

Cheng-Chieh Lin

List of Publications by Year in descending order

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15
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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Low-Threshold Lasing from 2D Homologous Organicâ€“Inorganic Hybrid Ruddlesdenâ€“Popper Perovskite Single Crystals. Nano Letters, 2018, 18, 3221-3228. | 9.1 | 177 |
| 2 | 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. | 14.6 | 27 |
| 3 | Exploring the Origin of Phase-Transformation Kinetics of CsPbI ₃ Perovskite Nanocrystals Based on Activation Energy Measurements. Journal of Physical Chemistry Letters, 2020, 11, 3287-3293. | 4.6 | 23 |
| 4 | Metallic Nanowire Coupled CsPbBr ₃ Quantum Dots Plasmonic Nanolaser. Advanced Functional Materials, 2021, 31, 2102375. | 14.9 | 23 |
| 5 | Strong Excitonic Magneto-Optic Effects in Two-Dimensional Organicâ€“Inorganic Hybrid Perovskites. ACS Applied Materials & Interfaces, 2021, 13, 10279-10286. | 8.0 | 11 |
| 6 | Segmented Highly Reversible Thermochromic Layered Perovskite [(CH ₂) ₂ (NH ₃) ₂] ₂ CuCl ₄ Crystal Coupled with an Inverse Magnetocaloric Effect. ACS Applied Electronic Materials, 2022, 4, 521-530. | 4.3 | 11 |
| 7 | Clean water generation through a multifunctional activated carbon-TiO ₂ interfacial solar distillation system. RSC Advances, 2021, 11, 23036-23044. | 3.6 | 10 |
| 8 | Integration of on-chip perovskite nanocrystal laser and long-range surface plasmon polariton waveguide with etching-free process. Nanoscale, 2022, 14, 10075-10081. | 5.6 | 9 |
| 9 | Atomically Resolved Quantum-Confined Electronic Structures at Organicâ€“Inorganic Interfaces of Two-Dimensional Ruddlesdenâ€“Popper Halide Perovskites. Nano Letters, 2021, 21, 8066-8072. | 9.1 | 8 |
| 10 | Stabilized High-Membered and Phase-Pure 2D All Inorganic Ruddlesdenâ€“Popper Halide Perovskites Nanocrystals as Photocatalysts for the CO ₂ Reduction Reaction. Small, 2022, 18, e2107881. | 10.0 | 7 |
| 11 | Lithographic in-mold patterning for CsPbBr ₃ nanocrystals distributed Bragg reflector single-mode laser. Nanoscale, 2021, 13, 15830-15836. | 5.6 | 6 |
| 12 | 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. | 12.8 | 6 |
| 13 | Self-Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths. Advanced Optical Materials, 2021, 9, 2101474. | 7.3 | 5 |
| 14 | Internal Built-In Electric Fields at Organicâ€“Inorganic Interfaces of Two-Dimensional Ruddlesdenâ€“Popper Perovskite Single Crystals. ACS Applied Materials & Interfaces, 2022, 14, 19818-19825. | 8.0 | 3 |
| 15 | Self-Patterned CsPbBr ₃ Nanocrystal Based Plasmonic Hot-Carrier Photodetector at Telecommunications Wavelengths (Advanced Optical Materials 24/2021). Advanced Optical Materials, 2021, 9, . | 7.3 | 1 |