

Veronica Goian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6210088/publications.pdf>

Version: 2024-02-01

48
papers

1,893
citations

430442

18
h-index

264894

42
g-index

52
all docs

52
docs citations

52
times ranked

2972
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous temperature dependence of the effective mass in $\text{Pb}_{1-x}\text{Bi}_x\text{Mn}_2\text{O}_7$. Physical Review B, 2021, 104, .	1.1	0
2	Targeted chemical pressure yields tuneable millimetre-wave dielectric. Nature Materials, 2020, 19, 176-181.	13.3	27
3	Surface Stress and Lattice Dynamics in Oxide Ultrathin Films. Physica Status Solidi (B): Basic Research, 2020, 257, 1900650.	0.7	3
4	Making EuO multiferroic by epitaxial strain engineering. Communications Materials, 2020, 1, .	2.9	21
5	Strain effect on magnetic-exchange-induced phonon splitting in NiO films. Journal of Physics Condensed Matter, 2020, 32, 405607.	0.7	2
6	Spin-phonon interaction increased by compressive strain in antiferromagnetic MnO thin films. Journal of Physics Condensed Matter, 2020, 32, 175402.	0.7	1
7	Spin and lattice dynamics of multiferroic SrMn7O12 studied by THz and infrared spectroscopies at low temperatures and in magnetic field. , 2019, , .		0
8	Changes in spin and lattice dynamics induced by magnetic and structural phase transitions in multiferroic $\text{SrMn}_{12}\text{O}_{19}$. Physical Review B, 2019, 99, .		0
9	Growth and lattice dynamics of ultrathin BaO films on Pt(0001). Journal of Physics Condensed Matter, 2018, 30, 095001.	0.7	3
10	Performance Comparison of Time-Domain Terahertz, Multi-terahertz, and Fourier Transform Infrared Spectroscopies. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 1249-1263.	1.2	10
11	Spin-phonon coupling in epitaxial $\text{SrMn}_7\text{O}_{12}$. Physical Review B, 2017, 95, .	1.1	12
12	Unusual ferroelectric and magnetic phases in multiferroic Mn_2HfO_7 ceramics. Physical Review B, 2017, 95, .	1.1	8
13	THz spectroscopic investigations of magnetodielectric coupling in $\text{Sr}_{0.55}\text{Ba}_{0.45}\text{MnO}_3$ ceramics. , 2016, , .		0
14	Spectroscopic studies of the ferroelectric and magnetic phase transitions in multiferroic $\text{Sr}_{1-x}\text{Ba}_x\text{MnO}_3$. Journal of Physics Condensed Matter, 2016, 28, 175901.	0.7	11
15	Electromagnon in the hexaferrite $\text{Zr}_2\text{Fe}_2\text{O}_{12}$. Physical Review B, 2016, 94, .	1.1	23
16	Lattice dynamics and broad-band dielectric properties of multiferroic $\text{Pb}(\text{Fe}_{1/2}\text{Nb}_{1/2})\text{O}_3$ ceramics. Journal of Applied Physics, 2015, 117, 084101.	1.1	6
17	The manifestation of spin-phonon coupling in CaMnO_3 . Journal of Applied Physics, 2015, 117, .	1.1	12
18	Spin and lattice excitations of a BiFeO_3 film and ceramics. Physical Review B, 2015, 91, .	1.1	27

#	ARTICLE	IF	CITATIONS
19	Spin and lattice excitations of multiferroic $(\text{Ba}_{0.2}\text{Sr}_{0.8})\text{Co}_2\text{Fe}_{24}\text{O}_{41}$ in the THz range. , 2015, , .		0
20	Spin and lattice vibrations of $\text{CaMn}_7\text{O}_{12}$ in the THz range. , 2014, , . Influence of the central mode and soft phonon on the microwave dielectric loss near the strain-induced ferroelectric phase transitions in		0
21	Possible coupling between magnons and phonons in multiferroic $\text{CaMn}_7\text{O}_{12}$. Physical Review B, 2014, 90, .	1.1	10
22	Strong spin-phonon coupling in infrared and Raman spectra of SrMnO_3 . Physical Review B, 2014, 89, .	1.1	18
23	Exploiting dimensionality and defect mitigation to create tunable microwave dielectrics. Nature, 2013, 502, 532-536.	13.7	204
24	Electromagnon in ferrimagnetic Fe_2O_3 nanograin ceramics. Physical R	1.1	13
25	Polar phonon anomalies in single-crystalline TbScO_3 . Phase Transitions, 2013, 86, 206-216.	0.6	16
26	Magnetic and dielectric properties of multiferroic $\text{Eu}_{0.5}\text{Ba}_{0.25}\text{Sr}_{0.25}\text{TiO}_3$ ceramics. Phase Transitions, 2013, 86, 191-199.	0.6	3
27	Optical response of DyN. Journal of Applied Physics, 2013, 113, 203509.	1.1	24
28	Absence of ferroelectricity in BiMnO_3 ceramics. Journal of Applied Physics, 2012, 112, . Magnetodielectric effect and phonon properties of compressively strained EuTiO_3 thin films deposited on $(001)(\text{LaAlO}_3/\text{SrTiO}_3)$ heterostructure. Physical Review B, 2012, 86, .	1.1	36
29	Antiferrodistortive phase transition in EuTiO_3 thin films deposited on $(001)(\text{LaAlO}_3/\text{SrTiO}_3)$ heterostructure. Physical Review B, 2012, 86, .	1.1	21
30	Incipient Ferroelectric Properties of NaTaO_3 . Ferroelectrics, 2012, 426, 206-214.	0.3	8
31	Processing of phase pure and dense bulk EuTiO_3 ceramics and their infrared reflectivity spectra. Materials Letters, 2012, 74, 16-18.	1.3	12
32	Terahertz and infrared spectroscopic evidence of phonon-paramagnon coupling in hexagonal piezomagnetic YMnO_3 . Physical Review B, 2011, 84, .	1.1	23
33	Terahertz and infrared studies of antiferroelectric phase transition in multiferroic $\text{Bi}_{0.85}\text{Nd}_{0.15}\text{FeO}_3$. Journal of Applied Physics, 2011, 110, .	1.1	14
34	Dielectric, magnetic and structural properties of novel multiferroic $\text{Eu}_{0.5}\text{Ba}_{0.5}\text{TiO}_3$ ceramics. Journal of Physics Condensed Matter, 2011, 23, 025904.	0.7	18

#	ARTICLE	IF	CITATIONS
37	A strong ferroelectric ferromagnet created by means of spin-lattice coupling. Nature, 2011, 476, 114-114.	13.7	183
38	A strong ferroelectric ferromagnet created by means of spin-lattice coupling. Nature, 2010, 466, 954-958.	13.7	668
39	A multiferroic material to search for the permanent electric dipole moment of the electron. Nature Materials, 2010, 9, 649-654.	13.3	88
40	THz and infrared studies of multiferroic hexagonal $Y_{1-x}Eu_xMnO_3$ ($x=0.2$) ceramics. Phase Transitions, 2010, 83, 931-941.		14
41	Structure, dielectric, and magnetic properties of SrTiMnO6 ceramics. Journal of Applied Physics, 2010, 108, .	1.1	36
42	Dielectric, magnetic, and lattice dynamics properties of Y-type hexaferrite Ba0.5Sr1.5Zn2Fe12O22: Comparison of ceramics and single crystals. Journal of Applied Physics, 2010, 107, .	1.1	35
43	Polar phonon mixing in magnetoelectric EuTiO3. European Physical Journal B, 2009, 71, 429-433.	0.6	68
44	Magnetic and dielectric properties of hexagonal $InMnO_3$. Physical Review B, 2009, 79, .	1.1	39
45	Ferroelectric and Incipient Ferroelectric Properties of a Novel $Sr_{9-x}Pb_xCe_2Ti_2O_{36}$ ($x = 0-9$) Ceramic System. Chemistry of Materials, 2009, 21, 811-819.	3.2	16
46	Structure and surface morphology of Mn-implanted TiO2. Thin Solid Films, 2007, 515, 6402-6406.	0.8	9
47	GMI Effect in Amorphous Glass Covered Microwires as a Function of the Internal Induced Stresses. IEEE Transactions on Magnetics, 2006, 42, 3359-3361.	1.2	11
48	GMI effect in amorphous glass covered microwires as a function of the internal induced stresses. , 2006, , .		0