Tellurene Nanosheets as Saturable Absorber for Picosecond Pulse Generation in All-Fiber Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-6.	2.9	18
9	Passively Q-switched modulation based on antimonene in erbium-doped fiber laser with a long term stability. Optical Materials, 2021, 118, 111256.	3.6	17
10	Broadband saturated absorption properties of bismuthene nanosheets. RSC Advances, 2021, 11, 35046-35050.	3.6	1
11	Q-Switched Erbium-doped Fiber Laser Based on Silicon Nanosheets as Saturable Absorber. Optik, 2020, 202, 163692.	2.9	23
12	2D graphdiyne: an excellent ultraviolet nonlinear absorption material. Nanoscale, 2020, 12, 6243-6249.	5.6	40
13	Passively Q-switched and mode-locked erbium-doped fiber lasers based on tellurene nanosheets as saturable absorber. Optics Express, 2020, 28, 14729.	3.4	44
14	Broadband nonlinear absorption properties of two-dimensional hexagonal tellurene nanosheets. Nanoscale, 2019, 11, 17058-17064.	5.6	42
15	Single- and Dual-Wavelength Passively Mode-Locked Erbium-Doped Fiber Laser Based on Antimonene Saturable Absorber. IEEE Photonics Journal, 2019, 11, 1-11.	2.0	17
16	Liquid-Phase Exfoliated Silicon Nanosheets: Saturable Absorber for Solid-State Lasers. Materials, 2019, 12, 201.	2.9	12
17	Excellent nonlinear absorption properties of \hat{I}^2 -antimonene nanosheets. Journal of Materials Chemistry C, 2018, 6, 2848-2853.	5.5	42
18	Nonlinear absorption properties of silicene nanosheets. Nanotechnology, 2018, 29, 225701.	2.6	12

#	ARTICLE	IF	CITATIONS
19	An intelligent method to design laser resonator with particle swarm optimization algorithm. Optoelectronics Letters, 2018, 14, 425-428.	0.8	5
20	Passively Q-switched Nd ³⁺ solid-state lasers with antimonene as saturable absorber. Optics Express, 2018, 26, 4085.	3.4	38
21	Enhanced optical limiting effect in fluorine-functionalized graphene oxide. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	0
22	One-Step Exfoliation and Hydroxylation of Boron Nitride Nanosheets with Enhanced Optical Limiting Performance. Advanced Optical Materials, 2016, 4, 141-146.	7.3	99
23	Effects of interlayer coupling on the electronic structures of antimonene/graphene van der Waals heterostructures. Superlattices and Microstructures, 2016, 100, 826-832.	3.1	27
24	Nonlinear optical effects in nitrogen-doped graphene. RSC Advances, 2016, 6, 3526-3531.	3.6	28
25	Strong optical limiting behavior discovered in black phosphorus. RSC Advances, 2016, 6, 20027-20033.	3.6	44
26	Dependence of the saturable absorption of graphene upon excitation photon energy. Applied Physics Letters, 2015, 106, .	3.3	63