

Ebuka S Arinze

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

319
citations

1307594

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h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmonic Nanoparticle Enhancement of Solution-Processed Solar Cells: Practical Limits and Opportunities. ACS Photonics, 2016, 3, 158-173.	6.6	103
2	Impact of Yeast Pigmentation on Heat Capture and Latitudinal Distribution. Current Biology, 2018, 28, 2657-2664.e3.	3.9	63
3	High-performing visible-blind photodetectors based on SnO ₂ /CuO nanoheterojunctions. Applied Physics Letters, 2015, 107, .	3.3	38
4	An Antimony Selenide Molecular Ink for Flexible Broadband Photodetectors. Advanced Electronic Materials, 2016, 2, 1600182.	5.1	31
5	Color-tuned and transparent colloidal quantum dot solar cells via optimized multilayer interference. Optics Express, 2017, 25, A101.	3.4	30
6	Dynamics of Energy Transfer in Large Plasmonic Aluminum Nanoparticles. ACS Photonics, 2018, 5, 805-813.	6.6	20
7	Advancing colloidal quantum dot photovoltaic technology. Nanophotonics, 2016, 5, 31-54.	6.0	19
8	Size- and Surface-Dependent Photoresponses of Solution-Processed Aluminum Nanoparticles. ACS Photonics, 2020, 7, 637-645.	6.6	7
9	Photonic band engineering in absorbing media for spectrally selective optoelectronic films. Optics Express, 2018, 26, 26933.	3.4	5
10	Colloidal quantum dot materials for infrared optoelectronics. Proceedings of SPIE, 2015, , .	0.8	3
11	Multi-Objective Optimization for Color-Tunability and Transparency in Colloidal Quantum Dot Solar Cells. , 2017, , .		0
12	Spectrally-selective Photovoltaics via Photonic Band Engineering in Absorbing Media. , 2019, , .		0
13	Optimized Multilayer Interference for Color-tuning in Colloidal Quantum Dot Solar Cells. , 2017, , .		0