

Yuan Hung Lo

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

300
citations

1162889

8
h-index

1281743

11
g-index

15
all docs

15
docs citations

15
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlative 3D x-ray fluorescence and ptychographic tomography of frozen-hydrated green algae. <i>Science Advances</i> , 2018, 4, eaau4548.	4.7	79
2	GENFIRE: A generalized Fourier iterative reconstruction algorithm for high-resolution 3D imaging. <i>Scientific Reports</i> , 2017, 7, 10409.	1.6	71
3	In situ coherent diffractive imaging. <i>Nature Communications</i> , 2018, 9, 1826.	5.8	52
4	Potential of Attosecond Coherent Diffractive Imaging. <i>Physical Review Letters</i> , 2020, 125, 086101.	2.9	21
5	X-ray linear dichroic ptychography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	20
6	Modifier genes and non-genetic factors reshape anatomical deficits in Zfp423-deficient mice. <i>Human Molecular Genetics</i> , 2011, 20, 3822-3830.	1.4	17
7	Multimodal x-ray and electron microscopy of the Allende meteorite. <i>Science Advances</i> , 2019, 5, eaax3009.	4.7	17
8	Correlative cellular ptychography with functionalized nanoparticles at the Fe L-edge. <i>Scientific Reports</i> , 2017, 7, 4757.	1.6	16
9	Modifier Genes for Mouse Phosphatidylinositol Transfer Protein $\hat{I}\pm$ (vibrator) That Bypass Juvenile Lethality. <i>Genetics</i> , 2011, 187, 1185-1191.	1.2	4
10	SQUARREL: Scattering Quotient Analysis to Retrieve the Ratio of Elements in X-ray Ptychography. <i>Microscopy and Microanalysis</i> , 2019, 25, 112-113.	0.2	2
11	Sensitivity of Rabbit Ventricular Action Potential and Ca ²⁺ Dynamics to Small Variations in Membrane Currents and Ion Diffusion Coefficients. <i>BioMed Research International</i> , 2013, 2013, 1-15.	0.9	1
12	GENFIRE: A Generalized Fourier Iterative Reconstruction Algorithm for High-Resolution 3D Electron and X-ray Imaging. <i>Microscopy and Microanalysis</i> , 2017, 23, 128-129.	0.2	0
13	GENFIRE: from Precisely Localizing Single Atoms in Materials to High Resolution 3D Imaging of Cellular Structures. <i>Microscopy and Microanalysis</i> , 2018, 24, 1446-1447.	0.2	0
14	Total Electron Yield Mapping of Electronic Device Features via Measurement of X-Ray Beam-Induced Currents. <i>Microscopy and Microanalysis</i> , 2019, 25, 256-257.	0.2	0
15	Correlative 3D X-ray Fluorescence and Ptychographic Tomography of Frozen-Hydrated Green Algae. <i>Microscopy and Microanalysis</i> , 2019, 25, 114-115.	0.2	0