

Doo-Sik Ahn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1990211/publications.pdf>

Version: 2024-02-01

15
papers

248
citations

1040056

9
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the emergence of molecular vibrations mediating bond formation. <i>Nature</i> , 2020, 582, 520-524.	27.8	55
2	State-selective predissociation dynamics of methylamines: The vibronic and Hâ•D effects on the conical intersection dynamics. <i>Journal of Chemical Physics</i> , 2008, 128, 224305.	3.0	43
3	Structure and dynamic role of conical intersections in the ĩ€lf*-mediated photodissociation reactions. <i>International Reviews in Physical Chemistry</i> , 2015, 34, 429-459.	2.3	28
4	Nanocage-Confined Synthesis of Fluorescent Polycyclic Aromatic Hydrocarbons in Zeolite. <i>Journal of the American Chemical Society</i> , 2018, 140, 7101-7107.	13.7	24
5	Nuclear motion captured by the slow electron velocity imaging technique in the tunnelling predissociation of the S1 methylamine. <i>Journal of Chemical Physics</i> , 2012, 136, 024306.	3.0	19
6	Modeâ€Dependent Fano Resonances Observed in the Predissociation of Diazirine in the S₁â€State. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1244-1247.	13.8	12
7	Structural Dynamics of Bismuth Triiodide in Solution Triggered by Photoinduced Ligand-to-Metal Charge Transfer. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1279-1285.	4.6	12
8	Optical Kerr Effect of Liquid Acetonitrile Probed by Femtosecond Time-Resolved X-ray Liquidography. <i>Journal of the American Chemical Society</i> , 2021, 143, 14261-14273.	13.7	11
9	Spatial Isolation of Conformational Isomers of Hydroquinone and Its Water Cluster Using the Stark Deflector. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1194-1199.	2.5	9
10	Determining the charge distribution and the direction of bond cleavage with femtosecond anisotropic x-ray liquidography. <i>Nature Communications</i> , 2022, 13, 522.	12.8	9
11	Proton Transfer Accompanied by the Oxidation of Adenosine. <i>Chemistry - A European Journal</i> , 2019, 25, 7711-7718.	3.3	6
12	Structure of Pyridazine in the S₁ State: Experiment and Theory. <i>ChemPhysChem</i> , 2008, 9, 1610-1616.	2.1	5
13	Sterically Controlled Excited-State Intramolecular Proton Transfer Dynamics in Solution. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29116-29125.	3.1	5
14	Gold Nanoparticle Formation via X-ray Radiolysis Investigated with Time-Resolved X-ray Liquidography. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7125.	4.1	3
15	Formation of the Chargeâ€Localized Dimer Radical Cation of 2â€Ethylâ€9,10â€dimethoxyanthracene in Solution Phase. <i>Chemistry - A European Journal</i> , 2019, 25, 5586-5594.	3.3	2