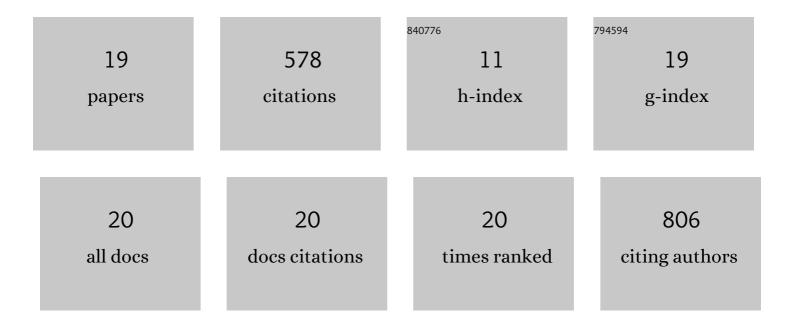
Jong Goo Kim

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Direct observation of bond formation in solution with femtosecond X-ray scattering. Nature, 2015, 518, 385-389.	27.8	207
2	Atomistic characterization of the active-site solvation dynamics of a model photocatalyst. Nature Communications, 2016, 7, 13678.	12.8	74
3	Mapping the emergence of molecular vibrations mediating bond formation. Nature, 2020, 582, 520-524.	27.8	55
4	Protein Structural Dynamics Revealed by Time-Resolved X-ray Solution Scattering. Accounts of Chemical Research, 2015, 48, 2200-2208.	15.6	41
5	Protein folding from heterogeneous unfolded state revealed by time-resolved X-ray solution scattering. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14996-15005.	7.1	33
6	Ultrafast coherent motion and helix rearrangement of homodimeric hemoglobin visualized with femtosecond X-ray solution scattering. Nature Communications, 2021, 12, 3677.	12.8	25
7	Conformational Substates of Myoglobin Intermediate Resolved by Picosecond X-ray Solution Scattering. Journal of Physical Chemistry Letters, 2014, 5, 804-808.	4.6	23
8	Combined probes of X-ray scattering and optical spectroscopy reveal how global conformational change is temporally and spatially linked to local structural perturbation in photoactive yellow protein. Physical Chemistry Chemical Physics, 2016, 18, 8911-8919.	2.8	22
9	Sub-100-ps structural dynamics of horse heart myoglobin probed by time-resolved X-ray solution scattering. Chemical Physics, 2014, 442, 137-142.	1.9	19
10	Filming ultrafast roaming-mediated isomerization of bismuth triiodide in solution. Nature Communications, 2021, 12, 4732.	12.8	14
11	Effect of the abolition of intersubunit salt bridges on allosteric protein structural dynamics. Chemical Science, 2021, 12, 8207-8217.	7.4	13
12	Light-induced protein structural dynamics in bacteriophytochrome revealed by time-resolved x-ray solution scattering. Science Advances, 2022, 8, .	10.3	10
13	Determining the charge distribution and the direction of bond cleavage with femtosecond anisotropic x-ray liquidography. Nature Communications, 2022, 13, 522.	12.8	9
14	Pump-Probe X-ray Solution Scattering Reveals Accelerated Folding of Cytochrome c Upon Suppression of Misligation. Bulletin of the Korean Chemical Society, 2014, 35, 697-698.	1.9	8
15	Protein Structural Dynamics of Wild-Type and Mutant Homodimeric Hemoglobin Studied by Time-Resolved X-Ray Solution Scattering. International Journal of Molecular Sciences, 2018, 19, 3633.	4.1	7
16	Femtosecond X-ray Liquidography Visualizes Wavepacket Trajectories in Multidimensional Nuclear Coordinates for a Bimolecular Reaction. Accounts of Chemical Research, 2021, 54, 1685-1698.	15.6	6
17	Effect of Occluded Ligand Migration on the Kinetics and Structural Dynamics of Homodimeric Hemoglobin. Journal of Physical Chemistry B, 2020, 124, 1550-1556.	2.6	5
18	Sensitivity of <scp>timeâ€resolved</scp> diffraction data to changes in internuclear distances and atomic positions. Bulletin of the Korean Chemical Society, 2022, 43, 376-390.	1.9	4

#	Article	IF	CITATIONS
19	Estimating signal and noise of time-resolved X-ray solution scattering data at synchrotrons and XFELs. Journal of Synchrotron Radiation, 2020, 27, 633-645.	2.4	3