

# Derese G Desta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/710825/publications.pdf>

Version: 2024-02-01

9  
papers

129  
citations

1478505

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h-index

1474206

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9  
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docs citations

9  
times ranked

175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-contact pH-selective electrode using multi-walled carbon nanotubes. Analytical and Bioanalytical Chemistry, 2009, 395, 2371-2376.	3.7	58
2	The Role of SnF <sub>2</sub> Additive on Interface Formation in All Lead-Free FASn <sub>3</sub> Perovskite Solar Cells. Advanced Functional Materials, 2022, 32, .	14.9	22
3	Efficient light-trapping with quasi-periodic uniaxial nanowrinkles for thin-film silicon solar cells. Nano Energy, 2017, 35, 341-349.	16.0	16
4	Novel back-reflector architecture with nanoparticle based buried light-scattering microstructures for improved solar cell performance. Nanoscale, 2016, 8, 12035-12046.	5.6	10
5	Directly patterned TiO <sub>2</sub> nanostructures for efficient light harvesting in thin film solar cells. Journal Physics D: Applied Physics, 2015, 48, 365101.	2.8	9
6	Optoelectronic properties and depth profile of charge transport in nanocrystal films. Physical Review B, 2017, 96, .	3.2	6
7	PEGylating poly(p-phenylene vinylene)-based bioimaging nanoprobcs. Journal of Colloid and Interface Science, 2021, 581, 566-575.	9.4	4
8	Combining light-harvesting with detachability in high-efficiency thin-film silicon solar cells. Nanoscale, 2017, 9, 7169-7178.	5.6	2
9	Nanomolded buried light-scattering (BLIS) back-reflectors using dielectric nanoparticles for light harvesting in thin-film silicon solar cells. EPJ Photovoltaics, 2020, 11, 2.	1.6	2