

Raphael David Levine

List of Publications by Citations

Source: <https://exaly.com/author-pdf/606159/raphael-david-levine-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

767
citations

6
h-index

13
g-index

13
ext. papers

839
ext. citations

9.3
avg, IF

3.37
L-index

#	Paper	IF	Citations
12	DNA computing circuits using libraries of DNAzyme subunits. <i>Nature Nanotechnology</i> , 2010 , 5, 417-22	28.7	369
11	Architectonic Quantum Dot Solids. <i>Accounts of Chemical Research</i> , 1999 , 32, 415-423	24.3	324
10	Fast Energy Transfer in CdSe Quantum Dot Layered Structures: Controlling Coupling with Covalent-Bond Organic Linkers. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 5753-5758	3.8	18
9	Critical Points in Tumorigenesis: A Carcinogen-Initiated Phase Transition Analyzed via Single-Cell Proteomics. <i>Small</i> , 2016 , 12, 1425-31	11	16
8	Room-Temperature Inter-Dot Coherent Dynamics in Multilayer Quantum Dot Materials. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 16222-16231	3.8	13
7	Nuclear Motion Driven Ultrafast Photodissociative Charge Transfer of the PENNA Cation: An Experimental and Computational Study. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 1442-1447	2.8	10
6	Addressing the Challenge of Molecular Change: An Interim Report. <i>Annual Review of Physical Chemistry</i> , 2018 , 69, 1-21	15.7	5
5	Maximal Entropy Approach for Quantum State Tomography. <i>PRX Quantum</i> , 2021 , 2,	6.1	5
4	Implementation of Multivariable Logic Functions in Parallel by Electrically Addressing a Molecule of Three Dopants in Silicon. <i>ChemPhysChem</i> , 2017 , 18, 1790-1797	3.2	3
3	Implementation of Probabilistic Algorithms by Multi-chromophoric Molecular Networks with Application to Multiple Travelling Pathways. <i>ChemPhysChem</i> , 2017 , 18, 1782-1789	3.2	2
2	Convergence of a Reconstructed Density Matrix to a Pure State Using the Maximal Entropy Approach. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 7588-7595	2.8	2
1	Intermolecular- and Intramolecular-Level Logic Devices		213