

Calen J Leverant

List of Publications by Year in descending order

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9
papers

151
citations

1163117
8
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing glycation-mediated changes in human cortical bone with Raman spectroscopy. <i>Journal of Biophotonics</i> , 2018, 11, e201700352.	2.3	41
2	Manipulating the Amount and Structure of the Organic Matrix Affects the Water Compartments of Human Cortical Bone. <i>JBMR Plus</i> , 2019, 3, e10135.	2.7	21
3	Reconfigurable Anticounterfeiting Coatings Enabled by Macroporous Shape Memory Polymers. <i>ACS Applied Polymer Materials</i> , 2019, 1, 36-46.	4.4	20
4	Self-assembled nanoparticle antireflection coatings on geometrically complex optical surfaces. <i>Optics Letters</i> , 2018, 43, 5238.	3.3	17
5	Machine Learning-Based Upscaling of Finite-Size Molecular Dynamics Diffusion Simulations for Binary Fluids. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10375-10381.	4.6	15
6	Symbolic regression development of empirical equations for diffusion in Lennard-Jones fluids. <i>Journal of Chemical Physics</i> , 2022, 157, .	3.0	14
7	Macroporous Superhydrophobic Coatings with Switchable Wettability Enabled by Smart Shape Memory Polymers. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002111.	3.7	12
8	Machine Learning Self-Diffusion Prediction for Lennard-Jones Fluids in Pores. <i>Journal of Physical Chemistry C</i> , 2021, 125, 25898-25906.	3.1	11
9	Quantum Calculations of VX Ammonolysis and Hydrolysis Pathways via Hydrated Lithium Nitride. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8653.	4.1	0