

# Jun Chen

## List of Publications by Year in descending order

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15  
papers

594  
citations

1163117

8  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Patterning Technologies for Metal Halide Perovskites: A Review. <i>Advanced Materials Technologies</i> , 2023, 8, .	5.8	17
2	Nonlinear absorption of CsPbBr <sub>3</sub> /antimonene blend materials prepared by laser ablation in liquid. <i>Optical Materials</i> , 2022, 123, 111901.	3.6	1
3	Micro-patterned photoalignment of CsPbBr <sub>3</sub> nanowires with liquid crystal molecule composite film for polarized emission. <i>Nanoscale</i> , 2021, 13, 14980-14986.	5.6	10
4	Polarization improvement of CsPbClBr <sub>2</sub> quantum dot film by laser direct writing technology. <i>Optics Letters</i> , 2021, 46, 777.	3.3	3
5	Metal Halide Perovskites for Optical Parametric Modulation. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3090-3098.	4.6	7
6	Strong Polarized Photoluminescence CsPbBr <sub>3</sub> Nanowire Composite Films for UV Spectral Conversion Polarization Photodetector Enhancement. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 36147-36156.	8.0	20
7	Synthesis of Ag/Co nanoparticles by dual pulsed laser ablation for synergistic photothermal study. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	5
8	Zn <sub>2</sub> GeO <sub>4</sub> nanowires synthesized by dual laser-hydrothermal method for deep-ultraviolet photodetectors. <i>Optics and Laser Technology</i> , 2021, 140, 106946.	4.6	10
9	Nonlinear Optics in Lead Halide Perovskites: Mechanisms and Applications. <i>ACS Photonics</i> , 2021, 8, 113-124.	6.6	80
10	Antimonene nanosheets fabricated by laser irradiation technique with outstanding nonlinear absorption responses. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	12
11	Spectra stable blue perovskite light-emitting diodes. <i>Nature Communications</i> , 2019, 10, 1868.	12.8	344
12	Laser direct-writing electrode for rapid customization of a photodetector. <i>Optics Letters</i> , 2019, 44, 683.	3.3	4
13	Bubble dimer dynamics induced by dual laser beam ablation in liquid. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	18
14	Simple and Fast Patterning Process by Laser Direct Writing for Perovskite Quantum Dots. <i>Advanced Materials Technologies</i> , 2017, 2, 1700132.	5.8	55
15	Multipulse nanosecond laser irradiation of silicon for the investigation of surface morphology and photoelectric properties. <i>Materials Research Express</i> , 2017, 4, 125902.	1.6	8