

# 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	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
2	Atomic-Layer Controlled Interfacial Band Engineering at Two-Dimensional Layered PtSe <sub>2</sub> /Si Heterojunctions for Efficient Photoelectrochemical Hydrogen Production. <i>ACS Nano</i> , 2021, 15, 4627-4635.	7.3	27
3	Exploring the Origin of Phase-Transformation Kinetics of CsPbI <sub>3</sub> Perovskite Nanocrystals Based on Activation Energy Measurements. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3287-3293.	2.1	23
4	Metallic Nanowire Coupled CsPbBr <sub>3</sub> Quantum Dots Plasmonic Nanolaser. <i>Advanced Functional Materials</i> , 2021, 31, 2102375.	7.8	23
5	Strong Excitonic Magneto-Optic Effects in Two-Dimensional Organic-Inorganic Hybrid Perovskites. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 10279-10286.	4.0	11
6	Segmented Highly Reversible Thermochromic Layered Perovskite [(CH <sub>2</sub> ) <sub>2</sub> (NH <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> CuCl <sub>4</sub> Crystal Coupled with an Inverse Magnetocaloric Effect. <i>ACS Applied Electronic Materials</i> , 2022, 4, 521-530.	2.0	11
7	Clean water generation through a multifunctional activated carbon-TiO <sub>2</sub> interfacial solar distillation system. <i>RSC Advances</i> , 2021, 11, 23036-23044.	1.7	10
8	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
9	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
10	Stabilized High-Membered and Phase-Pure 2D All Inorganic Ruddlesden-Popper Halide Perovskites Nanocrystals as Photocatalysts for the CO <sub>2</sub> Reduction Reaction. <i>Small</i> , 2022, 18, e2107881.	5.2	7
11	Lithographic in-mold patterning for CsPbBr <sub>3</sub> nanocrystals distributed Bragg reflector single-mode laser. <i>Nanoscale</i> , 2021, 13, 15830-15836.	2.8	6
12	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
13	Self-Patterned CsPbBr <sub>3</sub> Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths. <i>Advanced Optical Materials</i> , 2021, 9, 2101474.	3.6	5
14	Internal Built-In Electric Fields at Organic-Inorganic Interfaces of Two-Dimensional Ruddlesden-Popper Perovskite Single Crystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 19818-19825.	4.0	3
15	Self-Patterned CsPbBr <sub>3</sub> 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