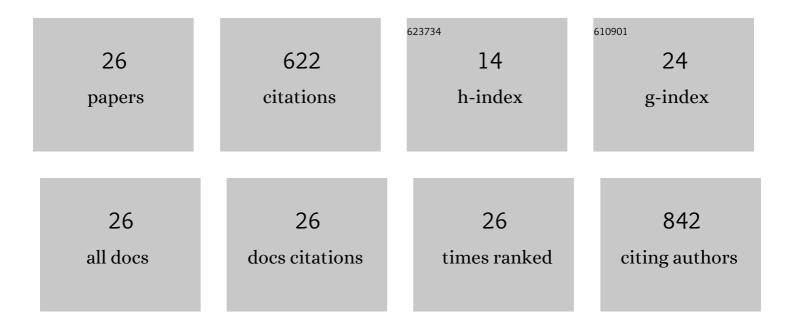
Fang Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Oneâ€Step Exfoliation and Hydroxylation of Boron Nitride Nanosheets with Enhanced Optical Limiting Performance. Advanced Optical Materials, 2016, 4, 141-146.	7.3	99
2	Dependence of the saturable absorption of graphene upon excitation photon energy. Applied Physics Letters, 2015, 106, .	3.3	63
3	Strong optical limiting behavior discovered in black phosphorus. RSC Advances, 2016, 6, 20027-20033.	3.6	44
4	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
5	Excellent nonlinear absorption properties of β-antimonene nanosheets. Journal of Materials Chemistry C, 2018, 6, 2848-2853.	5.5	42
6	Broadband nonlinear absorption properties of two-dimensional hexagonal tellurene nanosheets. Nanoscale, 2019, 11, 17058-17064.	5.6	42
7	2D graphdiyne: an excellent ultraviolet nonlinear absorption material. Nanoscale, 2020, 12, 6243-6249.	5.6	40
8	Passively Q-switched Nd ³⁺ solid-state lasers with antimonene as saturable absorber. Optics Express, 2018, 26, 4085.	3.4	38
9	Nonlinear optical effects in nitrogen-doped graphene. RSC Advances, 2016, 6, 3526-3531.	3.6	28
10	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
11	Q-Switched Erbium-doped Fiber Laser Based on Silicon Nanosheets as Saturable Absorber. Optik, 2020, 202, 163692.	2.9	23
12	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
13	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
14	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
15	Nonlinear absorption properties of silicene nanosheets. Nanotechnology, 2018, 29, 225701.	2.6	12
16	Liquid-Phase Exfoliated Silicon Nanosheets: Saturable Absorber for Solid-State Lasers. Materials, 2019, 12, 201.	2.9	12
17	Review of pulse compression gratings for chirped pulse amplification system. Optical Engineering, 2021, 60, .	1.0	11
18	Excellent nonlinear absorption properties of 2D germanium nanosheets in the infrared band. Optical Materials, 2022, 125, 112115.	3.6	10

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#	Article	IF	CITATIONS
19	Starting monomer of graphdiyne–hexakis[(trimethylsilyl)ethynyl]benzene: a superior nonlinear absorption material. Journal of Materials Science, 2021, 56, 3653-3662.	3.7	8
20	2D tungsten nanosheets: ascendant nonlinear absorption properties in the ultraviolet band. Journal of Materials Chemistry C, 2022, 10, 6682-6686.	5.5	8
21	Excellent ultraviolet optical limiting properties of 2D chromium nanosheets. Journal of Materials Chemistry C, 2021, 9, 13432-13438.	5.5	7
22	2D Manganese Nanosheets with Optical-Limiting Behavior for Precision Instrument and Eye Protection. ACS Applied Nano Materials, 2022, 5, 8080-8088.	5.0	6
23	An intelligent method to design laser resonator with particle swarm optimization algorithm. Optoelectronics Letters, 2018, 14, 425-428.	0.8	5
24	Broadband saturated absorption properties of bismuthene nanosheets. RSC Advances, 2021, 11, 35046-35050.	3.6	1
25	Enhanced optical limiting effect in fluorine-functionalized graphene oxide. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	0
26	Synthetic 2D tellurium nanosheets with intense TE wave polarization absorption by employing the PVD method. Journal of Nanoparticle Research, 2022, 24, .	1.9	0