

Shingis Zhumagali

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,105
citations

1040056

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1125743

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g-index

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13
docs citations

13
times ranked

1482
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaling-up perovskite solar cells on hydrophobic surfaces. <i>Nano Energy</i> , 2021, 81, 105633.	16.0	46
2	Concurrent cationic and anionic perovskite defect passivation enables 27.4% perovskite/silicon tandems with suppression of halide segregation. <i>Joule</i> , 2021, 5, 1566-1586.	24.0	119
3	Toward Stable Monolithic Perovskite/Silicon Tandem Photovoltaics: A Six-Month Outdoor Performance Study in a Hot and Humid Climate. <i>ACS Energy Letters</i> , 2021, 6, 2944-2951.	17.4	42
4	Linked Nickel Oxide/Perovskite Interface Passivation for High-Performance Textured Monolithic Tandem Solar Cells. <i>Advanced Energy Materials</i> , 2021, 11, 2101662.	19.5	77
5	Ligand-bridged charge extraction and enhanced quantum efficiency enable efficient n-i-p perovskite/silicon tandem solar cells. <i>Energy and Environmental Science</i> , 2021, 14, 4377-4390.	30.8	79
6	Linked Nickel Oxide/Perovskite Interface Passivation for High-Performance Textured Monolithic Tandem Solar Cells (Adv. Energy Mater. 40/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170160.	19.5	2
7	High-Performance Perovskite Single-Junction and Textured Perovskite/Silicon Tandem Solar Cells via Slot-Die-Coating. <i>ACS Energy Letters</i> , 2020, 5, 3034-3040.	17.4	134
8	Single Atoms and Clusters Based Nanomaterials for Hydrogen Evolution, Oxygen Evolution Reactions, and Full Water Splitting. <i>Advanced Energy Materials</i> , 2019, 9, 1900624.	19.5	538
9	Direct emission from quartet excited states triggered by upconversion phenomena in solid-phase synthesized fluorescent lead-free organic-inorganic hybrid compounds. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26504-26512.	10.3	35
10	A new step in the development of Zn/LiFePO ₄ aqueous battery. <i>Materials Today: Proceedings</i> , 2017, 4, 4452-4457.	1.8	2
11	MoS ₂ nanopowder as anode material for lithium-ion batteries produced by self-propagating high-temperature synthesis. <i>Materials Today: Proceedings</i> , 2017, 4, 4567-4571.	1.8	16
12	Stability of the chlorinated derivatives of the DNA/RNA nucleobases, purine and pyrimidine toward radical formation via homolytic C-Cl bond dissociation. <i>International Journal of Quantum Chemistry</i> , 2017, 117, e25319.	2.0	8
13	Homolytic C-Br bond dissociation energies obtained by means of the G4 thermochemical protocol. <i>Chemical Data Collections</i> , 2016, 2, 43-48.	2.3	7