

Katsufumi Tomobe

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

89
citations

1684188
5
h-index

1720034
7
g-index

10
all docs

10
docs citations

10
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Water Confined in the Local Field of Ions. ChemPhysChem, 2014, 15, 4077-4086.	2.1	40
2	Origin of the blueshift of water molecules at interfaces of hydrophilic cyclic compounds. Science Advances, 2017, 3, e1701400.	10.3	22
3	Water permeation through the internal water pathway in activated GPCR rhodopsin. PLoS ONE, 2017, 12, e0176876.	2.5	14
4	Effects of temperature, concentration, and isomer on the hydration structure in monosaccharide solutions. Physical Chemistry Chemical Physics, 2017, 19, 15239-15246.	2.8	5
5	Detection of molecular behavior that characterizes systems using a deep learning approach. Nanoscale, 2019, 11, 10064-10071.	5.6	5
6	Instability of buried hydration sites increases protein subdomains fluctuations in the human prion protein by the pathogenic mutation T188R. AIP Advances, 2016, 6, .	1.3	2
7	Velocity auto-correlation function of ions and water molecules in different concentrations, anions and ion clusters. Molecular Simulation, 2015, 41, 840-844.	2.0	1
8	Detection of Anomalous Dynamics for a Single Water Molecule. Journal of Chemical Theory and Computation, 2018, 14, 1177-1185.	5.3	0
9	Molecular Dynamic Simulations to Probe Water Permeation Pathways of GPCRs. Methods in Molecular Biology, 2019, 1947, 21-30.	0.9	0
10	Molecular dynamics study on the dynamics of water molecules in hydration shell of monosaccharides. The Proceedings of the Thermal Engineering Conference, 2016, 2016, G221.	0.0	0