

# Chun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3649159/publications.pdf>

Version: 2024-02-01

17  
papers

2,336  
citations

516215

16  
h-index

887659

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

5110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-dependent excitonic photoluminescence of hybrid organometal halide perovskite films. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22476-22481.	1.3	447
2	Self-Assembled Monolayer Enables Hole Transport Layer-Free Organic Solar Cells with 18% Efficiency and Improved Operational Stability. <i>ACS Energy Letters</i> , 2020, 5, 2935-2944.	8.8	425
3	Heterostructured $WS_2/CH_3NH_3PbI_3$ Photoconductors with Suppressed Dark Current and Enhanced Photodetectivity. <i>Advanced Materials</i> , 2016, 28, 3683-3689.	11.1	396
4	Solution-Grown Monocrystalline Hybrid Perovskite Films for Hole-Transporter-Free Solar Cells. <i>Advanced Materials</i> , 2016, 28, 3383-3390.	11.1	298
5	Nitrogen-Doped Nanoporous Carbon Membranes with Co/CoP Janus-Type Nanocrystals as Hydrogen Evolution Electrode in Both Acidic and Alkaline Environments. <i>ACS Nano</i> , 2017, 11, 4358-4364.	7.3	199
6	Ultrahigh Carrier Mobility Achieved in Photoresponsive Hybrid Perovskite Films via Coupling with Single-Walled Carbon Nanotubes. <i>Advanced Materials</i> , 2017, 29, 1602432.	11.1	106
7	Facile Synthesis and High Performance of a New Carbazole-Based Hole-Transporting Material for Hybrid Perovskite Solar Cells. <i>ACS Photonics</i> , 2015, 2, 849-855.	3.2	99
8	Self-Powered Perovskite/CdS Heterostructure Photodetectors. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 40204-40213.	4.0	65
9	High-Performance Near-Infrared Phototransistor Based on n-Type Small-Molecular Organic Semiconductor. <i>Advanced Electronic Materials</i> , 2017, 3, 1600430.	2.6	60
10	Ferroelectric $BiFeO_3$ as an Oxide Dye in Highly Tunable Mesoporous All-Oxide Photovoltaic Heterojunctions. <i>Small</i> , 2017, 13, 1602355.	5.2	53
11	The Effect of Ring Expansion in Thienobenzo[ <i>b</i> ]indacenodithiophene Polymers for Organic Field-Effect Transistors. <i>Journal of the American Chemical Society</i> , 2019, 141, 18806-18813.	6.6	45
12	Plasmonic-Enhanced Light Harvesting and Perovskite Solar Cell Performance Using Au Biometric Dimers with Broadband Structural Darkness. <i>Solar Rrl</i> , 2019, 3, 1900138.	3.1	34
13	Solution-Processed Mixed-Dimensional Hybrid Perovskite/Carbon Nanotube Electronics. <i>ACS Nano</i> , 2020, 14, 3969-3979.	7.3	30
14	One-Step Vapor-Phase Synthesis and Quantum-Confined Exciton in Single-Crystal Platelets of Hybrid Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2363-2371.	2.1	25
15	Low-Voltage Heterojunction Metal Oxide Transistors via Rapid Photonic Processing. <i>Advanced Electronic Materials</i> , 2020, 6, 2000028.	2.6	25
16	Growth of 2H stacked $WSe_2$ bilayers on sapphire. <i>Nanoscale Horizons</i> , 2019, 4, 1434-1442.	4.1	20
17	Printed Memtransistor Utilizing a Hybrid Perovskite/Organic Heterojunction Channel. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 51592-51601.	4.0	9