

# Doo-Sik Ahn

## List of Publications by Year in descending order

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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	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
2	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
3	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
4	Mapping the emergence of molecular vibrations mediating bond formation. <i>Nature</i> , 2020, 582, 520-524.	27.8	55
5	Sterically Controlled Excited-State Intramolecular Proton Transfer Dynamics in Solution. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29116-29125.	3.1	5
6	Formation of the Charge-Localized Dimer Radical Cation of 2-ethyl-9,10-dimethoxyanthracene in Solution Phase. <i>Chemistry - A European Journal</i> , 2019, 25, 5586-5594.	3.3	2
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	Proton Transfer Accompanied by the Oxidation of Adenosine. <i>Chemistry - A European Journal</i> , 2019, 25, 7711-7718.	3.3	6
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	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
11	Structure and dynamic role of conical intersections in the $\tilde{\text{E}}_f^*$ -mediated photodissociation reactions. <i>International Reviews in Physical Chemistry</i> , 2015, 34, 429-459.	2.3	28
12	Nuclear motion captured by the slow electron velocity imaging technique in the tunnelling predissociation of the S <sub>1</sub> methylamine. <i>Journal of Chemical Physics</i> , 2012, 136, 024306.	3.0	19
13	Mode-Dependent Fano Resonances Observed in the Predissociation of Diazirine in the S <sub>1</sub> State. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1244-1247.	13.8	12
14	Structure of Pyridazine in the S <sub>1</sub> State: Experiment and Theory. <i>ChemPhysChem</i> , 2008, 9, 1610-1616.	2.1	5
15	State-selective predissociation dynamics of methylamines: The vibronic and H <sup>+</sup> D effects on the conical intersection dynamics. <i>Journal of Chemical Physics</i> , 2008, 128, 224305.	3.0	43