

Aditya Kulkarni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2111123/publications.pdf>

Version: 2024-02-01

10
papers

651
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1714
citing authors

#	ARTICLE	IF	CITATIONS
1	All-printed thin-film transistors from networks of liquid-exfoliated nanosheets. <i>Science</i> , 2017, 356, 69-73.	12.6	391
2	High charge mobility in two-dimensional percolative networks of PbSe quantum dots connected by atomic bonds. <i>Nature Communications</i> , 2015, 6, 8195.	12.8	125
3	Charge Carrier Cooling Bottleneck Opens Up Nonexcitonic Gain Mechanisms in Colloidal CdSe Quantum Wells. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9640-9650.	3.1	39
4	Photogeneration and Mobility of Charge Carriers in Atomically Thin Colloidal InSe Nanosheets Probed by Ultrafast Terahertz Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4191-4196.	4.6	33
5	Efficient Steplike Carrier Multiplication in Percolative Networks of Epitaxially Connected PbSe Nanocrystals. <i>ACS Nano</i> , 2018, 12, 378-384.	14.6	19
6	Explaining observed stability of excitons in highly excited CdSe nanoplatelets. <i>Physical Review B</i> , 2019, 100, .	3.2	14
7	A Force Field for Poly(oxymethylene) Dimethyl Ethers (OME <i>n</i>). <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 2517-2528.	5.3	12
8	Multi-criteria optimization for parametrizing excess Gibbs energy models. <i>Fluid Phase Equilibria</i> , 2020, 522, 112676.	2.5	9
9	Room-Temperature Electron Transport in Self-Assembled Sheets of PbSe Nanocrystals with a Honeycomb Nanogeometry. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14058-14066.	3.1	4
10	Multicriteria Optimization of Molecular Models of Water Using a Reduced Units Approach. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 5127-5138.	5.3	4