

Nizami Vagidov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1796246/publications.pdf>

Version: 2024-02-01

7
papers

321
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Enhancement of Solar Cell Efficiency Due to Quantum Dots with Built-In Charge. Nano Letters, 2011, 11, 2311-2317.	9.1	230
2	Conversion of above- and below-bandgap photons via InAs quantum dot media embedded into GaAs solar cell. Applied Physics Letters, 2014, 104, .	3.3	23
3	Effective harvesting, detection, and conversion of IR radiation due to quantum dots with built-in charge. Nanoscale Research Letters, 2011, 6, 584.	5.7	22
4	Effects of quantum dot charging on photoelectron processes and solar cell characteristics. Solar Energy Materials and Solar Cells, 2013, 117, 638-644.	6.2	22
5	Light trapping structures for radiation hardness enhancement of space solar cells. Solar Energy Materials and Solar Cells, 2018, 182, 136-141.	6.2	15
6	GaAs quantum dot solar cell under concentrated radiation. Applied Physics Letters, 2015, 107, .	3.3	8
7	Simulation of Light Trapping Structures for Enhancing Radiation Hardness in Space Solar Cells. , 2017, , .		1