

Youngmin Kim

List of Publications by Year in descending order

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11
papers

207
citations

1307594

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1281871

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all docs

11
docs citations

11
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Structural Dynamics of Photoactive Yellow Protein in Solution Revealed by Pump-Probe X-ray Solution Scattering. <i>Journal of the American Chemical Society</i> , 2012, 134, 3145-3153.	13.7	95
2	Conformational Substates of Myoglobin Intermediate Resolved by Picosecond X-ray Solution Scattering. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 804-808.	4.6	23
3	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. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8911-8919.	2.8	22
4	Sub-100-ps structural dynamics of horse heart myoglobin probed by time-resolved X-ray solution scattering. <i>Chemical Physics</i> , 2014, 442, 137-142.	1.9	19
5	High-throughput instant quantification of protein expression and purity based on photoactive yellow protein turn off/on label. <i>Protein Science</i> , 2013, 22, 1109-1117.	7.6	14
6	Measurements of complex refractive index change of photoactive yellow protein over a wide wavelength range using hyperspectral quantitative phase imaging. <i>Scientific Reports</i> , 2018, 8, 3064.	3.3	10
7	Reversible molecular motional switch based on circular photoactive protein oligomers exhibits unexpected photo-induced contraction. <i>Cell Reports Physical Science</i> , 2021, 2, 100512.	5.6	9
8	Chromophore-Removal-Induced Conformational Change in Photoactive Yellow Protein Determined through Spectroscopic and X-ray Solution Scattering Studies. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4513-4520.	2.6	6
9	Uncovering the Conformational Distribution of a Small Protein with Nanoparticle-Aided Cryo-Electron Microscopy Sampling. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6565-6573.	4.6	4
10	Kinetics of the E46Q mutant of photoactive yellow protein investigated by transient grating spectroscopy. <i>Chemical Physics Letters</i> , 2017, 683, 262-267.	2.6	3
11	Regulation of Protein Structural Changes by Incorporation of a Small-Molecule Linker. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3714.	4.1	2