

Kono H Lemke

List of Publications by Year in descending order

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14
papers

500
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

668
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Peptide Synthesis in Early Earth Hydrothermal Systems. Astrobiology, 2009, 9, 141-146.	3.0	50
3	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
4	Structure and binding energy of the H ₂ S dimer at the CCSD(T) complete basis set limit. Journal of Chemical Physics, 2017, 146, 234301.	3.0	23
5	Mass spectrometric and quantum chemical determination of proton water clustering equilibria. Geochimica Et Cosmochimica Acta, 2007, 71, 2436-2447.	3.9	21
6	Solvation processes in steam: Ab initio calculations of ion-solvent structures and clustering equilibria. Geochimica Et Cosmochimica Acta, 2008, 72, 3293-3310.	3.9	16
7	Ab initio investigation of the structure, stability, and atmospheric distribution of molecular clusters containing H ₂ O, CO ₂ , and N ₂ O. Journal of Geophysical Research, 2008, 113, .	3.3	15
8	Calculations of the water-dimer encapsulations into C84. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 1-7.	2.1	15
9	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
10	Molecular Clusters and Solvation in Volcanic and Hydrothermal Vapors. Reviews in Mineralogy and Geochemistry, 2018, 84, 57-83.	4.8	5
11	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
12	The ozone-water complex: CCSD(T)/CBS structures and anharmonic vibrational spectroscopy of O ₃ (H ₂ O) _n , (_n = 1 ~ 2). Journal of Chemical Physics, 2020, 153, 084302.	3.0	2
13	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
14	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