

Amane Kobayashi

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Common architectures in cyanobacteria <i>Prochlorococcus</i> cells visualized by X-ray diffraction imaging using X-ray free electron laser. <i>Scientific Reports</i> , 2021, 11, 3877.	3.3	8
2	Methods and application of coherent X-ray diffraction imaging of noncrystalline particles. <i>Biophysical Reviews</i> , 2020, 12, 541-567.	3.2	16
3	Shot-by-shot characterization of focused X-ray free electron laser pulses. <i>Scientific Reports</i> , 2018, 8, 831.	3.3	20
4	Cryogenic Coherent X-ray Diffraction Imaging Techniques for Structural Analyses of Biological Cells and Cellular Organelles. <i>Microscopy and Microanalysis</i> , 2018, 24, 14-15.	0.4	0
5	Diffraction apparatus and procedure in tomography X-ray diffraction imaging for biological cells at cryogenic temperature using synchrotron X-ray radiation. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1803-1818.	2.4	10
6	A protocol for searching the most probable phase-retrieved maps in coherent X-ray diffraction imaging by exploiting the relationship between convergence of the retrieved phase and success of calculation. <i>Journal of Synchrotron Radiation</i> , 2017, 24, 1024-1038.	2.4	11
7	Common structural features of toxic intermediates from $\hat{I}\pm$ -synuclein and GroES fibrillogenesis detected using cryogenic coherent X-ray diffraction imaging. <i>Journal of Biochemistry</i> , 2017, 161, 55-65.	1.7	8
8	TAKASAGO-6 apparatus for cryogenic coherent X-ray diffraction imaging of biological non-crystalline particles using X-ray free electron laser at SACLA. <i>Review of Scientific Instruments</i> , 2016, 87, 053109.	1.3	27
9	Specimen preparation for cryogenic coherent X-ray diffraction imaging of biological cells and cellular organelles by using the X-ray free-electron laser at SACLA. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 975-989.	2.4	38
10	Coherent X-Ray Diffraction Imaging of Chloroplasts from <i>Cyanidioschyzon merolae</i> by Using X-Ray Free Electron Laser. <i>Plant and Cell Physiology</i> , 2015, 56, 1272-1286.	3.1	56
11	Cryogenic coherent x-ray diffraction imaging for biological non-crystalline particles using the KOTŌBUKI-1 diffraction apparatus at SACLA. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 184003.	1.5	32
12	KOTŌBUKI-1 apparatus for cryogenic coherent X-ray diffraction imaging. <i>Review of Scientific Instruments</i> , 2013, 84, 093705.	1.3	51