

Ivan Fita

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spin-glass-like properties of $\text{La}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ ensembles. Physical Review B, 2010, 81, .	1.1	68
2	Magnetic, transport, and electron magnetic resonance properties of $\text{La}_{0.82}\text{Ca}_{0.18}\text{MnO}_3$ single crystals. Physical Review B, 2002, 65, .	1.1	67
3	Size effect on the magnetic properties of antiferromagnetic $\text{La}_{0.2}\text{Ca}_{0.8}\text{MnO}_3$. Physical Review B, 2010, 81, .	1.1	61
4	Magnetization and ac susceptibility studies of the magnetic phase separation in $\text{La}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ and $\text{La}_{0.78}\text{Ca}_{0.22}\text{MnO}_3$ single crystals. Physical Review B, 2002, 66, .	1.1	60
5	Surface and exchange-bias effects in compacted CaMnO_3 . Physical Review B, 2008, 77, .	1.1	60
6	Volume expansion contribution to the magnetism of atomically disordered intermetallic alloys. Physical Review B, 2006, 74, .	1.1	59
7	Pressure-tuned spin state and ferromagnetism in $\text{La}_{1-x}\text{M}_x\text{CoO}_3$ (M=Ca,Sr). Physical Review B, 2005, 71, .	1.1	57
8	Size- and pressure-controlled ferromagnetism in LaCoO_3 nanoparticles. Physical Review B, 2008, 77, .	1.1	46
9	Magnetic properties of nanocrystalline $\text{La}_{1-x}\text{MnO}_{3+\delta}$ manganites: size effects. Journal of Physics Condensed Matter, 2007, 19, 346210.	0.7	44
10	Exchange-bias reversal in magnetically compensated ErFeO_3 single crystal. Physical Review B, 2016, 93, .	1.1	42
11	Common exchange-biased spin switching mechanism in orthoferrites. Physical Review B, 2018, 98, .	1.1	37
12	Pressure effects on the magnetic and transport properties of $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ crystals near the percolation threshold. Physical Review B, 2005, 71, .	1.1	36
13	Effect of pressure on magnetic and transport properties of $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ ($x=0\text{--}0.15$): Collapse of ferromagnetic phase in $\text{CaMn}_{0.9}\text{Ru}_{0.1}\text{O}_3$. Physical Review B, 2004, 70, .	1.1	31
14	Reversed exchange-bias effect associated with magnetization reversal in the weak ferrimagnet LuFeO_3 . Physical Review B, 2008, 77, .	1.1	30
15	Magnetic, transport, and electron magnetic resonance properties of $\text{Pr}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ single crystals. Physical Review B, 2003, 68, .	1.1	29
16	Magnetotransport in granular $\text{LaMnO}_{3+\delta}$ manganite with nano-sized particles. Journal Physics D: Applied Physics, 2008, 41, 185001.	1.3	29
17	Exchange Bias Effect in $\text{La}_{0.2}\text{Ca}_{0.8}\text{MnO}_3$ Antiferromagnetic Nanoparticles with Two Ferromagnetic-Like Contributions. Journal of Physical Chemistry C, 2011, 115, 1582-1591.	1.5	27
18	Ferromagnetism and metallicity in $\text{Sm}_{0.2}\text{Ca}_{0.8}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ ($x=0\text{--}0.08$): Interplay between Ru doping and hydrostatic pressure. Physical Review B, 2002, 65, .	1.1	25

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19	Canted spin structure in clusters of the $(\text{La}_{0.7}\text{Ca}_{0.3})_{1-x}\text{Mn}_{1+x}\text{O}_3$ perovskites. Journal of Magnetism and Magnetic Materials, 2002, 246, 40-53.	1.0	25
20	Ferromagnetic state of $\text{La}_{1-x}\text{Mn}_x\text{O}_3$. $\frac{1}{x} < \text{mml:mrow} < \text{mml:msub} < \text{mml:mrow} / > < \text{mml:mrow} < \text{mml:mn} > 1 < / \text{mml:mn} > < \text{mml:mo} > \hat{\wedge} < / \text{mml:mo} > < \text{mml:mi} > x < / \text{mml:mi} > < / \text{mml:mrow} > < / \text{mml:msub} > < / \text{mml:mrow} > < / \text{mml:mrow} >$	1.1	25
21	Effect of pressure on the magnetic and transport properties of the ferrimagnetic semiconductor FeCr_2S_4 . Journal of Applied Physics, 2001, 90, 875-881.	1.1	24
22	Spin switching and unusual exchange bias in the single-crystalline GdCr_3O compensated ferrimagnet. Physical Review B, 2019, 100, .	1.1	23
23	Magnetic, electric and electron magnetic resonance properties of orthorhombic self-doped $\text{La}_{1-x}\text{MnO}_3$ single crystals. Journal of Physics Condensed Matter, 2003, 15, 3985-4000.	0.7	21
24	Instability of magnetism in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Cr}_x\text{O}_3$ ($x=0.015, 0.03$): Competition between pressure and thermal cycling effects. Physical Review B, 2006, 73, .	1.1	20
25	Size-driven magnetic transitions in $\text{La}_{1/3}\text{Ca}_{2/3}\text{MnO}_3$ nanoparticles. Journal of Applied Physics, 2010, 108, .	1.1	18
26	Irreversibility, remanence, and Griffiths phase in $\text{Sm}_{0.1}\text{Ca}_{0.9}\text{MnO}_3$ nanoparticles. Journal of Applied Physics, 2013, 113, .	1.1	18
27	Vacancies at Mn-sites in $\text{LaMn}_{1-x}\text{O}_3$ manganites: Interplay between ferromagnetic interactions and hydrostatic pressure. Journal of Applied Physics, 2004, 95, 7112-7114.	1.1	17
28	Pressure effects on magnetic and transport properties of electron-doped $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x=0.8, 0.9$). Physical Review B, 2005, 71, .	1.1	17
29	Pressure effect on magnetic and structural properties of $\text{La}_{1-x}\text{Mn}_x\text{O}_3$. Physical Review B, 2009, 79, .	1.1	17
30	Magnetotransport properties of ferromagnetic LaMnO_3 nano-sized crystals. Journal of Magnetism and Magnetic Materials, 2010, 322, 1311-1314.	1.0	17
31	Size-dependent spin state and ferromagnetism in $\text{La}_{0.8}\text{Ca}_{0.2}\text{CoO}_3$ nanoparticles. Journal of Applied Physics, 2010, 108, 063907.	1.1	17
32	Pressure-tuned exchange bias and coercivity in Ru-doped CaMnO_3 . Physical Review B, 2013, 88, .	1.1	17
33	Interplay between itinerant and localized states in $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ ($x \approx 1/2, 0.5$) manganites. Physical Review B, 2006, 73, .	1.1	16
34	Competing exchange bias and field-induced ferromagnetism in La-doped BaFe_3O . Physical Review B, 2017, 95, .	1.1	16
35	Magnetic order in ErFe_3O single crystals studied by mean-field theory. Physical Review B, 2019, 99, .	1.1	16
36	The effect of Ni doping on the magnetic and transport properties in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Ni}_x\text{O}_3$ manganites. Journal of Applied Physics, 2009, 106, .	1.1	15

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37	Effect of particle size on magnetic properties of nanoparticles. Superlattices and Microstructures, 2008, 44, 476-482.	1.4	13
38	Particle Size Effects on Charge Ordering and Exchange Bias in Nanosized $\text{Sm}_{0.43}\text{Ca}_{0.57}\text{MnO}_3$. Journal of Physical Chemistry C, 2014, 118, 7721-7729.	1.5	13
39	Magnetic properties of $\text{Sm}_{0.1}\text{Ca}_{0.9}\text{MnO}_3$ nanoparticles. Journal of Applied Physics, 2012, 112, 063921.	1.1	12
40	Exchange bias effect and Griffiths phase coexistence in the disordered cobaltite $\text{Gd}_{1-x}\text{Mn}_x\text{O}_3$. Journal of Applied Physics, 2012, 112, 063921.	1.1	12
41	Insulator-superconductor transition in $\text{NdBa}_2\text{Cu}_3\text{O}_{6.67}$ ceramics under pressure. Physica C: Superconductivity and Its Applications, 1997, 276, 245-250.	0.6	11
42	Nanometer Size Effect on Magnetic Properties of $\text{Sm}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 435-447.	1.5	11
43	Doping dependent magnetism and exchange bias in $\text{CaMn}_{1-x}\text{W}_x\text{O}_3$ manganites. Journal of Applied Physics, 2014, 116, 093903.	1.1	11
44	Temperature-driven spin switching and exchange bias in the ErFeO_3 ferrimagnet. Physical Review B, 2022, 105, .		
45	Pressure-induced oxygen-ordering processes in $\text{GdBa}_{1.5}\text{Sr}_{0.5}\text{Cu}_3\text{O}_{6+x}$. Physica C: Superconductivity and Its Applications, 1996, 267, 313-320.	0.6	10
46	Metastable diamagnetic response of $20\text{nmLa}_{1-x}\text{MnO}_3$ particles. Physical Review B, 2008, 77, .	1.1	10
47	Pressure effect on the magnetic properties of electron-doped $\text{Sm}_{0.1}\text{Ca}_{0.9-y}\text{Sr}_y\text{MnO}_3$ ($y = 0 \leq 0.3$) manganites. Journal of Physics Condensed Matter, 2006, 18, 9201-9214.	0.7	9
48	Size-dependent magnetism and exchange bias effect in $\text{Sm}_{0.27}\text{Ca}_{0.73}\text{MnO}_3$ nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	9
49	Pressure-tuned spin switching in compensated GdCrO_3 ferrimagnet. Physical Review B, 2021, 103, .	1.1	9
50	Pressure-induced exchange bias effect in phase-separated $\text{CaMn}_{0.9}\text{Ru}_{0.1}\text{O}_3$. Journal of Applied Physics, 2012, 111, 113908.	1.1	8
51	Metastable diamagnetism in the manganite $\text{Sm}_{0.1}\text{Ca}_{0.84}\text{Sr}_{0.06}\text{MnO}_3$. Physical Review B, 2006, 74, .	1.1	7
52	Exchange bias training effect in phase separated polycrystalline $\text{Sm}_{0.1}\text{Ca}_{0.7}\text{Sr}_{0.2}\text{MnO}_3$. Materials Chemistry and Physics, 2016, 184, 49-56.	2.0	7
53	Exchange bias driven by the structural/magnetic transition in Mn-doped SrRuO_3 . Ceramics International, 2016, 42, 8453-8459.	2.3	7
54	Magnetic structure of ground state of the $\text{KDy}(\text{WO}_4)_2$ single crystal. Journal of Magnetism and Magnetic Materials, 1999, 195, 119-124.	1.0	6

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55	Glassy Behavior of La _{0.8} Ca _{0.2} MnO ₃ Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2011, 24, 861-865.	0.8	6
56	Pressure effect on Bi _{0.4} Ca _{0.6} Mn _{1-x} Ru _x O ₃ manganite: Enhanced ferromagnetism and collapsed exchange bias. Journal of Applied Physics, 2012, 112, .	1.1	6
57	Evolution of magnetic properties of CaMn _{1-x} Nb _x O ₃ with Nb-doping. Journal Physics D: Applied Physics, 2015, 48, 325003.	1.3	6
58	Pressure effect on magnetism in phase-separated Cr-doped Pr _{0.5} Ca _{0.5} Mn _{1-x} Cr _x O ₃ manganites. Journal of Magnetism and Magnetic Materials, 2007, 316, e636-e639.	1.0	5
59	Pressure-induced suppression of ferromagnetic phase in LaCoO ₃ nanoparticles. Journal of Non-Crystalline Solids, 2008, 354, 5204-5206.	1.5	5
60	Magnetic properties of electron doped Sm _{0.1} Ca _{0.9} â ^y BayMnO ₃ (y=0.02,â€0.06) manganites: Pressure effects on competitive ferromagnetic and antiferromagnetic interactions. Journal of Applied Physics, 2008, 104, 043921.	1.1	5
61	Pressure enhanced ferromagnetism and suppressed exchange bias in La _{0.9} Ba _{0.1} CoO ₃ cobaltite. Journal of Applied Physics, 2013, 114, 153910.	1.1	5
62	Unconventional exchange bias effect driven by phase separation in basically antiferromagnetic Sm _{0.1} Ca _{0.6} Sr _{0.3} MnO ₃ . Journal of Alloys and Compounds, 2015, 622, 213-218.	2.8	4
63	Phase transitions and magnetic properties of LuF ₂ O ₄ under pressure. Physical Review B, 2017, 96, .	1.1	4
64	Nanometer Size Effect on Structural and Magnetic Properties of La _{0.2} Ca _{0.8} MnO ₃ . Journal of Nanoscience and Nanotechnology, 2012, 12, 8607-8612.	0.9	3
65	Pressure-induced decay of the Griffiths phase and accompanying exchange-bias collapse in Gd ₂ O ₃ . Journal of Applied Physics, 2017, 121, 174102.	1.1	3
66	On the magnetic and superconducting properties of Ru _{1-x} Sr ₂ RECu _{2+x} O _{8-d} , RE=Gd, Eu, compounds. Journal of Applied Physics, 2002, 91, 7134.	1.1	2
67	Pressure effects on magnetic and transport properties of La _{0.8} Ca _{0.2} MnO ₃ single crystal. Journal of Magnetism and Magnetic Materials, 2003, 264, 70-74.	1.0	2
68	Magnetic and transport properties of Pr _{0.8} Ca _{0.2} MnO ₃ crystal. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1792-1793.	1.0	2
69	Pressure-induced suppression of ferromagnetic phase and conduction in CaMn _{1-x} Ru _x O ₃ . Journal of Magnetism and Magnetic Materials, 2005, 290-291, 898-901.	1.0	2
70	Doping-Dependent Magnetism and Exchange Bias in CaMn _{1-x} Re _x O ₃ . IEEE Transactions on Magnetics, 2017, 53, 1-5.	1.2	2
71	Exchange bias effect in CaMn _{1-x} Re _x O ₃ . AIP Advances, 2017, 7, 055801.	0.6	2
72	Magnetic and Transport Properties of Ni Doped Pr _{0.5} Ca _{0.5} Mn _{1-x} Ni _x O ₃ . Materials Research Society Symposia Proceedings, 2008, 1118, 2.	0.1	1

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73	Anomalous Magnetic Behavior of Sm _{0.8} Ca _{0.2} MnO ₃ Nanoparticles. Journal of Nanoscience and Nanotechnology, 2012, 12, 8613-8618.	0.9	1
74	Non-equilibrium magnetic properties of Sm _{0.43} Ca _{0.57} MnO ₃ nanoparticles. Journal of Alloys and Compounds, 2014, 602, 204-209.	2.8	1
75	Exchange bias effect in CaMn _{0.9} Nb _{0.1} O ₃ . Materials Chemistry and Physics, 2015, 164, 170-176.	2.0	1
76	Pressure effect on superconducting properties of ReBa _{1.5} Sr _{0.5} Cu ₃ O _{6+x} ceramics. European Physical Journal D, 1996, 46, 1193-1194.	0.4	0
77	<title>Effect of pressure and magnetic field on the phase transitions in lanthanum-deficient manganites</title>. , 2001, 4412, 276.		0