

Cheng-Chieh Lin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

327
citations

1307366

7
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmented Highly Reversible Thermochromic Layered Perovskite $[(\text{CH}_2)_2(\text{NH}_3)_2]\text{CuCl}_4$ Crystal Coupled with an Inverse Magnetocaloric Effect. <i>ACS Applied Electronic Materials</i> , 2022, 4, 521-530.	2.0	11
2	Direct investigation of the reorientational dynamics of A-site cations in 2D organic-inorganic hybrid perovskite by solid-state NMR. <i>Nature Communications</i> , 2022, 13, 1513.	5.8	6
3	Stabilized High-Membered and Phase-Pure 2D All Inorganic Ruddlesden-Popper Halide Perovskites Nanocrystals as Photocatalysts for the CO_2 Reduction Reaction. <i>Small</i> , 2022, 18, e2107881.	5.2	7
4	Internal Built-In Electric Fields at Organic-Inorganic Interfaces of Two-Dimensional Ruddlesden-Popper Perovskite Single Crystals. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19818-19825.	4.0	3
5	Integration of on-chip perovskite nanocrystal laser and long-range surface plasmon polariton waveguide with etching-free process. <i>Nanoscale</i> , 2022, 14, 10075-10081.	2.8	9
6	Strong Excitonic Magneto-Optic Effects in Two-Dimensional Organic-Inorganic Hybrid Perovskites. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 10279-10286.	4.0	11
7	Atomic-Layer Controlled Interfacial Band Engineering at Two-Dimensional Layered PtSe_2/Si Heterojunctions for Efficient Photoelectrochemical Hydrogen Production. <i>ACS Nano</i> , 2021, 15, 4627-4635.	7.3	27
8	Metallic Nanowire Coupled CsPbBr_3 Quantum Dots Plasmonic Nanolaser. <i>Advanced Functional Materials</i> , 2021, 31, 2102375.	7.8	23
9	Self-Patterned CsPbBr_3 Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths. <i>Advanced Optical Materials</i> , 2021, 9, 2101474.	3.6	5
10	Atomically Resolved Quantum-Confined Electronic Structures at Organic-Inorganic Interfaces of Two-Dimensional Ruddlesden-Popper Halide Perovskites. <i>Nano Letters</i> , 2021, 21, 8066-8072.	4.5	8
11	Lithographic in-mold patterning for CsPbBr_3 nanocrystals distributed Bragg reflector single-mode laser. <i>Nanoscale</i> , 2021, 13, 15830-15836.	2.8	6
12	Clean water generation through a multifunctional activated carbon- TiO_2 interfacial solar distillation system. <i>RSC Advances</i> , 2021, 11, 23036-23044.	1.7	10
13	Self-Patterned CsPbBr_3 Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths (<i>Advanced Optical Materials</i> 24/2021). <i>Advanced Optical Materials</i> , 2021, 9, .	3.6	1
14	Exploring the Origin of Phase-Transformation Kinetics of CsPbI_3 Perovskite Nanocrystals Based on Activation Energy Measurements. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3287-3293.	2.1	23
15	Low-Threshold Lasing from 2D Homologous Organic-Inorganic Hybrid Ruddlesden-Popper Perovskite Single Crystals. <i>Nano Letters</i> , 2018, 18, 3221-3228.	4.5	177