

James M Stevenson

List of Publications by Year in descending order

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8
papers

919
citations

1307594

7
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1588992

8
g-index

11
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11
docs citations

11
times ranked

1862
citing authors

#	ARTICLE	IF	CITATIONS
1	OPLS3e: Extending Force Field Coverage for Drug-Like Small Molecules. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 1863-1874.	5.3	698
2	Mayer Bond Order as a Metric of Complexation Effectiveness in Lead Halide Perovskite Solutions. <i>Chemistry of Materials</i> , 2017, 29, 2435-2444.	6.7	82
3	Membrane alternatives in worlds without oxygen: Creation of an azotosome. <i>Science Advances</i> , 2015, 1, e1400067.	10.3	61
4	Computational Implementation of Nudged Elastic Band, Rigid Rotation, and Corresponding Force Optimization. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 3250-3259.	5.3	29
5	Transferable Neural Network Potential Energy Surfaces for Closed-Shell Organic Molecules: Extension to Ions. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 2354-2366.	5.3	16
6	Pentacene-based nanorods on Au(111) single crystals: Charge transfer, diffusion, and step-edge barriers. <i>Nano Research</i> , 2013, 6, 449-459.	10.4	14
7	Uncovering the reaction mechanism initiating the nucleation of lead sulfide quantum dots in a hines synthesis. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9402-9410.	10.3	9
8	Simple Molecular Reactive Force Field for Metal-Organic Synthesis. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 825-838.	5.3	2