

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	Photoconductivity in BiFeO ₃ /La _{0.7} Sr _{0.3} MnO ₃ heterostructure. <i>Materials Letters</i> , 2010, 64, 1713-1716.	2.6	22
2	Magnetic and dielectric properties of A^{A} hybrid composite ceramics. <i>Solid State Communications</i> , 2010, 150, 1334-1337.	1.9	16
3	Anomalous sound velocity in multiferroic BiFeO ₃ . <i>Solid State Communications</i> , 2016, 245, 55-59.	1.9	9
4	Sound velocity in La _{0.5} Ca _{0.5} MnO ₃ . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 5356-5360.	2.1	6
5	Effect of ferromagnetic and ferroelectric properties on the sound velocity anomaly in BiFeO ₃ . <i>Journal of Alloys and Compounds</i> , 2016, 685, 978-982.	5.5	6
6	Magnetic properties of Co-doped SnO: first-principles calculations. <i>Chinese Physics B</i> , 2011, 20, 057101.	1.4	3
7	Moment of Inertia of a Ping-Pong Ball. <i>Physics Teacher</i> , 2012, 50, 292-292.	0.3	3
8	Theoretical investigation on the magnetocaloric effect of BiFeO ₃ . <i>Journal of Alloys and Compounds</i> , 2019, 806, 1008-1011.	5.5	3
9	Microscopy model of the velocity of sound in La _{0.5} Ca _{0.5} MnO ₃ . <i>Physica Scripta</i> , 2008, 78, 045701.	2.5	2
10	Anomalous dielectric constant of half-doped manganite La _{0.5} Ca _{0.5} MnO ₃ . <i>Journal of Alloys and Compounds</i> , 2013, 568, 1-4.	5.5	2
11	Raman spectra of La _{0.5} Ca _{0.5} MnO ₃ . <i>Physica Scripta</i> , 2009, 79, 045701.	2.5	1
12	Shot noise in a quantum dot with the coulomb interaction. <i>Solid State Communications</i> , 2011, 151, 514-517.	1.9	1
13	Thermoelectric properties of a single quantum dot in mixed-valence regime. <i>Superlattices and Microstructures</i> , 2012, 52, 1166-1170.	3.1	1
14	Dielectric loss of half-doped manganite La _{0.5} Ca _{0.5} MnO ₃ . <i>Chinese Physics B</i> , 2013, 22, 087702.	1.4	1
15	Anomalous Specific Heat of Multiferroic BiFeO_3 . <i>Journal of Low Temperature Physics</i> , 2017, 189, 196-203.	1.4	1
16	Electrocaloric effect anomaly in multiferroic BiFeO ₃ . <i>Materials Research Express</i> , 2019, 6, 076112.	1.6	1
17	Electron-phonon coupling and longitudinal sound velocity of La _{0.5} Ca _{0.5} MnO ₃ . <i>Physica B: Condensed Matter</i> , 2009, 404, 65-68.	2.7	0
18	Shot Noise in a Quantum Dot with the Finite Coulomb Interaction. <i>Journal of Low Temperature Physics</i> , 2011, 164, 237-244.	1.4	0

#	ARTICLE	IF	CITATIONS
19	Multiferroic and resistive switching behaviors in BiFe _{0.95} Cr _{0.05} O ₃ thin films deposited on Pt/Ti/SiO ₂ /Si substrates. Applied Physics A: Materials Science and Processing, 2013, 113, 779-785.	2.3	0
20	Thermopower Properties of Ferromagnetic/Insulator/Ferromagnetic Tunnel Junction. International Journal of Thermophysics, 2013, 34, 1347-1352.	2.1	0
21	Anomalous reduced sound velocity of multiferroic TbMn ₂ O ₅ . Chinese Journal of Physics, 2018, 56, 520-524.	3.9	0
22	Phonon properties of multiferroic BiFeO ₃ . Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 251, 114446.	3.5	0
23	Anharmonic phonon properties in Eu _{0.5} Ba _{0.5} TiO ₃ . Materials Science-Poland, 2018, 36, 141-144.	1.0	0