

Christopher Addiego

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

881
citations

1163117

8
h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

1368
citing authors

#	ARTICLE	IF	CITATIONS
1	High-density switchable skyrmion-like polar nanodomains integrated on silicon. <i>Nature</i> , 2022, 603, 63-67.	27.8	79
2	Direct observation of elemental fluctuation and oxygen octahedral distortion-dependent charge distribution in high entropy oxides. <i>Nature Communications</i> , 2022, 13, 2358.	12.8	35
3	High-Throughput Intelligent Analysis of High and Low-Loss EELS. <i>Microscopy and Microanalysis</i> , 2021, 27, 626-628.	0.4	0
4	Observation of a charged incoherent BiFeO ₃ /SrTiO ₃ interface. <i>Microscopy and Microanalysis</i> , 2021, 27, 1454-1455.	0.4	0
5	Emergent properties at oxide interfaces controlled by ferroelectric polarization. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	5
6	Direct observation of polarization-induced two-dimensional electron/hole gases at ferroelectric-insulator interface. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	6
7	Origin of the Enhanced Piezoelectricity of Vanadium-Doped La ₂ Ti ₇ O ₂₀ Ceramics. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26180-26187.	3.1	3
8	Thickness and defocus dependence of inter-atomic electric fields measured by scanning diffraction. <i>Ultramicroscopy</i> , 2020, 208, 112850.	1.9	14
9	Enhanced electrical properties of La _{1.9} Nd _{0.1} Ti ₂₀ O ₇ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 1853-1860.	2.2	2
10	Observation of Charge Separation along BiFeO ₃ 109° Domain Walls by Using Low-convergence Angle 4-Dimensional Scanning Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2020, 26, 234-235.	0.4	0
11	Multiscale Electric Field Imaging of Vortices in PbTiO ₃ -SrTiO ₃ Superlattice. <i>Microscopy and Microanalysis</i> , 2020, 26, 466-468.	0.4	1
12	Polarization in Ferroelectric BiFeO ₃ Imaged in 3D Using Four-dimensional Scanning Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2020, 26, 1132-1134.	0.4	0
13	Manipulating magnetoelectric energy landscape in multiferroics. <i>Nature Communications</i> , 2020, 11, 2836.	12.8	42
14	Structures and electronic properties of domain walls in BiFeO ₃ thin films. <i>National Science Review</i> , 2019, 6, 669-683.	9.5	18
15	Charge Density Mapping via Scanning Diffraction in Scanning Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2019, 25, 18-19.	0.4	0
16	Probing the dynamics of nanoparticle formation from a precursor at atomic resolution. <i>Science Advances</i> , 2019, 5, eaau9590.	10.3	40
17	Real-space charge-density imaging with sub-Ångström resolution by four-dimensional electron microscopy. <i>Nature</i> , 2019, 575, 480-484.	27.8	127
18	Intercorrelated In-Plane and Out-of-Plane Ferroelectricity in Ultrathin Two-Dimensional Layered Semiconductor In ₂ Se ₃ . <i>Nano Letters</i> , 2018, 18, 1253-1258.	9.1	509

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19	Combined In Situ and Ex Situ Study on Synthesis of Nanostructured Catalyst in Solid State. <i>Microscopy and Microanalysis</i> , 2018, 24, 288-289.	0.4	0
20	Calculation of the Electric Field Based on Average Momentum Transfer Using Pixelated Electron Detector in STEM. <i>Microscopy and Microanalysis</i> , 2017, 23, 2104-2105.	0.4	0