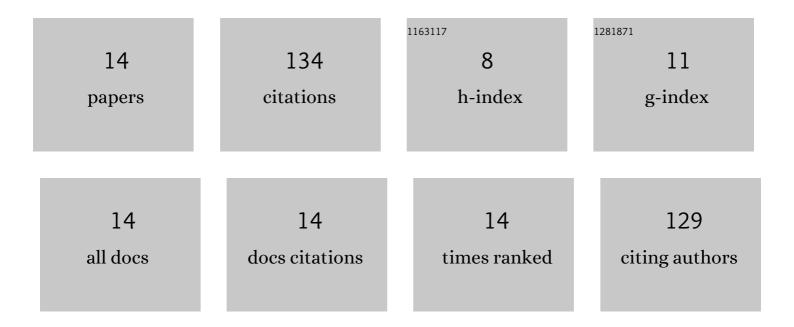
Kunisato Kuroi

List of Publications by Year in descending order

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| # | 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. Chemical Science, 2021, 12, 7411-7418. | 7.4 | 35 |
| 2 | Transient conformational fluctuation of TePixD during a reaction. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14764-14769. | 7.1 | 24 |
| 3 | Effects of molecular crowding environment on the acquisition of toxic properties of wild-type SOD1. Biochimica Et Biophysica Acta - General Subjects, 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. Journal of Physical Chemistry Letters, 2022, 13, 5692-5697. | 4.6 | 12 |
| 5 | Anomalous diffusion of TePixD and identification of the photoreaction product. Photochemical and Photobiological Sciences, 2013, 12, 1180-1186. | 2.9 | 11 |
| 6 | Pressure-Sensitive Reaction Yield of the TePixD Blue-Light Sensor Protein. Journal of Physical Chemistry B, 2015, 119, 2897-2907. | 2.6 | 10 |
| 7 | Anomalous pressure effects on the photoreaction of a light-sensor protein from Synechocystis, PixD (Slr1694), and the compressibility change of its intermediates. Physical Chemistry Chemical Physics, 2016, 18, 25915-25925. | 2.8 | 8 |
| 8 | Time-resolved fluctuation during the photochemical reaction of a photoreceptor protein: phototropin1LOV2-linker. Physical Chemistry Chemical Physics, 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. Physical Chemistry Chemical Physics, 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. Physical Chemistry Chemical Physics, 2022, 24, 13356-13364. | 2.8 | 4 |
| 11 | Change in the structure and function of lectin by photodissociation of NO. Chemical Communications, 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 ₀ gBT /0 | Dverlock 10 T |

| 13 | 3P087 Determination of the photoreaction product of blue light sensor BLUF protein TePixD(Protein:) Tj ETQq1 1 | 0.784314 0.1 | l rgBT /Over |
|----|--|-----------------|--------------|
| 14 | Relationship between Fluctuations and Reactions of Proteins. Seibutsu Butsuri, 2015, 55, 235-241. | 0.1 | 0 |