

# 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	Intercorrelated In-Plane and Out-of-Plane Ferroelectricity in Ultrathin Two-Dimensional Layered Semiconductor In <sub>2</sub> Se <sub>3</sub> . Nano Letters, 2018, 18, 1253-1258.	9.1	509
2	Real-space charge-density imaging with sub-Ångström resolution by four-dimensional electron microscopy. Nature, 2019, 575, 480-484.	27.8	127
3	High-density switchable skyrmion-like polar nanodomains integrated on silicon. Nature, 2022, 603, 63-67.	27.8	79
4	Manipulating magnetoelectric energy landscape in multiferroics. Nature Communications, 2020, 11, 2836.	12.8	42
5	Probing the dynamics of nanoparticle formation from a precursor at atomic resolution. Science Advances, 2019, 5, eaau9590.	10.3	40
6	Direct observation of elemental fluctuation and oxygen octahedral distortion-dependent charge distribution in high entropy oxides. Nature Communications, 2022, 13, 2358.	12.8	35
7	Structures and electronic properties of domain walls in BiFeO <sub>3</sub> thin films. National Science Review, 2019, 6, 669-683.	9.5	18
8	Thickness and defocus dependence of inter-atomic electric fields measured by scanning diffraction. Ultramicroscopy, 2020, 208, 112850.	1.9	14
9	Direct observation of polarization-induced two-dimensional electron/hole gases at ferroelectric-insulator interface. Npj Quantum Materials, 2021, 6, .	5.2	6
10	Emergent properties at oxide interfaces controlled by ferroelectric polarization. Npj Computational Materials, 2021, 7, .	8.7	5
11	Origin of the Enhanced Piezoelectricity of Vanadium-Doped La <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> Ceramics. Journal of Physical Chemistry C, 2021, 125, 26180-26187.	3.1	3
12	Enhanced electrical properties of La <sub>1.9</sub> Nd <sub>0.1</sub> Ti <sub>2</sub> O <sub>7</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 1853-1860.	2.2	2
13	Multiscale Electric Field Imaging of Vortices in PbTiO <sub>3</sub> -SrTiO <sub>3</sub> Superlattice. Microscopy and Microanalysis, 2020, 26, 466-468.	0.4	1
14	Calculation of the Electric Field Based on Average Momentum Transfer Using Pixelated Electron Detector in STEM. Microscopy and Microanalysis, 2017, 23, 2104-2105.	0.4	0
15	Combined In Situ and Ex Situ Study on Synthesis of Nanostructured Catalyst in Solid State. Microscopy and Microanalysis, 2018, 24, 288-289.	0.4	0
16	Charge Density Mapping via Scanning Diffraction in Scanning Transmission Electron Microscopy. Microscopy and Microanalysis, 2019, 25, 18-19.	0.4	0
17	Observation of Charge Separation along BiFeO <sub>3</sub> 109° Domain Walls by Using Low-convergence Angle 4-Dimensional Scanning Transmission Electron Microscopy. Microscopy and Microanalysis, 2020, 26, 234-235.	0.4	0
18	Polarization in Ferroelectric BiFeO <sub>3</sub> Imaged in 3D Using Four-dimensional Scanning Transmission Electron Microscopy. Microscopy and Microanalysis, 2020, 26, 1132-1134.	0.4	0

#	ARTICLE	IF	CITATIONS
19	High-Throughput Intelligent Analysis of High and Low-Loss EELS. <i>Microscopy and Microanalysis</i> , 2021, 27, 626-628.	0.4	0
20	Observation of a charged incoherent BiFeO <sub>3</sub> /SrTiO <sub>3</sub> interface. <i>Microscopy and Microanalysis</i> , 2021, 27, 1454-1455.	0.4	0