

Huandong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

230
citations

1478505

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1474206

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9
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Printed assemblies of GaAs photoelectrodes with decoupled optical and reactive interfaces for unassisted solar water splitting. <i>Nature Energy</i> , 2017, 2, .	39.5	115
2	Multilayer-Grown Ultrathin Nanostructured GaAs Solar Cells as a Cost-Competitive Materials Platform for III-V Photovoltaics. <i>ACS Nano</i> , 2017, 11, 992-999.	14.6	27
3	Epitaxial Thin Films of a Chalcogenide Perovskite. <i>Chemistry of Materials</i> , 2021, 33, 7457-7464.	6.7	26
4	Synergistically Enhanced Performance of Ultrathin Nanostructured Silicon Solar Cells Embedded in Plasmonically Assisted, Multispectral Luminescent Waveguides. <i>ACS Nano</i> , 2017, 11, 4077-4085.	14.6	19
5	Plasmonically Enhanced Spectral Upconversion for Improved Performance of GaAs Solar Cells under Nonconcentrated Solar Illumination. <i>ACS Photonics</i> , 2018, 5, 4289-4295.	6.6	16
6	Printed assemblies of microscale triple-junction inverted metamorphic GaInP/GaAs/InGaAs solar cells. <i>Progress in Photovoltaics: Research and Applications</i> , 2019, 27, 520-527.	8.1	8
7	10-Fold-Stack Multilayer-Grown Nanomembrane GaAs Solar Cells. <i>ACS Photonics</i> , 2018, 5, 2786-2790.	6.6	7
8	Stretchable, skin-conformal microscale surface-emitting lasers with dynamically tunable spectral and directional selectivity. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	6
9	Orientation-Controlled Anisotropy in Single Crystals of Quasi-1D BaTiS ₃ . <i>Chemistry of Materials</i> , 2022, 34, 5680-5689.	6.7	6