

# Qiao Wen

## List of Publications by Year in descending order

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38  
papers

1,575  
citations

516710

16  
h-index

377865

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1666  
citing authors

#	ARTICLE	IF	CITATIONS
1	CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite with Enhanced Absorption and Stability Using Silver Nanowires and the Anatase Structure of TiO <sub>2</sub> Nanowires. Journal of Electronic Materials, 2022, 51, 778-784.	2.2	1
2	Nonlinear optical properties of two-dimensional palladium ditelluride (PdTe <sub>2</sub> ) and its application as aerosol jet printed saturable absorbers for broadband ultrafast photonics. Applied Materials Today, 2022, 26, 101296.	4.3	14
3	GeAs <sub>2</sub> Saturable Absorber for Ultrafast and Ultranarrow Photonic Applications. Advanced Functional Materials, 2022, 32, .	14.9	17
4	Liquid-Phase Exfoliation of Ta <sub>2</sub> NiS <sub>5</sub> and Its Application in Near-Infrared Mode-Locked Fiber Lasers with Evanescent Field Interactions and Passively Q-Switched Bulk Laser. Nanomaterials, 2022, 12, 695.	4.1	14
5	Single frequency fiber laser base on MXene with kHz linewidth. Journal of Materials Chemistry C, 2021, 9, 2276-2281.	5.5	8
6	Ti <sub>2</sub> CTx MXene as a Saturable Absorber for Passively Q-Switched Solid-State Lasers. Polymers, 2021, 13, 247.	4.5	11
7	MXene/Graphene Oxide Heterojunction as a Saturable Absorber for Passively Q-Switched Solid-State Pulse Lasers. Nanomaterials, 2021, 11, 720.	4.1	9
8	Sub-kilohertz linewidth fiber laser by using Bragg grating filters. Applied Optics, 2021, 60, 4299.	1.8	6
9	Single element material sulfur quantum dots nonlinear optics and ultrafast photonic applications. Optics and Laser Technology, 2021, 138, 106858.	4.6	10
10	CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite/Silver Nanowire Complex with Higher Absorption and Stability. Journal of Electronic Materials, 2021, 50, 5177.	2.2	4
11	Simple method for high beam quality laser resonator design. OSA Continuum, 2021, 4, 2036.	1.8	0
12	MXene Quantum Dot Synthesis, Optical Properties, and Ultra-narrow Photonics: A Comparison of Various Sizes and Concentrations. Laser and Photonics Reviews, 2021, 15, 2100059.	8.7	16
13	MXene Core-Shell Nanosheets: Facile Synthesis, Optical Properties, and Versatile Photonics Applications. Nanomaterials, 2021, 11, 1995.	4.1	4
14	Linear-cavity-based single frequency fiber laser with a loop mirror and Ti <sub>2</sub> CTx quantum dots. Optical Materials, 2021, 122, 111686.	3.6	8
15	100-...MHz frequency-spacing switchable single-dual-frequency laser based on MXene QDs and a phase-shifted FBG. Optics Express, 2021, 29, 43679.	3.4	2
16	Zero-Dimensional MXene-Based Optical Devices for Ultrafast and Ultranarrow Photonics Applications. Advanced Science, 2020, 7, 2002209.	11.2	60
17	Photoelectronic mechanism investigation of the structural transformation of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskites from a subnanosheet to a microwire. Materials Advances, 2020, 1, 3208-3214.	5.4	0
18	Ultrafast Yb-Doped Fiber Laser Using Few Layers of PdS <sub>2</sub> Saturable Absorber. Nanomaterials, 2020, 10, 2441.	4.1	26

#	ARTICLE	IF	CITATIONS
19	Ti <sub>2</sub> CT <sub>x</sub> (T=O, OH or F) Nanosheets as New Broadband Saturable Absorber for Ultrafast Photonics. Journal of Lightwave Technology, 2020, 38, 1975-1980.	4.6	37
20	Ultrafast pulse generation based on the 2D analogue of black phosphorus GeS. OSA Continuum, 2020, 3, 658.	1.8	7
21	In <sub>2</sub> Se <sub>3</sub> nanosheets with broadband saturable absorption used for near-infrared femtosecond laser mode locking. Nanotechnology, 2019, 30, 465704.	2.6	19
22	Inkjet-printed MXene micro-scale devices for integrated broadband ultrafast photonics. Npj 2D Materials and Applications, 2019, 3, .	7.9	87
23	Optical limiting properties of a few-layer MoS <sub>2</sub> /PMMA composite under excitation of ultrafast laser pulses. Journal of Materials Chemistry C, 2019, 7, 495-502.	5.5	46
24	Ultrafast laser pulse (115 fs) generation by using direct bandgap ultrasmall 2D GaTe quantum dots. Journal of Materials Chemistry C, 2019, 7, 5937-5944.	5.5	40
25	Single frequency fiber laser based on an ultrathin metal-organic framework. Journal of Materials Chemistry C, 2019, 7, 4662-4666.	5.5	42
26	Broadband Nonlinear Photonics in Few-Layer MXene Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> (T =) Tj ETQq 0 0 rgBT /Overlock	8.7	550
27	Passively Q-switched Er-doped fiber laser based on NbSe <sub>2</sub> quantum dot saturable absorber. , 2018, , .		1
28	Ultrasmall 2D NbSe <sub>2</sub> based quantum dots used for low threshold ultrafast lasers. Journal of Materials Chemistry C, 2018, 6, 12638-12642.	5.5	55
29	Preparation of ultrathin graphitic carbon nitride nanosheet and its application to a tunable multi-wavelength mode-locked fiber laser. Optical Materials, 2018, 86, 382-386.	3.6	6
30	Technique and model for modifying the saturable absorption (SA) properties of 2D nanofilms by considering interband exciton recombination. Journal of Materials Chemistry C, 2018, 6, 7501-7511.	5.5	32
31	Ultrathin Metal-Organic Framework: An Emerging Broadband Nonlinear Optical Material for Ultrafast Photonics. Advanced Optical Materials, 2018, 6, 1800561.	7.3	268
32	Passively Q-Switched Nd:YVO <sub>4</sub> Laser Using WS <sub>2</sub> Saturable Absorber Fabricated by Radio Frequency Magnetron Sputtering Deposition. Journal of Lightwave Technology, 2017, 35, 4120-4124.	4.6	33
33	Graphene/phosphorene nano-heterojunction: facile synthesis, nonlinear optics, and ultrafast photonics applications with enhanced performance. Photonics Research, 2017, 5, 662.	7.0	85
34	Effect of laser illumination on the morphology and optical property of few-layer MoS <sub>2</sub> nanosheet in NMP and PMMA. Journal of Materials Chemistry C, 2016, 4, 678-683.	5.5	17
35	Passively Q-Switched Nd:YAG Laser With Graphene Oxide in Heavy Water. IEEE Photonics Journal, 2014, 6, 1-6.	2.0	18
36	Exact Analytical Solution for the Mutual Compensation of Astigmatism Using Curved Mirrors in a Folded Resonator Laser. IEEE Photonics Journal, 2014, 6, 1-13.	2.0	2

#	ARTICLE	IF	CITATIONS
37	A simple method for astigmatic compensation of folded resonator without Brewster window. Optics Express, 2014, 22, 2309.	3.4	9
38	Ultrafast photonics applications based on evanescent field interactions with 2D molybdenum carbide ( $\text{Mo}_2\text{C}$ ). Journal of Materials Chemistry C, 0, , .	5.5	11