

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