

Tae Hoon Choi

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

104
citations

1684188
5
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular-level origin of the carboxylate head group response to divalent metal ion complexation at the air-water interface. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14874-14880.	7.1	37
2	Application of the SCC-DFTB Method to $\text{H}^+(\text{H}_2\text{O})_6$, $\text{H}^+(\text{H}_2\text{O})_{21}$, and $\text{H}^+(\text{H}_2\text{O})_{22}$. Journal of Physical Chemistry B, 2010, 114, 6932-6936.	2.6	30
3	Mapping the temperature-dependent and network site-specific onset of spectral diffusion at the surface of a water cluster cage. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26047-26052.	7.1	15
4	Model potential study of non-valence correlation-bound anions of $(\text{C}_{60})_n$ clusters: the role of electric field-induced charge transfer. Faraday Discussions, 2019, 217, 547-560.	3.2	8
5	Discrete Variable Representation Implementation of the One-Electron Polarization Model. Journal of Chemical Theory and Computation, 2010, 6, 2388-2394.	5.3	5
6	Vibrational Signatures of HNO_3 Acidity When Complexed with Microhydrated Alkali Metal Ions, $\text{M}^+(\text{HNO}_3)(\text{H}_2\text{O})_n$ ($n=5$) ($M = \text{Li, K, Na, Rb, Cs}$), at 20 K. Journal of Physical Chemistry A, 2022, 126, 1640-1647.	2.5	4
7	Implementation of analytical gradients and of a mixed real and momentum space DVR method for excess electron systems described by a self-consistent polarization model. Journal of Chemical Physics, 2017, 147, 161717.	3.0	2
8	Water Network Shape-Dependence of Local Interactions with the Microhydrated NO_2^+ and CO_2^+ Anionic Head Groups by Cold Ion Vibrational Spectroscopy. Journal of Physical Chemistry A, 2022, 126, 2471-2479.	2.5	2
9	Conformers of Zwitterionic Glycine in Aqueous Phase. Bulletin of the Korean Chemical Society, 2018, 39, 227-230.	1.9	1