

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