

Ahreum Ahn

List of Publications by Year in descending order

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15
papers

168
citations

1163117

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1125743

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docs citations

15
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of copper nanoparticles exhibiting various morphologies via pulsed laser ablation in different solvents and their catalytic activity for reduction of toxic nitroaromatic compounds. Journal of Hazardous Materials, 2021, 409, 124412.	12.4	50
2	Determining Chiral Configuration of Diamines via Contact Angle Measurements on Enantioselective Alanine-Appended Benzene-Tricarboxamide Gelators. ACS Applied Materials & Interfaces, 2016, 8, 14102-14108.	8.0	18
3	Fluorescence imaging for Fe ³⁺ in Arabidopsis by using simple naphthalene-based ligands. RSC Advances, 2016, 6, 53912-53918.	3.6	15
4	Facile one-pot synthesis of CuCN by pulsed laser ablation in nitrile solvents and mechanistic studies using quantum chemical calculations. Scientific Reports, 2021, 11, 14389.	3.3	14
5	Conformationally resolved structures of jet-cooled acetaminophen by UV hole-burning spectroscopy. Physical Chemistry Chemical Physics, 2011, 13, 16537.	2.8	12
6	Conformational structures of 3-cyanoindole-(H ₂ O) (n = 0-2): Franck-Condon simulations. Chemical Physics Letters, 2014, 616-617, 55-60.	2.6	11
7	Conformational structures of 3-cyanoindole-(H ₂ O) _n (n = 0-2) by UV hole-burning and IR-dip spectroscopy. Chemical Physics Letters, 2014, 614, 263-268.	2.6	11
8	Conformational structures of jet-cooled acetaminophen-water clusters: a gas phase spectroscopic and computational study. Physical Chemistry Chemical Physics, 2017, 19, 4840-4848.	2.8	11
9	NMR detection of chirality and enantiopurity of amines by using benzene tricarboxamide-based hydrogelators as chiral solvating agents. New Journal of Chemistry, 2016, 40, 7917-7922.	2.8	10
10	Enzyme-Inspired Formulation of the Electrolyte for Stable and Efficient Vanadium Redox Flow Batteries at High Temperatures. ACS Applied Materials & Interfaces, 2019, 11, 26842-26853.	8.0	7
11	Electronic and vibrational spectroscopic studies of jet-cooled 5-cyanoindole and its water clusters, 5CI-(H ₂ O) _n (n = 0-2). Chemical Physics Letters, 2016, 658, 63-70.	2.6	6
12	Spectroscopic study of jet-cooled indole-3-carbinol by laser desorption technique: Franck-Condon simulations and anharmonic calculations. Chemical Physics Letters, 2015, 638, 237-243.	2.6	2
13	Conformationally resolved spectroscopy of jet-cooled methacetin. Chemical Physics Letters, 2017, 688, 26-32.	2.6	1
14	Spectroscopic Study of Jet-cooled Indole-3-carbinol by Thermal Evaporation. Bulletin of the Korean Chemical Society, 2016, 37, 1552-1553.	1.9	0
15	Spectroscopic and theoretical studies of jet-cooled 3-cyanoindole ammonia clusters in the gas phase. Bulletin of the Korean Chemical Society, 0, , .	1.9	0