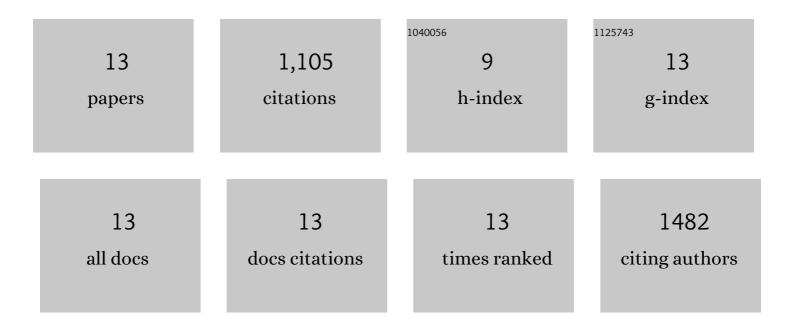
## Shingis Zhumagali

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5605508/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Scaling-up perovskite solar cells on hydrophobic surfaces. Nano Energy, 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. Joule, 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. ACS Energy Letters, 2021, 6, 2944-2951.	17.4	42
4	Linked Nickel Oxide/Perovskite Interface Passivation for Highâ€Performance Textured Monolithic Tandem Solar Cells. Advanced Energy Materials, 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. Energy and Environmental Science, 2021, 14, 4377-4390.	30.8	79
6	Linked Nickel Oxide/Perovskite Interface Passivation for Highâ€Performance Textured Monolithic Tandem Solar Cells (Adv. Energy Mater. 40/2021). Advanced Energy Materials, 2021, 11, 2170160.	19.5	2
7	High-Performance Perovskite Single-Junction and Textured Perovskite/Silicon Tandem Solar Cells via Slot-Die-Coating. ACS Energy Letters, 2020, 5, 3034-3040.	17.4	134
8	Single Atoms and Clusters Based Nanomaterials for Hydrogen Evolution, Oxygen Evolution Reactions, and Full Water Splitting. Advanced Energy Materials, 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. Journal of Materials Chemistry A, 2019, 7, 26504-26512.	10.3	35
10	A new step in the development of Zn/LiFePO 4 aqueous battery. Materials Today: Proceedings, 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. Materials Today: Proceedings, 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. International Journal of Quantum Chemistry, 2017, 117, e25319.	2.0	8
13	Homolytic C–Br bond dissociation energies obtained by means of the G4 thermochemical protocol. Chemical Data Collections, 2016, 2, 43-48.	2.3	7