Kono H Lemke

List of Publications by Year
in descending order

14	500	1040056 9	1058476 14
papers	citations	h-index	g-index

14	14	14	668
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure and solvation dynamics of the hydroxide ion in ice-like water clusters: a CCSD(T) and carâ€“parrinello molecular dynamics study. Physical Chemistry Chemical Physics, 2021, 23, 18990-18998.	2.8	1
2	The ozoneâ€“water complex: CCSD(T)/CBS structures and anharmonic vibrational spectroscopy of O3(H2O)n, (n = 1 â^’ 2). Journal of Chemical Physics, 2020, 153, 084302.	3.0	2
3	Molecular Clusters and Solvation in Volcanic and Hydrothermal Vapors. Reviews in Mineralogy and Geochemistry, 2018, 84, 57-83.	4.8	5
4	Structure and binding energy of the H2S dimer at the CCSD(T) complete basis set limit. Journal of Chemical Physics, 2017, 146, 234301.	3.0	23
5	ESI FT-MS and DFT studies of aqueous Au(I) complexes with cysteine and its disulfide form cystine. International Journal of Mass Spectrometry, 2016, 406, 12-19.	1.5	4
6	Calculations of the water-dimer encapsulations into C84. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 1-7.	2.1	15
7	Systematic testing of Gaussian and complete basis set methods with dispersion corrections for environmentally relevant clusters. Chemical Physics Letters, 2014, 615, 50-55.	2.6	1
8	Gold chloride clusters with Au(iii) and Au(i) probed by FT-ICR mass spectrometry and MP2 theory. Physical Chemistry Chemical Physics, 2014, 16, 7813.	2.8	10
9	Thermodynamic properties of carbon dioxide clusters by M06-2X and dispersion-corrected B2PLYP-D theory. Chemical Physics Letters, 2013, 573, 19-23.	2.6	30
10	Peptide Synthesis in Early Earth Hydrothermal Systems. Astrobiology, 2009, 9, 141-146.	3.0	50
11	Ab initio investigation of the structure, stability, and atmospheric distribution of molecular clusters containing H₂O, CO₂, and N₂O. Journal of Geophysical Research, 2008, 113, .	3.3	15
12	Solvation processes in steam: Ab initio calculations of ionâ€“solvent structures and clustering equilibria. Geochimica Et Cosmochimica Acta, 2008, 72, 3293-3310.	3.9	16
13	Mass spectrometric and quantum chemical determination of proton water clustering equilibria. Geochimica Et Cosmochimica Acta, 2007, 71, 2436-2447.	3.9	21
14	Extreme accumulation of nucleotides in simulated hydrothermal pore systems. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9346-9351.	7.1	307