

Vance W Jaeger

List of Publications by Year in descending order

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13
papers

671
citations

1051969

10
h-index

1255698

13
g-index

13
all docs

13
docs citations

13
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Insights into Self-Assembled Aerosol-OT Aggregates in Aqueous Media Using Atomistic Molecular Dynamics. <i>Journal of Physical Chemistry B</i> , 2021, 125, 13789-13803.	1.2	1
2	Interpretation of Interfacial Protein Spectra with Enhanced Molecular Simulation Ensembles. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 698-707.	2.3	4
3	Acetylation dictates the morphology of nanophase biosilica precipitated by a 14-amino acid leucine-lysine peptide. <i>Journal of Peptide Science</i> , 2017, 23, 141-147.	0.8	11
4	The Structure of the Diatom Silaffin Peptide R5 within Freestanding Two-Dimensional Biosilica Sheets. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8277-8280.	7.2	34
5	Die Struktur des Silaffin-Peptids R5 aus Diatomeen in freistehenden zweidimensionalen Biosilikatwänden. <i>Angewandte Chemie</i> , 2017, 129, 8390-8394.	1.6	2
6	Destabilization of Human Serum Albumin by Ionic Liquids Studied Using Enhanced Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12079-12087.	1.2	26
7	Biomimetic Growth of Ultrathin Silica Sheets Using Artificial Amphiphilic Peptides. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500282.	1.9	33
8	Comparison of Three Ionic Liquid-Tolerant Cellulases by Molecular Dynamics. <i>Biophysical Journal</i> , 2015, 108, 880-892.	0.2	62
9	The General AMBER Force Field (GAFF) Can Accurately Predict Thermodynamic and Transport Properties of Many Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2015, 119, 5882-5895.	1.2	319
10	Structure Characterization and Properties of Metal-Surfactant Complexes Dispersed in Organic Solvents. <i>Langmuir</i> , 2015, 31, 9006-9016.	1.6	10
11	Diatom Mimics: Directing the Formation of Biosilica Nanoparticles by Controlled Folding of Lysine-Leucine Peptides. <i>Journal of the American Chemical Society</i> , 2014, 136, 15134-15137.	6.6	54
12	Structure, Dynamics, and Activity of Xylanase Solvated in Binary Mixtures of Ionic Liquid and Water. <i>ACS Chemical Biology</i> , 2013, 8, 1179-1186.	1.6	84
13	Photodegradation of methyl orange and 2,3-butanedione on titanium-dioxide nanotube arrays efficiently synthesized on titanium coils. <i>Applied Catalysis B: Environmental</i> , 2011, 110, 6-13.	10.8	31