

Chun

List of Publications by Year in descending order

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17
papers

2,336
citations

516215

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887659

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all docs

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docs citations

17
times ranked

5110
citing authors

#	ARTICLE	IF	CITATIONS
1	Printed Memtransistor Utilizing a Hybrid Perovskite/Organic Heterojunction Channel. ACS Applied Materials & Interfaces, 2021, 13, 51592-51601.	4.0	9
2	Self-Assembled Monolayer Enables Hole Transport Layer-Free Organic Solar Cells with 18% Efficiency and Improved Operational Stability. ACS Energy Letters, 2020, 5, 2935-2944.	8.8	425
3	Low-Voltage Heterojunction Metal Oxide Transistors via Rapid Photonic Processing. Advanced Electronic Materials, 2020, 6, 2000028.	2.6	25
4	Solution-Processed Mixed-Dimensional Hybrid Perovskite/Carbon Nanotube Electronics. ACS Nano, 2020, 14, 3969-3979.	7.3	30
5	Growth of 2H stacked WSe ₂ bilayers on sapphire. Nanoscale Horizons, 2019, 4, 1434-1442.	4.1	20
6	The Effect of Ring Expansion in Thienobenzo[<i>b</i>]indacenodithiophene Polymers for Organic Field-Effect Transistors. Journal of the American Chemical Society, 2019, 141, 18806-18813.	6.6	45
7	Self-Powered Perovskite/CdS Heterostructure Photodetectors. ACS Applied Materials & Interfaces, 2019, 11, 40204-40213.	4.0	65
8	Plasmonic-Enhanced Light Harvesting and Perovskite Solar Cell Performance Using Au Biometric Dimers with Broadband Structural Darkness. Solar Rrl, 2019, 3, 1900138.	3.1	34
9	One-Step Vapor-Phase Synthesis and Quantum-Confined Exciton in Single-Crystal Platelets of Hybrid Halide Perovskites. Journal of Physical Chemistry Letters, 2019, 10, 2363-2371.	2.1	25
10	Ultrahigh Carrier Mobility Achieved in Photoresponsive Hybrid Perovskite Films via Coupling with Single-Walled Carbon Nanotubes. Advanced Materials, 2017, 29, 1602432.	11.1	106
11	Nitrogen-Doped Nanoporous Carbon Membranes with Co/CoP Janus-Type Nanocrystals as Hydrogen Evolution Electrode in Both Acidic and Alkaline Environments. ACS Nano, 2017, 11, 4358-4364.	7.3	199
12	High-Performance Near-Infrared Phototransistor Based on n-Type Small-Molecular Organic Semiconductor. Advanced Electronic Materials, 2017, 3, 1600430.	2.6	60
13	Ferroelectric BiFeO ₃ as an Oxide Dye in Highly Tunable Mesoporous All-Oxide Photovoltaic Heterojunctions. Small, 2017, 13, 1602355.	5.2	53
14	Solution-Grown Monocrystalline Hybrid Perovskite Films for Hole-Transporter-Free Solar Cells. Advanced Materials, 2016, 28, 3383-3390.	11.1	298
15	Heterostructured WS ₂ /CH ₃ NH ₃ PbI ₃ Photoconductors with Suppressed Dark Current and Enhanced Photodetectivity. Advanced Materials, 2016, 28, 3683-3689.	11.1	396
16	Facile Synthesis and High Performance of a New Carbazole-Based Hole-Transporting Material for Hybrid Perovskite Solar Cells. ACS Photonics, 2015, 2, 849-855.	3.2	99
17	Temperature-dependent excitonic photoluminescence of hybrid organometal halide perovskite films. Physical Chemistry Chemical Physics, 2014, 16, 22476-22481.	1.3	447