Tae Hoon Choi

List of Publications by Year
in descending order

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	Vibrational Signatures of HNO₃ Acidity When Complexed with Microhydrated Alkali Metal Ions, M⁺Â·(HNO₃)(H₂O)_{n=5} (M = Li, K, Na, Rb, Cs), at 20 K. Journal of Physical Chemistry A, 2022, 126, 1640-1647.	2.5	4
2	Water Network Shape-Dependence of Local Interactions with the Microhydrated â^'NO₂^{â€“} and â^'CO₂^{â€“} Anionic Head Groups by Cold Ion Vibrational Spectroscopy. Journal of Physical Chemistry A, 2022, 126, 2471-2479.	2.5	2
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	Molecular-level origin of the carboxylate head group response to divalent metal ion complexation at the airâ€“water interface. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14874-14880.	7.1	37
5	Model potential study of non-valence correlation-bound anions of (C₆₀)_n clusters: the role of electric field-induced charge transfer. Faraday Discussions, 2019, 217, 547-560.	3.2	8
6	Conformers of Zwitterionic Glycine in Aqueous Phase. Bulletin of the Korean Chemical Society, 2018, 39, 227-230.	1.9	1
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	Discrete Variable Representation Implementation of the One-Electron Polarization Model. Journal of Chemical Theory and Computation, 2010, 6, 2388-2394.	5.3	5
9	Application of the SCC-DFTB Method to H⁺(H₂O)₆, H⁺(H₂O)₂₁, and H⁺(H₂O)₂₂. Journal of Physical Chemistry B, 2010, 114, 6932-6936.	2.6	30