

# Xian-Sheng Cao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1153962/publications.pdf>

Version: 2024-02-01

23  
papers

78  
citations

1684188  
5  
h-index

1474206  
9  
g-index

23  
all docs

23  
docs citations

23  
times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical investigation on the magnetocaloric effect of BiFeO <sub>3</sub> . Journal of Alloys and Compounds, 2019, 806, 1008-1011.	5.5	3
2	Electrocaloric effect anomaly in multiferroic BiFeO <sub>3</sub> . Materials Research Express, 2019, 6, 076112.	1.6	1
3	Phonon properties of multiferroic BiFeO <sub>3</sub> . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 251, 114446.	3.5	0
4	Anomalous reduced sound velocity of multiferroic TbMn <sub>2</sub> O <sub>5</sub> . Chinese Journal of Physics, 2018, 56, 520-524.	3.9	0
5	Anharmonic phonon properties in Eu <sub>0.5</sub> Ba <sub>0.5</sub> TiO <sub>3</sub> . Materials Science-Poland, 2018, 36, 141-144.	1.0	0
6	Anomalous Specific Heat of Multiferroic BiFeO <sub>3</sub> . Journal of Low Temperature Physics, 2017, 189, 196-203.	1.4	1
7	Anomalous sound velocity in multiferroic BiFeO <sub>3</sub> . Solid State Communications, 2016, 245, 55-59.	1.9	9
8	Effect of ferromagnetic and ferroelectric properties on the sound velocity anomaly in BiFeO <sub>3</sub> . Journal of Alloys and Compounds, 2016, 685, 978-982.	5.5	6
9	Multiferroic and resistive switching behaviors in BiFe <sub>0.95</sub> Cr <sub>0.05</sub> O <sub>3</sub> thin films deposited on Pt/Ti/SiO <sub>2</sub> /Si substrates. Applied Physics A: Materials Science and Processing, 2013, 113, 779-785.	2.3	0
10	Anomalous dielectric constant of half-doped manganite La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> . Journal of Alloys and Compounds, 2013, 568, 1-4.	5.5	2
11	Dielectric loss of half-doped manganite La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> . Chinese Physics B, 2013, 22, 087702.	1.4	1
12	Thermopower Properties of Ferromagnetic/Insulator/Ferromagnetic Tunnel Junction. International Journal of Thermophysics, 2013, 34, 1347-1352.	2.1	0
13	Moment of Inertia of a Ping-Pong Ball. Physics Teacher, 2012, 50, 292-292.	0.3	3
14	Thermoelectric properties of a single quantum dot in mixed-valence regime. Superlattices and Microstructures, 2012, 52, 1166-1170.	3.1	1
15	Magnetic properties of Co-doped SnO: first-principles calculations. Chinese Physics B, 2011, 20, 057101.	1.4	3
16	Shot Noise in a Quantum Dot with the Finite Coulomb Interaction. Journal of Low Temperature Physics, 2011, 164, 237-244.	1.4	0
17	Shot noise in a quantum dot with the coulomb interaction. Solid State Communications, 2011, 151, 514-517.	1.9	1
18	Photoconductivity in BiFeO <sub>3</sub> /La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> heterostructure. Materials Letters, 2010, 64, 1713-1716.	2.6	22

#	ARTICLE	IF	CITATIONS
19	Magnetic and dielectric properties of $\text{A}^{2+}$ hybrid composite ceramics. <i>Solid State Communications</i> , 2010, 150, 1334-1337.	1.9	16
20	Raman spectra of $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Physica Scripta</i> , 2009, 79, 045701.	2.5	1
21	Electron-phonon coupling and longitudinal sound velocity of $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Physica B: Condensed Matter</i> , 2009, 404, 65-68.	2.7	0
22	Sound velocity in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 5356-5360.	2.1	6
23	Microscopy model of the velocity of sound in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Physica Scripta</i> , 2008, 78, 045701.	2.5	2