

Avi Braun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10955060/publications.pdf>

Version: 2024-02-01

16
papers

573
citations

759233

12
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

898
citing authors

#	ARTICLE	IF	CITATIONS
1	Hollow Core Light Cage: Trapping Light Behind Bars. ACS Photonics, 2019, 6, 649-658.	6.6	31
2	Surface Energy-Controlled SERS Substrates for Molecular Concentration at Plasmonic Nanogaps. Advanced Functional Materials, 2017, 27, 1703376.	14.9	84
3	Bianisotropy and Magnetism in Plasmonic Gratings. ACS Photonics, 2016, 3, 764-769.	6.6	14
4	Versatile Direct Laser Writing Lithography Technique for Surface Enhanced Infrared Spectroscopy Sensors. ACS Sensors, 2016, 1, 1155-1162.	7.8	45
5	Nanoparticle Scattering for Multijunction Solar Cells: The Tradeoff Between Absorption Enhancement and Transmission Loss. IEEE Journal of Photovoltaics, 2016, 6, 1678-1687.	2.5	12
6	Hybrid photovoltaic-thermoelectric system for concentrated solar energy conversion: Experimental realization and modeling. Journal of Applied Physics, 2015, 118, .	2.5	121
7	Ventilation of multi-entranced rodent burrows by boundary layer eddies. Journal of Experimental Biology, 2014, 217, 4141-4148.	1.7	16
8	Temperature dynamics of multijunction concentrator solar cells up to ultra-high irradiance. Progress in Photovoltaics: Research and Applications, 2013, 21, 202-208.	8.1	57
9	Basic aspects of the temperature coefficients of concentrator solar cell performance parameters. Progress in Photovoltaics: Research and Applications, 2013, 21, 1087-1094.	8.1	40
10	Photovoltaic performance enhancement by external recycling of photon emission. Energy and Environmental Science, 2013, 6, 1499.	30.8	53
11	Temperature coefficients of concentrator solar cells up to ultra-high irradiance. , 2012, , .		2
12	Irradiance-dependent current-limiting behavior of multijunction solar cells. , 2012, , .		0
13	Multiple-bandgap vertical-junction architectures for ultra-efficient concentrator solar cells. Energy and Environmental Science, 2012, 5, 8523.	30.8	24
14	Current-limiting behavior in multijunction solar cells. Applied Physics Letters, 2011, 98, .	3.3	27
15	Analytic solution for quasi-Lambertian radiation transfer. Applied Optics, 2010, 49, 817.	2.1	5
16	Localized irradiation effects on tunnel diode transitions in multi-junction concentrator solar cells. Solar Energy Materials and Solar Cells, 2009, 93, 1692-1695.	6.2	42