# Vance W Jaeger

List of Publications by Year
in descending order



| 13 | 671 | 933447 10 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 13 | 13 | 13 | 890 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The General AMBER Force Field (GAFF) Can Accurately Predict Thermodynamic and Transport Properties of Many Ionic Liquids. Journal of Physical Chemistry B, 2015, 119, 5882-5895. | 2.6 | 319 |
| 2 | Structure, Dynamics, and Activity of Xylanase Solvated in Binary Mixtures of Ionic Liquid and Water. ACS Chemical Biology, 2013, 8, 1179-1186. | 3.4 | 84 |
| 3 | Comparison of Three Ionic Liquid-Tolerant Cellulases by Molecular Dynamics. Biophysical Journal, 2015, 108, 880-892. | 0.5 | 62 |
| 4 | Diatom Mimics: Directing the Formation of Biosilica Nanoparticles by Controlled Folding of Lysine-Leucine Peptides. Journal of the American Chemical Society, 2014, 136, 15134-15137. | 13.7 | 54 |
| 5 | The Structure of the Diatom Silaffin Peptide R5 within Freestanding Twoâ€Dimensional Biosilica Sheets. Angewandte Chemie - International Edition, 2017, 56, 8277-8280. | 13.8 | 34 |
| 6 | Biomimetic Growth of Ultrathin Silica Sheets Using Artificial Amphiphilic Peptides. Advanced Materials Interfaces, 2015, 2, 1500282. | 3.7 | 33 |
| 7 | Photodegradation of methyl orange and 2,3-butanedione on titanium-dioxide nanotube arrays efficiently synthesized on titanium coils. Applied Catalysis B: Environmental, 2011, 110, 6-13. | 20.2 | 31 |
| 8 | Destabilization of Human Serum Albumin by Ionic Liquids Studied Using Enhanced Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2016, 120, 12079-12087. | 2.6 | 26 |
| 9 | Acetylation dictates the morphology of nanophase biosilica precipitated by a 14â€amino acid leucineâ€“lysine peptide. Journal of Peptide Science, 2017, 23, 141-147. | 1.4 | 11 |
| 10 | Structure Characterization and Properties of Metalâ€“Surfactant Complexes Dispersed in Organic Solvents. Langmuir, 2015, 31, 9006-9016. | 3.5 | 10 |
| 11 | Interpretation of Interfacial Protein Spectra with Enhanced Molecular Simulation Ensembles. Journal of Chemical Theory and Computation, 2019, 15, 698-707. | 5.3 | 4 |
| 12 | Die Struktur des Silaffinâ€Peptids R5 aus Diatomeen in freistehenden zweidimensionalen BiosilikatwÃnden. Angewandte Chemie, 2017, 129, 8390-8394. | 2.0 | 2 |
| 13 | Structural Insights into Self-Assembled Aerosol-OT Aggregates in Aqueous Media Using Atomistic Molecular Dynamics. Journal of Physical Chemistry B, 2021, 125, 13789-13803. | 2.6 | 1 |