

Andrzej Wisniewski

List of Publications by Year in descending order

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104
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104
docs citations

104
times ranked

1891
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature and Field Dependence of the Anisotropy of MgB ₂ . Physical Review Letters, 2002, 88, 167004.	2.9	275
2	Mixed-state properties of superconducting MgB ₂ single crystals. Physical Review B, 2002, 66, .	1.1	135
3	Anisotropic superconducting properties of single-crystalline FeSe . Physical Review B, 2010, 81, .	1.1	119
4	Spin-glass-like properties of La ensembles. Physical Review B, 2010, 81, .	1.1	88
5	Size effect on the magnetic properties of antiferromagnetic La . Physical Review B, 2010, 81, .	1.1	61
6	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
7	Surface and exchange-bias effects in compacted CaMnO_3 . Physical Review B, 2008, 77, .	1.1	60
8	Growth conditions, structure and superconductivity of pure and metal-doped $\text{FeTe}_{1-x}\text{Se}_x$ single crystals. Superconductor Science and Technology, 2011, 24, 065011.	1.8	58
9	Strong magnetic pair breaking in Mn-substituted MgB ₂ single crystals. Physical Review B, 2006, 73, .	1.1	48
10	Size- and pressure-controlled ferromagnetism in LaCoO_3 nanoparticles. Physical Review B, 2008, 77, .	1.1	46
11	Disorder-induced phase transition of vortex matter in MgB ₂ . Physical Review B, 2003, 67, .	1.1	42
12	Exchange-bias reversal in magnetically compensated ErFe_3O_7 single crystal. Physical Review B, 2016, 93, .	1.1	42
13	Microstructural magnetic phases in superconducting $\text{FeTe}_{0.65}\text{Se}_{0.35}$. Superconductor Science and Technology, 2012, 25, 065019.	1.8	39
14	Common exchange-biased spin switching mechanism in orthoferrites. Physical Review B, 2018, 98, .	1.1	37
15	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
16	Evolution of ferromagnetic order in $\text{LaMnO}_{3.05}$ single crystals: Common origin of both pressure and self-doping effects. Physical Review B, 2003, 68, .	1.1	31
17	Effect of pressure on magnetic and transport properties of $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ ($x=0-0.15$): Collapse of ferromagnetic phase in $\text{CaMn}_{0.9}\text{Ru}_{0.1}\text{O}_3$. Physical Review B, 2004, 70, .	1.1	31
18	Structural and magnetic properties of $\text{La}_{1-x}\text{Pr}_x\text{MnO}_3$ ($0 \leq x \leq 1.0$). Physical Review B, 2006, 74, .	1.1	30

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19	Unusual exchange-bias effect associated with magnetization reversal in the weak ferrimagnet LuF_2O_3 . Physical Review B, 2003, 68, .	1.1	30
20	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
21	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
22	Control of the vortex movement and arrangement by out-of-plane magnetic structures in twinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ bilayer. Applied Physics Letters, 2005, 86, 152501.	1.5	26
23	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
24	Ferromagnetic state of $\text{La}_{1-x}\text{Mn}_x\text{O}_3$ ($x=0.05, 0.1$). Physical Review B, 2002, 65, .	1.1	25
25	Magnetization measurements on LHC superconducting strands. IEEE Transactions on Applied Superconductivity, 1999, 9, 1763-1766.	1.1	24
26	Anisotropic reversible mixed-state properties of superconducting carbon-doped $\text{Mg}(\text{B}_{1-x}\text{C}_x)_2$ single crystals. Physical Review B, 2006, 74, .	1.1	24
27	Spin switching and unusual exchange bias in the single-crystalline compensated ferrimagnet GdCr_2O_7 . Physical Review B, 2019, 100, .	1.1	23
28	Mössbauer studies of powdered single crystals of $\text{FeTe}_{0.5}\text{Se}_{0.5}$. Superconductor Science and Technology, 2011, 24, 105010.	1.8	21
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Pressure-tuned exchange bias and coercivity in Ru-doped CaMnO_3 . Physical Review B, 2013, 88, .	1.1	17

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37	Interplay between itinerant and localized states in $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ ($x \approx 0.5$) manganites. <i>Physical Review B</i> , 2006, 73, .	1.1	16
38	Pressure-induced enhancement of the superconducting properties of single-crystalline $\text{FeTe}_{0.5}\text{Se}_{0.5}$. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 265701.	0.7	16
39	Competing exchange bias and field-induced ferromagnetism in La-doped BaFe_3O_7 . <i>Physical Review B</i> , 2017, 95, .	1.1	16
40	Magnetic order in ErFe_3O_7 single crystals studied by mean-field theory. <i>Physical Review B</i> , 2019, 99, .	1.1	16
41	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. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	15
42	Particle Size Effects on Charge Ordering and Exchange Bias in Nanosized $\text{Sm}_{0.43}\text{Ca}_{0.57}\text{MnO}_3$. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7721-7729.	1.5	13
43	Microstructural and transport properties of superconducting $\text{FeTe}_{0.65}\text{Se}_{0.35}$ crystals. <i>Superconductor Science and Technology</i> , 2017, 30, 015018.	1.8	13
44	Pressure effects on magnetic and structural properties of pure and substituted SrRuO_3 . <i>Physical Review B</i> , 2008, 77, .	1.1	12
45	Magnetic properties of electron-doped $\text{La}_{0.23}\text{Ca}_{0.77}\text{MnO}_3$ nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	12
46	Magnetic properties of $\text{Sm}_{0.1}\text{Ca}_{0.9}\text{MnO}_3$ nanoparticles. <i>Journal of Applied Physics</i> , 2012, 112, 063921.	1.1	12
47	Exchange bias effect and Griffiths phase coexistence in the disordered cobaltite $\text{Gd}_{0.5}\text{MnO}_3$. <i>Physical Review B</i> , 2008, 77, .	1.1	12
48	Nanometer Size Effect on Magnetic Properties of $\text{Sm}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2012, 116, 435-447.	1.5	11
49	Temperature-driven spin switching and exchange bias in the ErFeO_3 ferrimagnet. <i>Physical Review B</i> , 2022, 105, .	1.1	10
50	Magnetostriction study of structural and magnetic transitions in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ($0.1 < x < 0.2$). <i>Journal of Applied Physics</i> , 2000, 87, 3011-3017.	1.1	10
51	Metastable diamagnetic response of $20\text{nm La}_{1-x}\text{MnO}_3$ particles. <i>Physical Review B</i> , 2008, 77, .	1.1	10
52	Evidence for a temperature dependent anisotropy of the superconducting state parameters in underdoped $\text{SmBa}_2\text{MnO}_7$. <i>Physical Review B</i> , 2010, 82, .	1.1	10
53	Magnetic properties of $\text{Bi}_{0.5}\text{Sr}_{0.5}\text{Fe}_x\text{Mn}_{1-x}\text{O}_3$ ($x \approx 0.7$). <i>Journal of Applied Physics</i> , 2008, 103, .	1.1	9
54	Size-dependent magnetism and exchange bias effect in $\text{Sm}_{0.27}\text{Ca}_{0.73}\text{MnO}_3$ nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	9

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55	Conductance spectra of (Nb, Pb, In)/NbP superconductor/Weyl semimetal junctions. Physical Review B, 2020, 101, .	1.1	9
56	Pressure-tuned spin switching in compensated GdCrO_3 ferrimagnet. Physical Review B, 2021, 103, .	1.1	9
57	Lattice distortion effect on structure and on spin ordering of Mn ions in $\text{La}_{1-x}\text{Nd}_x\text{MnO}_3$ manganites. Physical Review B, 2008, 77, .	1.1	8
58	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
59	Mercury superconductors crystal growth under high pressure and high temperature influenced by crucible composition. IEEE Transactions on Applied Superconductivity, 1997, 7, 1903-1906.	1.1	7
60	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
61	Specific heat and magnetic order of $\text{La}_{0.2}\text{Ca}_{0.8}\text{MnO}_3$. Journal of Applied Physics, 2010, 107, 063907.	1.1	7
62	Preparation and superconducting properties of YBCO/LaCaMnO multilayers. European Physical Journal D, 1996, 46, 1355-1356.	0.4	6
63	Glassy Behavior of $\text{La}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2011, 24, 861-865.	0.8	6
64	Pressure effect on $\text{Bi}_{0.4}\text{Ca}_{0.6}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ manganite: Enhanced ferromagnetism and collapsed exchange bias. Journal of Applied Physics, 2012, 112, .	1.1	6
65	Influence of Irradiation-Induced Correlated and Random Disorder on Flux Pinning in Bulk YBCO Melt-Textured Samples. Journal of Superconductivity and Novel Magnetism, 1997, 10, 541-548.	0.5	5
66	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 909-913.	0.6	5
67	Magnetic properties of electron doped $\text{Sm}_{0.1}\text{Ca}_{0.9-y}\text{Ba}_y\text{MnO}_3$ ($y=0.02, 0.06$) manganites: Pressure effects on competitive ferromagnetic and antiferromagnetic interactions. Journal of Applied Physics, 2008, 104, 043921.	1.1	5
68	Pressure enhanced ferromagnetism and suppressed exchange bias in $\text{La}_{0.9}\text{Ba}_{0.1}\text{CoO}_3$ cobaltite. Journal of Applied Physics, 2013, 114, 153910.	1.1	5
69	Stabilization of antiferromagnetic phase under hydrostatic pressure in layered perovskite cobaltites $\text{Nd}_{1-x}\text{Ca}_x\text{BaCo}_2\text{O}_{5.5}$ ($x \in [0, 0.06]$). Journal of Applied Physics, 2014, 116, 013903.	1.1	5
70	Anisotropy of the magnetic properties of the $\text{FeTe}_{0.65}\text{Se}_{0.35}$ superconductor. Low Temperature Physics, 2015, 41, 897-900.	0.2	5
71	Magnetization and Chromium Ions with Minority Valence in CdCr_2S_4 and HgCr_2Se_4 Magnetic Semiconductors. Physica Status Solidi (B): Basic Research, 1990, 158, K63.	0.7	4
72	Flux pinning in $\text{HgBa}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+x}$ single crystals. European Physical Journal D, 1996, 46, 1649-1650.	0.4	4

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73	Relation between oxygen hopping activation energy and unit-cell volume for strongly underdoped $\text{RBa}_2\text{Cu}_3\text{O}_x$ ($R=\text{Y}, \text{Nd}, \text{La}$). <i>Physical Review B</i> , 2002, 66, .	1.1	4
74	Phase transitions and magnetic properties of $\text{LuF}_2\text{e}_2\text{O}_4$ under pressure. <i>Physical Review B</i> , 2017, 96, .	1.1	4
75	Influence of Hydrostatic Pressure on Magnetic Properties of $(\text{Sr}, \text{La})(\text{Ru}, \text{Cr}, \text{Mn})\text{O}_3$. <i>Acta Physica Polonica A</i> , 2007, 111, 159-163.	0.2	4
76	Title is missing!. <i>Journal of Low Temperature Physics</i> , 1999, 117, 735-739.	0.6	3
77	Comment on MgB_2 Superconducting anisotropy and evidence for intrinsic pinning in single crystalline MgB_2 . <i>Physical Review B</i> , 2004, 70, .	1.1	3
78	Impact of charge doping, oxygen disorder and hydrostatic pressure on thermoelectric and magnetic properties of $\text{NdBa}_{0.94}\text{La}_{0.06}\text{Co}_2\text{O}_{5+\delta}$. <i>Journal of Alloys and Compounds</i> , 2015, 645, 223-229.	2.8	3
79	The effect of sorption of air and hydrogen components on the structural characteristics of superconducting $\text{FeTe}_{0.65}\text{Se}_{0.35}$ single crystals. <i>Low Temperature Physics</i> , 2020, 46, 181-186.	0.2	3
80	Pressure-induced decay of the Griffiths phase and accompanying exchange-bias collapse in GdCo_2S_2 . <i>Physical Review B</i> , 2017, 96, .	1.1	3
81	Structure and Superconductivity of $\text{FeSe}_{1-x}\text{Te}_x$ and $\text{FeTe}_{1-y}\text{Se}_y$ Crystals: Dependence on the Synthesis Methods, Starting Composition, and Growth Conditions. <i>Acta Physica Polonica A</i> , 2010, 118, 331-335.	0.2	3
82	Effect of Pb addition on microstructure, transport properties, and the critical current density in a polycrystalline $\text{FeSe}_{0.5}\text{Te}_{0.5}$. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, .	1.1	3
83	Title is missing!. <i>Journal of Superconductivity and Novel Magnetism</i> , 2000, 13, 877-881.	0.5	2
84	Evolution of lattice parameters during oxygen disordering for underdoped $\text{NdBa}_2\text{Cu}_3\text{O}_{6.67}$ exhibiting pressure-induced superconductivity. <i>Physical Review B</i> , 2000, 62, 9791-9799.	1.1	2
85	Magneto-optical analysis of the local magnetic field distribution across superconducting/magnetic bilayers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 1644-1649.	0.8	2
86	Doping-Dependent Magnetism and Exchange Bias in CaMnReO_3 . <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-5.	1.2	2
87	Exchange bias effect in CaMnReO_3 . <i>AIP Advances</i> , 2017, 7, 055801.	0.6	2
88	Influence of Pressure on Magnetic Properties of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_{3-\delta}$ ($x=0.5, 0.67, 1$). <i>Acta Physica Polonica A</i> , 2006, 109, 527-532.	0.2	2
89	Different flux pinning regimes in $\text{YBa}_2\text{Cu}_4\text{O}_8$ single crystals. <i>European Physical Journal D</i> , 1996, 46, 1651-1652.	0.4	1
90	Exchange bias effect in $\text{CaMn}_{0.9}\text{Nb}_{0.1}\text{O}_3$. <i>Materials Chemistry and Physics</i> , 2015, 164, 170-176.	2.0	1

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91	Dynamics of trapped magnetic flux in superconducting FeTe _{0.65} Se _{0.35} . Low Temperature Physics, 2017, 43, 1181-1184.	0.2	1
92	Enhancement of superconducting state properties of Fe _{0.994} Ni _{0.007} Te _{0.66} Se _{0.34} single crystal with increasing pressure: a correlation with pressure-induced crystallinity degradation. Superconductor Science and Technology, 2020, 33, 045004.	1.8	1
93	Critical Current Limitations and Irradiation Effects in High-Temperature. Acta Physica Polonica A, 1993, 84, 139-164.	0.2	1
94	Magnetic properties of (Nd,Ca)(Ba,La)Co ₂ O ₅ + δ tuned by the site-selected charge doping, oxygen disorder, and hydrostatic pressure. Physical Review Materials, 2017, 1, .	0.9	1
95	Topological Lifshitz transition in Weyl semimetal NbP decorated with heavy elements. Physical Review B, 2022, 105, .	1.1	1
96	Linear Chain Antiferromagnetism in $\text{NiC}_2\text{O}_4 \cdot 2\text{D}_2\text{O}$. Physica Status Solidi (B): Basic Research, 1990, 161, K99.	0.7	0
97	Pinning induced magnetostriction in superconductive MgB ₂ ceramics. Physica Status Solidi A, 2003, 196, 82-85.	1.7	0
98	Equilibrium behavior and critical current density in polycrystalline MgB ₂ . IEEE Transactions on Applied Superconductivity, 2003, 13, 3510-3513.	1.1	0
99	Magnetic and transport properties of Bi _{0.5} Sr _{0.5} Fe _x Mn _{1-x} O ₃ . AIP Conference Proceedings, 2007, , .	0.3	0
100	Local microscopic properties and annealing effect of Rb _{0.85} Fe _{1.9} Se ₂ single crystals. Journal of Physics Condensed Matter, 2017, 29, 145604.	0.7	0
101	Enhancement of the pinning potential in a single-crystal superconductor FeTe _{0.65} Se _{0.35} under the influence of hydrogen sorption. Low Temperature Physics, 2021, 47, 830-833.	0.2	0
102	Comparison of Flux Pinning in Single Crystals and Melt-Textured YBa ₂ Cu ₃ O _{7-x} . Acta Physica Polonica A, 2000, 97, 373-376.	0.2	0
103	Magneto-Optics of Spontaneous and Field Induced Vortices in Twinned YBa ₂ Cu ₃ O ₇ /La _{1-x} Sr _x MnO ₃ Bilayers. Acta Physica Polonica A, 2007, 111, 47-55.	0.2	0
104	The Impact of Hydrogenation on Structural and Superconducting Properties of FeTe _{0.65} Se _{0.35} Single Crystals. Materials, 2021, 14, 7900.	1.3	0