

Jun Liu

List of Publications by Year in descending order

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9
papers

1,533
citations

1163117
8
h-index

1588992
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all docs

9
docs citations

9
times ranked

2897
citing authors

#	ARTICLE	IF	CITATIONS
1	Carrier lifetimes of $>1 \mu\text{s}$ in Sn-Pb perovskites enable efficient all-perovskite tandem solar cells. <i>Science</i> , 2019, 364, 475-479.	12.6	781
2	High efficiency perovskite quantum dot solar cells with charge separating heterostructure. <i>Nature Communications</i> , 2019, 10, 2842.	12.8	308
3	Size-Dependent Lattice Structure and Confinement Properties in CsPbI ₃ Perovskite Nanocrystals: Negative Surface Energy for Stabilization. <i>ACS Energy Letters</i> , 2020, 5, 238-247.	17.4	201
4	Pseudocapacitive Storage in Nanolayered Ti ₂ NT _x MXene Using Mg-Ion Electrolyte. <i>ACS Applied Nano Materials</i> , 2019, 2, 2785-2795.	5.0	92
5	Electrocatalytic and Optoelectronic Characteristics of the Two-Dimensional Titanium Nitride Ti ₄ N ₃ T _x MXene. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11812-11823.	8.0	87
6	Dynamics of Photocatalytic Hydrogen Production in Aqueous Dispersions of Monolayer-Rich Tungsten Disulfide. <i>ACS Energy Letters</i> , 2018, 3, 2223-2229.	17.4	26
7	Spatial Molecular Layer Deposition of Ultrathin Polyamide To Stabilize Silicon Anodes in Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2019, 2, 4135-4143.	5.1	20
8	Protection of GaInP ₂ Photocathodes by Direct Photoelectrodeposition of MoS _x Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25115-25122.	8.0	18
9	Transmission Electron Microscopy Study on Microstructure of Degraded CdTe Mini-Modules. <i>IEEE Journal of Photovoltaics</i> , 2019, 9, 893-897.	2.5	0