

Jungmin Kim

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

113
citations

1684188

5
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

171
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	Filming ultrafast roaming-mediated isomerization of bismuth triiodide in solution. <i>Nature Communications</i> , 2021, 12, 4732.	12.8	14
3	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
4	Solvent-modulated proton-coupled electron transfer in an iridium complex with an ESIPT ligand. <i>Chemical Science</i> , 2022, 13, 3809-3818.	7.4	10
5	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
6	Ultrafast excited state relaxation dynamics in a heteroleptic Ir(ppy) ₂ (ppz) complex, revealed by femtosecond X-ray transient absorption spectroscopy. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2987-2998.	6.0	5
7	Sensitivity of time-resolved diffraction data to changes in internuclear distances and atomic positions. <i>Bulletin of the Korean Chemical Society</i> , 2022, 43, 376-390.	1.9	4
8	Estimating signal and noise of time-resolved X-ray solution scattering data at synchrotrons and XFELs. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 633-645.	2.4	3
9	Photoactivation of trisium dodecacarbonyl at 400 nm probed with time-resolved X-ray liquidography. <i>Chemical Communications</i> , 2022, 58, 7380-7383.	4.1	2