

Kunisato Kuroi

List of Publications by Year in descending order

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papers

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1163117

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docs citations

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129
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of liquid-liquid phase separation of ataxin-3 and quantitative evaluation of its concentration in a single droplet using Raman microscopy. <i>Chemical Science</i> , 2021, 12, 7411-7418.	7.4	35
2	Transient conformational fluctuation of TePixD during a reaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14764-14769.	7.1	24
3	Effects of molecular crowding environment on the acquisition of toxic properties of wild-type SOD1. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129401.	2.4	13
4	Concentration Quantification of the Low-Complexity Domain of Fused in Sarcoma inside a Single Droplet and Effects of Solution Parameters. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5692-5697.	4.6	12
5	Anomalous diffusion of TePixD and identification of the photoreaction product. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1180-1186.	2.9	11
6	Pressure-Sensitive Reaction Yield of the TePixD Blue-Light Sensor Protein. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2897-2907.	2.6	10
7	Anomalous pressure effects on the photoreaction of a light-sensor protein from <i>Synechocystis</i> , PixD (Slr1694), and the compressibility change of its intermediates. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 25915-25925.	2.8	8
8	Time-resolved fluctuation during the photochemical reaction of a photoreceptor protein: phototropin1LOV2-linker. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 6228-6238.	2.8	8
9	Time-resolved FTIR study on the structural switching of human galectin-1 by light-induced disulfide bond formation. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 1137-1144.	2.8	6
10	FTIR study of the surface-ligand exchange reaction with glutathione on biocompatible rod-shaped CdSe/CdS semiconductor nanocrystals. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13356-13364.	2.8	4
11	Change in the structure and function of lectin by photodissociation of NO. <i>Chemical Communications</i> , 2017, 53, 10014-10017.	4.1	3
12	1P-061 Pressure effects on reaction dynamics of a photosensor protein TePixD(Protein:Function, The) Tj ETQq0 0 0,rgBT /Overlock 10 TF	0.9	0
13	3P087 Determination of the photoreaction product of blue light sensor BLUF protein TePixD(Protein:) Tj ETQq1 1 0,784314 rgBT /Over 0.1 8	0.1	8
14	Relationship between Fluctuations and Reactions of Proteins. <i>Seibutsu Butsuri</i> , 2015, 55, 235-241.	0.1	0