

Mai He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8439147/publications.pdf>

Version: 2024-02-01

10
papers

457
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Quality In-Plane Aligned CsPbX ₃ Perovskite Nanowire Lasers with Composition-Dependent Strong Exciton-Photon Coupling. ACS Nano, 2018, 12, 6170-6178.	14.6	204
2	Controlled Vapor Growth and Nonlinear Optical Applications of Large-Area 3R Phase WS ₂ and WSe ₂ Atomic Layers. Advanced Functional Materials, 2019, 29, 1806874.	14.9	92
3	Wavelength-Tunable Mid-Infrared Lasing from Black Phosphorus Nanosheets. Advanced Materials, 2020, 32, e1808319.	21.0	56
4	Room temperature near unity spin polarization in 2D Van der Waals heterostructures. Nature Communications, 2020, 11, 4442.	12.8	44
5	Revealing Excitonic and Electron-Hole Plasma States in Stimulated Emission of Single CsPbBr ₃ Nanowires at Room Temperature. Physical Review Applied, 2020, 13, .	3.8	19
6	Solution-Processed CsPbBr ₃ Quantum Dots/Organic Semiconductor Planar Heterojunctions for High-Performance Photodetectors. Advanced Science, 2022, 9, e2105856.	11.2	15
7	Doping of Sn-based two-dimensional perovskite semiconductor for high-performance field-effect transistors and thermoelectric devices. IScience, 2022, 25, 104109.	4.1	15
8	Triphenylamine-Polystyrene Blends for Perovskite Solar Cells with Simultaneous Energy Loss Suppression and Stability Improvement. Solar Rrl, 2020, 4, 2000490.	5.8	6
9	Room Temperature Fluorescence Blinking in MoS ₂ Atomic Layers by Single Photon Energy Transfer. Laser and Photonics Reviews, 2022, 16, .	8.7	5
10	Photoluminescence Enhancement in Thin Two-Dimensional Ruddlesden-Popper Perovskites by Spiro-OMeTAD. Journal of Physical Chemistry C, 0, , .	3.1	1