

Le Bai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10220480/publications.pdf>

Version: 2024-02-01

8
papers

645
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Passivating buried interface via self-assembled novel sulfonium salt toward stable and efficient perovskite solar cells. <i>Chemical Engineering Journal</i> , 2022, 431, 133209.	12.7	74
2	Self-Formed Multifunctional Grain Boundary Passivation Layer Achieving 22.4% Efficient and Stable Perovskite Solar Cells. <i>Solar Rrl</i> , 2022, 6, .	5.8	13
3	Interfacial defect passivation by novel phosphonium salts yields 22% efficiency perovskite solar cells: Experimental and theoretical evidence. <i>EcoMat</i> , 2022, 4, .	11.9	35
4	Simultaneous Passivation of Bulk and Interface Defects with Gradient 2D/3D Heterojunction Engineering for Efficient and Stable Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 21079-21088.	8.0	26
5	Crystal Orientation Modulation and Defect Passivation for Efficient and Stable Methylammonium-Free Dion-Jacobson Quasi-2D Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29567-29575.	8.0	24
6	Interfacial Defect Passivation and Stress Release via Multi-Active-Site Ligand Anchoring Enables Efficient and Stable Methylammonium-Free Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2021, 6, 2526-2538.	17.4	170
7	Interfacial defect passivation and stress release by multifunctional KPF6 modification for planar perovskite solar cells with enhanced efficiency and stability. <i>Chemical Engineering Journal</i> , 2021, 418, 129375.	12.7	157
8	Multifunctional organic ammonium salt-modified SnO ₂ nanoparticles toward efficient and stable planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3940-3951.	10.3	146