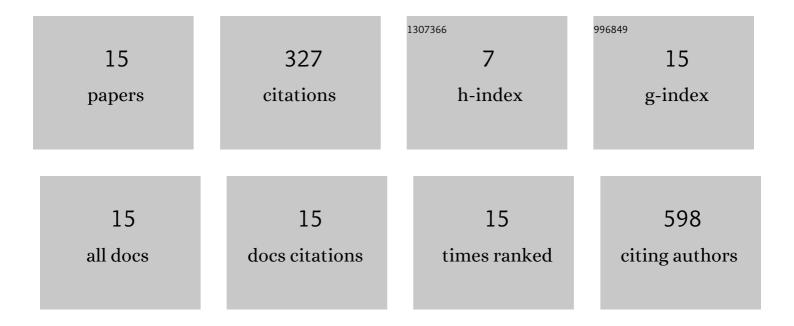
Cheng-Chieh Lin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Segmented Highly Reversible Thermochromic Layered Perovskite [(CH ₂) ₂ (NH ₃) ₂]CuCl ₄ Crystal Coupled with an Inverse Magnetocaloric Effect. ACS Applied Electronic Materials, 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. Nature Communications, 2022, 13, 1513.	5.8	6
3	Stabilized Highâ€Membered and Phaseâ€Pure 2D All Inorganic Ruddlesden–Popper Halide Perovskites Nanocrystals as Photocatalysts for the CO ₂ Reduction Reaction. Small, 2022, 18, e2107881.	5.2	7
4	Internal Built-In Electric Fields at Organic–Inorganic Interfaces of Two-Dimensional Ruddlesden–Popper Perovskite Single Crystals. ACS Applied Materials & Interfaces, 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. Nanoscale, 2022, 14, 10075-10081.	2.8	9
6	Strong Excitonic Magneto-Optic Effects in Two-Dimensional Organic–Inorganic Hybrid Perovskites. ACS Applied Materials & Interfaces, 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. ACS Nano, 2021, 15, 4627-4635.	7.3	27
8	Metallic Nanowire Coupled CsPbBr ₃ Quantum Dots Plasmonic Nanolaser. Advanced Functional Materials, 2021, 31, 2102375.	7.8	23
9	Selfâ€Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hotâ€Carrier Photodetector at Telecommunications Wavelengths. Advanced Optical Materials, 2021, 9, 2101474.	3.6	5
10	Atomically Resolved Quantum-Confined Electronic Structures at Organic–Inorganic Interfaces of Two-Dimensional Ruddlesden–Popper Halide Perovskites. Nano Letters, 2021, 21, 8066-8072.	4.5	8
11	Lithographic in-mold patterning for CsPbBr ₃ nanocrystals distributed Bragg reflector single-mode laser. Nanoscale, 2021, 13, 15830-15836.	2.8	6
12	Clean water generation through a multifunctional activated carbon-TiO ₂ interfacial solar distillation system. RSC Advances, 2021, 11, 23036-23044.	1.7	10
13	Selfâ€Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hot arrier Photodetector at Telecommunications Wavelengths (Advanced Optical Materials 24/2021). Advanced Optical Materials, 2021, 9, .	3.6	1
14	Exploring the Origin of Phase-Transformation Kinetics of CsPbl ₃ Perovskite Nanocrystals Based on Activation Energy Measurements. Journal of Physical Chemistry Letters, 2020, 11, 3287-3293.	2.1	23
15	Low-Threshold Lasing from 2D Homologous Organic–Inorganic Hybrid Ruddlesden–Popper Perovskite Single Crystals. Nano Letters, 2018, 18, 3221-3228.	4.5	177