

# Shingis Zhumagali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5605508/publications.pdf>

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13  
papers

1,105  
citations

1040056

9  
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1125743

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13  
docs citations

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times ranked

1482  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Scaling-up perovskite solar cells on hydrophobic surfaces. <i>Nano Energy</i> , 2021, 81, 105633.	16.0	46
7	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
8	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
9	MoS <sub>2</sub> 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
10	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
11	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
12	A new step in the development of Zn/LiFePO <sub>4</sub> aqueous battery. <i>Materials Today: Proceedings</i> , 2017, 4, 4452-4457.	1.8	2
13	Linked Nickel Oxide/Perovskite Interface Passivation for High-Performance Textured Monolithic Tandem Solar Cells ( <i>Adv. Energy Mater.</i> 40/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170160.	19.5	2