

Eun Hyuk Choi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

136
citations

1478505

6
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

221
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	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
4	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
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	SVD-aided non-orthogonal decomposition (SANOD) method to exploit prior knowledge of spectral components in the analysis of time-resolved data. <i>Structural Dynamics</i> , 2019, 6, 024303.	2.3	7
7	Reaction dynamics studied via femtosecond X-ray liquidography at X-ray free-electron lasers. <i>Chemical Science</i> , 2022, 13, 8457-8490.	7.4	7
8	Enhancement of Energy Transfer Efficiency with Structural Control of Multichromophore Light-Harvesting Assembly. <i>Advanced Science</i> , 2020, 7, 2001623.	11.2	6
9	Femtosecond X-ray Liquidography Visualizes Wavepacket Trajectories in Multidimensional Nuclear Coordinates for a Bimolecular Reaction. <i>Accounts of Chemical Research</i> , 2021, 54, 1685-1698.	15.6	6
10	Ultrafast excited state relaxation dynamics in a heteroleptic Ir(III) complex, Ir(ppy) ₂ (ppz), revealed by femtosecond X-ray transient absorption spectroscopy. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2987-2998.	6.0	5
11	Structural Dynamics of C ₂ F ₄ I ₂ in Cyclohexane Studied via Time-Resolved X-ray Liquidography. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9793.	4.1	4