

Christopher Addiego

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

448
citations

7
h-index

21
g-index

21
ext. papers

622
ext. citations

9.6
avg, IF

3.28
L-index

#	Paper	IF	Citations
20	High-density switchable skyrmion-like polar nanodomains integrated on silicon.. <i>Nature</i> , 2022 , 603, 63-67	50.4	11
19	Direct observation of elemental fluctuation and oxygen octahedral distortion-dependent charge distribution in high entropy oxides.. <i>Nature Communications</i> , 2022 , 13, 2358	17.4	5
18	Origin of the Enhanced Piezoelectricity of Vanadium-Doped La ₂ Ti ₂ O ₇ Ceramics. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 26180-26187	3.8	0
17	Direct observation of polarization-induced two-dimensional electron/hole gases at ferroelectric-insulator interface. <i>Npj Quantum Materials</i> , 2021 , 6,	5	3
16	High-Throughput Intelligent Analysis of High and Low-Loss EELS. <i>Microscopy and Microanalysis</i> , 2021 , 27, 626-628	0.5	
15	Observation of a charged incoherent BiFeO ₃ /SrTiO ₃ interface. <i>Microscopy and Microanalysis</i> , 2021 , 27, 1454-1455	0.5	
14	Emergent properties at oxide interfaces controlled by ferroelectric polarization. <i>Npj Computational Materials</i> , 2021 , 7,	10.9	1
13	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	0.5	
12	Multiscale Electric Field Imaging of Vortices in PbTiO ₃ -SrTiO ₃ Superlattice. <i>Microscopy and Microanalysis</i> , 2020 , 26, 466-468	0.5	0
11	Polarization in Ferroelectric BiFeO ₃ Imaged in 3D Using Four-dimensional Scanning Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2020 , 26, 1132-1134	0.5	
10	Manipulating magnetoelectric energy landscape in multiferroics. <i>Nature Communications</i> , 2020 , 11, 2836	17.4	18
9	Enhanced electrical properties of La _{1.9} Nd _{0.1} Ti ₂ O ₇ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 1853-1860	2.1	2
8	Thickness and defocus dependence of inter-atomic electric fields measured by scanning diffraction. <i>Ultramicroscopy</i> , 2020 , 208, 112850	3.1	10
7	Charge Density Mapping via Scanning Diffraction in Scanning Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2019 , 25, 18-19	0.5	
6	Probing the dynamics of nanoparticle formation from a precursor at atomic resolution. <i>Science Advances</i> , 2019 , 5, eaau9590	14.3	29
5	Structures and electronic properties of domain walls in BiFeO thin films. <i>National Science Review</i> , 2019 , 6, 669-683	10.8	9
4	Real-space charge-density imaging with sub-Ångström resolution by four-dimensional electron microscopy. <i>Nature</i> , 2019 , 575, 480-484	50.4	67

3	Intercorrelated In-Plane and Out-of-Plane Ferroelectricity in Ultrathin Two-Dimensional Layered Semiconductor InSe. <i>Nano Letters</i> , 2018 , 18, 1253-1258	11.5	293
2	Combined In Situ and Ex Situ Study on Synthesis of Nanostructured Catalyst in Solid State. <i>Microscopy and Microanalysis</i> , 2018 , 24, 288-289	0.5	
1	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	0.5	