

Chen Yang

List of Publications by Year in descending order

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15
papers

2,617
citations

686830

13
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

4654
citing authors

#	ARTICLE	IF	CITATIONS
1	Managing grains and interfaces via ligand anchoring enables 22.3%-efficiency inverted perovskite solar cells. <i>Nature Energy</i> , 2020, 5, 131-140.	19.8	894
2	Single-Crystal MAPbI ₃ Perovskite Solar Cells Exceeding 21% Power Conversion Efficiency. <i>ACS Energy Letters</i> , 2019, 4, 1258-1259.	8.8	424
3	Expression Profile of MicroRNAs in Serum: A Fingerprint for Esophageal Squamous Cell Carcinoma. <i>Clinical Chemistry</i> , 2010, 56, 1871-1879.	1.5	294
4	Quantum Dots Supply Bulk- and Surface-Passivation Agents for Efficient and Stable Perovskite Solar Cells. <i>Joule</i> , 2019, 3, 1963-1976.	11.7	222
5	Altered Profile of Seminal Plasma MicroRNAs in the Molecular Diagnosis of Male Infertility. <i>Clinical Chemistry</i> , 2011, 57, 1722-1731.	1.5	217
6	Light-Induced Self-Assembly of Cubic CsPbBr ₃ Perovskite Nanocrystals into Nanowires. <i>Chemistry of Materials</i> , 2019, 31, 6642-6649.	3.2	119
7	The Surface of Hybrid Perovskite Crystals: A Boon or Bane. <i>ACS Energy Letters</i> , 2017, 2, 846-856.	8.8	91
8	Ultralong Radiative States in Hybrid Perovskite Crystals: Compositions for Submillimeter Diffusion Lengths. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4386-4390.	2.1	83
9	Actinomycetes from Red Sea Sponges: Sources for Chemical and Phylogenetic Diversity. <i>Marine Drugs</i> , 2014, 12, 2771-2789.	2.2	72
10	Double Charged Surface Layers in Lead Halide Perovskite Crystals. <i>Nano Letters</i> , 2017, 17, 2021-2027.	4.5	60
11	Solution-Processed Visible-Blind Ultraviolet Photodetectors with Nanosecond Response Time and High Detectivity. <i>Advanced Optical Materials</i> , 2019, 7, 1900506.	3.6	60
12	MAPbI ₃ Single Crystals Free from Hole-Trapping Centers for Enhanced Photodetectivity. <i>ACS Energy Letters</i> , 2019, 4, 2579-2584.	8.8	40
13	Engineering Surface Orientations for Efficient and Stable Hybrid Perovskite Single-Crystal Solar Cells. <i>ACS Energy Letters</i> , 2022, 7, 1544-1552.	8.8	24
14	Facile and noninvasive passivation, doping and chemical tuning of macroscopic hybrid perovskite crystals. <i>PLoS ONE</i> , 2020, 15, e0230540.	1.1	9
15	Gentle Materials Need Gentle Fabrication: Encapsulation of Perovskites by Gas-Phase Alumina Deposition. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2348-2357.	2.1	8