

# Yan Wang

## List of Publications by Year in descending order

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docs citations

19  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure induced phase transition of La-substituted BiFeO <sub>3</sub> . Solid State Communications, 2022, 341, 114595.	0.9	4
2	Feature detection network-based correction method for accurate nano-tomography reconstruction. Applied Optics, 2022, 61, 5695.	0.9	3
3	Cr doping effects on the structural and magnetic properties of BiFeO <sub>3</sub> nanoparticles synthesized hydrothermal method. Journal of Magnetism and Magnetic Materials, 2022, 560, 169570.	1.0	4
4	Deep-learning-based image registration for nano-resolution tomographic reconstruction. Journal of Synchrotron Radiation, 2021, 28, 1909-1915.	1.0	9
5	Accurate reconstruction algorithm for bilateral differential phase signals. Radiation Detection Technology and Methods, 2021, 5, 474-479.	0.4	1
6	Effect of Nd/Mn substitution on the structure and magnetic properties of nano-BiFeO <sub>3</sub> . Journal of Alloys and Compounds, 2019, 786, 385-393.	2.8	17
7	Pressure-induced phase transitions and structural evolution across the insulator-metal transition in bulk and nanoscale BiFeO <sub>3</sub> . Journal of Physics Condensed Matter, 2019, 31, 265404.	0.7	4
8	Local insight into the La-induced structural phase transition in multiferroic BiFeO <sub>3</sub> ceramics by x-ray absorption fine structure spectroscopy. Journal of Physics Condensed Matter, 2019, 31, 085402.	0.7	7
9	Local structural changes during the disordered substitutional alloy transition in Bi <sub>2</sub> Te <sub>3</sub> by high-pressure XAFS. Journal of Applied Physics, 2018, 124, 065901.	1.1	7
10	Adaptive weighted total variation regularized phase retrieval in differential phase-contrast imaging. Optical Engineering, 2018, 57, 1.	0.5	1
11	Effect of particle-size selectivity on quantitative X-ray dark-field computed tomography using a grating interferometer. Radiation Physics and Chemistry, 2017, 137, 260-263.	1.4	3
12	Comparative investigation of the vibrational properties of bulk 2H-MoS <sub>2</sub> and its exfoliated nanosheets under high pressure. Journal of Raman Spectroscopy, 2017, 48, 596-600.	1.2	10
13	Bi-centric view of the isostructural phase transitions in $\hat{\Gamma}_2$ -Bi <sub>2</sub> Se <sub>3</sub> and $\hat{\Gamma}_2$ -Bi <sub>2</sub> Te <sub>3</sub> . Physica Status Solidi (B): Basic Research, 2017, 254, 1700007.	0.7	11
14	Revisiting local structural changes in GeO <sub>2</sub> glass at high pressure. Journal of Physics Condensed Matter, 2017, 29, 465401.	0.7	8
15	Toward a Unified Identification of Ti Location in the MFI Framework of High-Ti-Loaded TS-1: Combined EXAFS, XANES, and DFT Study. Journal of Physical Chemistry C, 2016, 120, 20114-20124.	1.5	45
16	Angular signal radiography. Optics Express, 2016, 24, 5829.	1.7	17
17	Investigation of noise properties in grating-based x-ray phase tomography with reverse projection method. Chinese Physics B, 2015, 24, 108702.	0.7	2
18	Cosine fitting radiography and computed tomography. Chinese Physics B, 2015, 24, 068704.	0.7	2

#	ARTICLE	IF	CITATIONS
19	A novel crystal-analyzer phase retrieval algorithm and its noise property. Journal of Synchrotron Radiation, 2015, 22, 786-795.	1.0	6