Raphael David Levine

List of Publications by Year in Descending Order

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