

Elizabeth M Y Lee

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

738
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1496
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular engineered conjugated polymer with high thermal conductivity. <i>Science Advances</i> , 2018, 4, eaar3031.	10.3	165
2	Subdiffusive Exciton Transport in Quantum Dot Solids. <i>Nano Letters</i> , 2014, 14, 3556-3562.	9.1	152
3	Determination of Exciton Diffusion Length by Transient Photoluminescence Quenching and Its Application to Quantum Dot Films. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9005-9015.	3.1	84
4	Charge Carrier Hopping Dynamics in Homogeneously Broadened PbS Quantum Dot Solids. <i>Nano Letters</i> , 2017, 17, 893-901.	9.1	84
5	Inverse Temperature Dependence of Charge Carrier Hopping in Quantum Dot Solids. <i>ACS Nano</i> , 2018, 12, 7741-7749.	14.6	33
6	Atomic-scale characterization of mature HIV-1 capsid stabilization by inositol hexakisphosphate (IP ₆). <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1078-1081.	10.3	30
7	Modulation of Low-Frequency Acoustic Vibrations in Semiconductor Nanocrystals through Choice of Surface Ligand. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4213-4216.	4.6	24
8	Can Disorder Enhance Incoherent Exciton Diffusion?. <i>Journal of Physical Chemistry B</i> , 2015, 119, 9501-9509.	2.6	22
9	Including surface ligand effects in continuum elastic models of nanocrystal vibrations. <i>Journal of Chemical Physics</i> , 2017, 147, 044711.	3.0	22
10	Interfacial Mineralâ€‘Peptide Properties of a Mineral Binding Peptide from Osteonectin and Bone-like Apatite. <i>Chemistry of Materials</i> , 2015, 27, 5562-5569.	6.7	21
11	Strain and rupture of HIV-1 capsids during uncoating. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2117781119.	7.1	21
12	Temperature dependence of acoustic vibrations of CdSe and CdSeâ€‘CdS coreâ€‘shell nanocrystals measured by low-frequency Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 28797-28801.	2.8	17
13	Neural Network Sampling of the Free Energy Landscape for Nitrogen Dissociation on Ruthenium. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2954-2962.	4.6	16
14	Perspective: Nonequilibrium dynamics of localized and delocalized excitons in colloidal quantum dot solids. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2018, 36, .	2.1	15
15	Electronic structure calculations in arbitrary electrostatic environments. <i>Journal of Chemical Physics</i> , 2012, 136, 024101.	3.0	13
16	Solving the Trivial Crossing Problem While Preserving the Nodal Symmetry of the Wave Function. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 4332-4343.	5.3	10
17	Stability and molecular pathways to the formation of spin defects in silicon carbide. <i>Nature Communications</i> , 2021, 12, 6325.	12.8	9