

Ryosuke Ishizuka

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

192
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Consistent Determination of Atomic Charges of Ionic Liquid through a Combination of Molecular Dynamics Simulation and Density Functional Theory. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 804-811.	5.3	44
2	Interaction-component analysis of the hydration and urea effects on cytochrome <i>c</i> . <i>Journal of Chemical Physics</i> , 2016, 144, 085102.	3.0	27
3	Effective charges of ionic liquid determined self-consistently through combination of molecular dynamics simulation and density functional theory. <i>Journal of Computational Chemistry</i> , 2017, 38, 2559-2569.	3.3	20
4	Spatial-decomposition analysis of electrical conductivity in concentrated electrolyte solution. <i>Journal of Chemical Physics</i> , 2014, 141, 044126.	3.0	19
5	Correlation analysis for heat denaturation of Trp cage miniprotein with explicit solvent. <i>Protein Science</i> , 2016, 25, 56-66.	7.6	19
6	Drastic Compensation of Electronic and Solvation Effects on ATP Hydrolysis Revealed through Large-Scale QM/MM Simulations Combined with a Theory of Solutions. <i>Journal of Physical Chemistry B</i> , 2017, 121, 2279-2287.	2.6	16
7	Computing conformational free energy differences in explicit solvent: An efficient thermodynamic cycle using an auxiliary potential and a free energy functional constructed from the end points. <i>Journal of Computational Chemistry</i> , 2017, 38, 1198-1208.	3.3	15
8	Spatial-decomposition analysis of electrical conductivity in ionic liquid. <i>Journal of Chemical Physics</i> , 2014, 141, 244507.	3.0	14
9	Energetic Contributions from the Cation and Anion to the Stability of Carbon Dioxide Dissolved in Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2015, 119, 1579-1587.	2.6	12
10	Energetic Analysis of Adsorption and Absorption of Small Molecule to Nanodroplet of Water. <i>Journal of Physical Chemistry B</i> , 2017, 121, 5995-6001.	2.6	6