Ryosuke Ishizuka

List of Publications by Year
in descending order

10	192	1040056 9	1372567 10
papers	citations	h-index	g-index

10	10	10	255
all docs	docs citations	times ranked	citing authors

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