

# Andrzej Wisniewski

## List of Publications by Year in descending order

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104  
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257101

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docs citations

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times ranked

1891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-driven spin switching and exchange bias in the $\text{ErFeO}_3$ ferrimagnet. Physical Review B, 2022, 105, .		
2	Effect of Pb addition on microstructure, transport properties, and the critical current density in a polycrystalline $\text{FeSe}_{0.5}\text{Te}_{0.5}$ . Applied Physics A: Materials Science and Processing, 2022, 128, .	1.1	3
3	Topological Lifshitz transition in Weyl semimetal NbP decorated with heavy elements. Physical Review B, 2022, 105, .	1.1	1
4	Pressure-tuned spin switching in compensated $\text{GdCrO}_3$ ferrimagnet. Physical Review B, 2021, 103, .	1.1	9
5	Enhancement of the pinning potential in a single-crystal superconductor $\text{FeTe}_{0.65}\text{Se}_{0.35}$ under the influence of hydrogen sorption. Low Temperature Physics, 2021, 47, 830-833.	0.2	0
6	The Impact of Hydrogenation on Structural and Superconducting Properties of $\text{FeTe}_{0.65}\text{Se}_{0.35}$ Single Crystals. Materials, 2021, 14, 7900.	1.3	0
7	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. Low Temperature Physics, 2020, 46, 181-186.	0.2	3
8	Pressure-induced decay of the Griffiths phase and accompanying exchange-bias collapse in $\text{GdCrO}_3$ compensated ferrimagnet. Physical Review B, 2020, 101, .	1.1	3
9	Conductance spectra of (Nb, Pb, In)/NbP superconductor/Weyl semimetal junctions. Physical Review B, 2020, 101, .	1.1	9
10	Enhancement of superconducting state properties of $\text{Fe}_{0.994}\text{Ni}_{0.007}\text{Te}_{0.66}\text{Se}_{0.34}$ single crystal with increasing pressure: a correlation with pressure-induced crystallinity degradation. Superconductor Science and Technology, 2020, 33, 045004.	1.8	1
11	Spin switching and unusual exchange bias in the single-crystalline $\text{GdCrO}_3$ compensated ferrimagnet. Physical Review B, 2019, 100, .	1.1	23
12	Magnetic order in $\text{ErFeO}_3$ single crystals studied by mean-field theory. Physical Review B, 2019, 99, the weak ferrimagnet	1.1	16
13	Exchange bias effect and Griffiths phase coexistence in the disordered cobaltite $\text{LuFeO}_3$	1.1	30
14	Exchange bias effect and Griffiths phase coexistence in the disordered cobaltite $\text{GdCrO}_3$	1.1	12
15	Common exchange-biased spin switching mechanism in orthoferrites. Physical Review B, 2018, 98, .	1.1	37
16	Local microscopic properties and annealing effect of $\text{Rb}_{0.85}\text{Fe}_{1.9}\text{Se}_2$ single crystals. Journal of Physics Condensed Matter, 2017, 29, 145604.	0.7	0
17	Doping-Dependent Magnetism and Exchange Bias in $\text{CaMn}^{2+}\text{Re}^{3+}\text{O}_3$ . IEEE Transactions on Magnetics, 2017, 53, 1-5.	1.2	2
18	Exchange bias effect in $\text{CaMn}^{2+}\text{Re}^{3+}\text{O}_3$ . AIP Advances, 2017, 7, 055801.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Phase transitions and magnetic properties of $\text{LuF}_2\text{O}_4$ . Physical Review B, 2017, 95, .	1.1	4
20	Competing exchange bias and field-induced ferromagnetism in La-doped $\text{BaFe}_3\text{O}_{10}$ . Physical Review B, 2017, 95, .	1.1	16
21	Microstructural and transport properties of superconducting $\text{FeTe}_{0.65}\text{Se}_{0.35}$ crystals. Superconductor Science and Technology, 2017, 30, 015018.	1.8	13
22	Dynamics of trapped magnetic flux in superconducting $\text{FeTe}_{0.65}\text{Se}_{0.35}$ . Low Temperature Physics, 2017, 43, 1181-1184.	0.2	1
23	Magnetic properties of $(\text{Nd,Ca})(\text{Ba,Lu})\text{Co}_2\text{O}_5$ tuned by the site-selected charge doping, oxygen disorder, and hydrostatic pressure. Physical Review Materials, 2017, 1, .	0.9	1
24	Exchange-bias reversal in magnetically compensated $\text{ErFe}_3\text{O}_7$ single crystal. Physical Review B, 2016, 93, .	1.1	42
25	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
26	Impact of charge doping, oxygen disorder and hydrostatic pressure on thermoelectric and magnetic properties of $\text{NdBa}_{0.94}\text{La}_{0.06}\text{Co}_2\text{O}_5$ . Journal of Alloys and Compounds, 2015, 645, 223-229.	2.8	3
27	Exchange bias effect in $\text{CaMn}_{0.9}\text{Nb}_{0.1}\text{O}_3$ . Materials Chemistry and Physics, 2015, 164, 170-176.	2.0	1
28	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
29	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
30	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
31	Pressure-tuned exchange bias and coercivity in Ru-doped $\text{CaMnO}_3$ . Physical Review B, 2013, 88, .	1.1	17
32	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
33	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
34	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
35	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
36	Magnetic properties of electron-doped $\text{La}_{0.23}\text{Ca}_{0.77}\text{MnO}_3$ nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	12

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37	Magnetic properties of Sm <sub>0.1</sub> Ca <sub>0.9</sub> MnO <sub>3</sub> nanoparticles. Journal of Applied Physics, 2012, 112, 063921.	1.1	12
38	Microstructural magnetic phases in superconducting FeTe <sub>0.65</sub> Se <sub>0.35</sub> . Superconductor Science and Technology, 2012, 25, 065019.	1.8	39
39	Nanometer Size Effect on Magnetic Properties of Sm <sub>0.8</sub> Ca <sub>0.2</sub> MnO <sub>3</sub> Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 435-447.	1.5	11
40	Pressure-induced enhancement of the superconducting properties of single-crystalline FeTe <sub>0.5</sub> Se <sub>0.5</sub> . Journal of Physics Condensed Matter, 2012, 24, 265701.	0.7	16
41	Exchange Bias Effect in La <sub>0.2</sub> Ca <sub>0.8</sub> MnO <sub>3</sub> Antiferromagnetic Nanoparticles with Two Ferromagnetic-Like Contributions. Journal of Physical Chemistry C, 2011, 115, 1582-1591	1.5	27
42	Ferromagnetic state of La <sub>1-x</sub> MnO <sub>3</sub> nanoparticles. Journal of Applied Physics, 2011, 110, 083701.	1.1	25
43	Growth conditions, structure and superconductivity of pure and metal-doped FeTe <sub>1-x</sub> CoO <sub>x</sub> single crystals. Superconductor Science and Technology, 2011, 24, 065011.	1.8	58
44	Glassy Behavior of La <sub>0.8</sub> Ca <sub>0.2</sub> MnO <sub>3</sub> Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2011, 24, 861-865.	0.8	6
45	Mössbauer studies of powdered single crystals of FeTe <sub>0.5</sub> Se <sub>0.5</sub> . Superconductor Science and Technology, 2011, 24, 105010.	1.8	21
46	Spin-glass-like properties of La <sub>1-x</sub> MnO <sub>3</sub> ensembles. Physical Review B, 2010, 81, .	1.1	98
47	Size-dependent spin state and ferromagnetism in La <sub>0.8</sub> Ca <sub>0.2</sub> CoO <sub>3</sub> nanoparticles. Journal of Applied Physics, 2010, 108, 063907.	1.1	17
48	Anisotropic superconducting properties of single-crystalline FeSe <sub>1-x</sub> Te <sub>x</sub> . Physical Review B, 2010, 81, .	1.1	119
49	Evidence for a temperature dependent anisotropy of the superconducting state parameters in underdoped SmBa <sub>2</sub> T <sub>3</sub> . Physical Review B, 2010, 82, .	1.1	10
50	Size effect on the magnetic properties of antiferromagnetic La <sub>1-x</sub> MnO <sub>3</sub> . Physical Review B, 2010, 81, .	1.1	61
51	Specific heat and magnetic order of La <sub>0.2</sub> Ca <sub>0.8</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2010, 107, 063907.	1.1	7
52	Size-driven magnetic transitions in La <sub>1/3</sub> Ca <sub>2/3</sub> MnO <sub>3</sub> nanoparticles. Journal of Applied Physics, 2010, 108, .	1.1	18
53	Structure and Superconductivity of FeSe <sub>1-y</sub> Te <sub>y</sub> and FeTe <sub>1-y</sub> Se <sub>y</sub> Crystals: Dependence on the Synthesis Methods, Starting Composition, and Growth Conditions. Acta Physica Polonica A, 2010, 118, 331-335.	0.2	3
54	Pressure effect on magnetic and structural properties of La <sub>1-x</sub> MnO <sub>3</sub> . Physical Review B, 2009, 79, .	1.1	17

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55	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
56	Pressure effects on magnetic and structural properties of pure and substituted $\text{SrRuO}_3$ . Physical Review B, 2008, 77, .	1.1	12
57	Surface and exchange-bias effects in compacted $\text{CaMnO}_3$ . Physical Review B, 2008, 77, .	1.1	60
58	Size- and pressure-controlled ferromagnetism in $\text{LaCoO}_3$ nanoparticles. Physical Review B, 2008, 77, .	1.1	46
59	Magnetic properties of $\text{Bi}_{0.5}\text{Sr}_{0.5}\text{Fe}_x\text{Mn}_{1-x}\text{O}_3$ ( $x=0.5, 0.7$ ). Journal of Applied Physics, 2008, 103, .	1.1	9
60	Metastable diamagnetic response of $20\text{nm}$ $\text{LaMnO}_3$ particles. Physical Review B, 2008, 77, .	1.1	10
61	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
62	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
63	Magnetic and transport properties of $\text{Bi}_{0.5}\text{Sr}_{0.5}\text{Fe}_x\text{Mn}_{1-x}\text{O}_3$ . AIP Conference Proceedings, 2007, , .	0.3	0
64	Influence of Hydrostatic Pressure on Magnetic Properties of $(\text{Sr,Lu})(\text{Ru,Cr,Mn})\text{O}_3$ . Acta Physica Polonica A, 2007, 111, 159-163.	0.2	4
65	Magneto-Optics of Spontaneous and Field Induced Vortices in Twinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}/\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ Bilayers. Acta Physica Polonica A, 2007, 111, 47-55.	0.2	0
66	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
67	Structural and magnetic properties of $\text{La}_{1-x}\text{Pr}_x\text{MnO}_3$ ( $x=0.5, 1.0$ ). Physical Review B, 2006, 74, .	1.1	30
68	Interplay between itinerant and localized states in $\text{CaMn}_{1-x}\text{Ru}_x\text{O}_3$ ( $x=0.5$ ) manganites. Physical Review B, 2006, 73, .	1.1	16
69	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
70	Strong magnetic pair breaking in Mn-substituted $\text{MgB}_2$ single crystals. Physical Review B, 2006, 73, .	1.1	48
71	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
72	Influence of Pressure on Magnetic Properties of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ ( $x=0.5, 0.67, 1$ ). Acta Physica Polonica A, 2006, 109, 527-532.	0.2	2

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73	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
74	Pressure effects on magnetic and transport properties of electron-doped $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ( $x=0.8, 0.9$ ). <i>Physical Review B</i> , 2005, 71, .	1.1	17
75	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. <i>Applied Physics Letters</i> , 2005, 86, 152501.	1.5	26
76	Pressure effects on the magnetic and transport properties of $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ crystals near the percolation threshold. <i>Physical Review B</i> , 2005, 71, .	1.1	36
77	Comment on "Superconducting anisotropy and evidence for intrinsic pinning in single crystalline $\text{MgB}_2$ ". <i>Physical Review B</i> , 2004, 70, .	1.1	3
78	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 $\text{CaMn}_{0.9}\text{Ru}_{0.1}\text{O}_3$ . <i>Physical Review B</i> , 2004, 70, .	1.1	31
79	Vacancies at Mn-sites in $\text{LaMn}_{1-x}\text{O}_3$ manganites: Interplay between ferromagnetic interactions and hydrostatic pressure. <i>Journal of Applied Physics</i> , 2004, 95, 7112-7114.	1.1	17
80	Pinning induced magnetostriction in superconductive $\text{MgB}_2$ ceramics. <i>Physica Status Solidi A</i> , 2003, 196, 82-85.	1.7	0
81	Equilibrium behavior and critical current density in polycrystalline $\text{MgB}_2$ . <i>IEEE Transactions on Applied Superconductivity</i> , 2003, 13, 3510-3513.	1.1	0
82	Magnetic, transport, and electron magnetic resonance properties of $\text{Pr}_{0.8}\text{Ca}_{0.2}\text{MnO}_3$ single crystals. <i>Physical Review B</i> , 2003, 68, .	1.1	29
83	Disorder-induced phase transition of vortex matter in $\text{MgB}_2$ . <i>Physical Review B</i> , 2003, 67, .	1.1	42
84	Evolution of ferromagnetic order in $\text{LaMnO}_{3.05}$ single crystals: Common origin of both pressure and self-doping effects. <i>Physical Review B</i> , 2003, 68, .	1.1	31
85	Ferromagnetism and metallicity in $\text{Sm}_{0.2}\text{Ca}_{0.8}\text{Mn}_{1-x}\text{Ru}_x\text{O}_3$ ( $x=0-0.08$ ): Interplay between Ru doping and hydrostatic pressure. <i>Physical Review B</i> , 2002, 65, .	1.1	25
86	Temperature and Field Dependence of the Anisotropy of $\text{MgB}_2$ . <i>Physical Review Letters</i> , 2002, 88, 167004.	2.9	275
87	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
88	Mixed-state properties of superconducting $\text{MgB}_2$ single crystals. <i>Physical Review B</i> , 2002, 66, .	1.1	135
89	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. <i>Physical Review B</i> , 2002, 66, .	1.1	60
90	Title is missing!. <i>Journal of Superconductivity and Novel Magnetism</i> , 2000, 13, 877-881.	0.5	2

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91	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
92	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
93	Comparison of Flux Pinning in Single Crystals and Melt-Textured $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Acta Physica Polonica A</i> , 2000, 97, 373-376.	0.2	0
94	Magnetization measurements on LHC superconducting strands. <i>IEEE Transactions on Applied Superconductivity</i> , 1999, 9, 1763-1766.	1.1	24
95	Title is missing!. <i>Journal of Low Temperature Physics</i> , 1999, 117, 909-913.	0.6	5
96	Title is missing!. <i>Journal of Low Temperature Physics</i> , 1999, 117, 735-739.	0.6	3
97	Mercury superconductors crystal growth under high pressure and high temperature influenced by crucible composition. <i>IEEE Transactions on Applied Superconductivity</i> , 1997, 7, 1903-1906.	1.1	7
98	Influence of Irradiation-Induced Correlated and Random Disorder on Flux Pinning in Bulk YBCO Melt-Textured Samples. <i>Journal of Superconductivity and Novel Magnetism</i> , 1997, 10, 541-548.	0.5	5
99	Preparation and superconducting properties of YBCO/LaCaMnO multilayers. <i>European Physical Journal D</i> , 1996, 46, 1355-1356.	0.4	6
100	Flux pinning in $\text{HgBa}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+x}$ single crystals. <i>European Physical Journal D</i> , 1996, 46, 1649-1650.	0.4	4
101	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
102	Critical Current Limitations and Irradiation Effects in High-Temperature. <i>Acta Physica Polonica A</i> , 1993, 84, 139-164.	0.2	1
103	Magnetization and Chromium Ions with Minority Valence in $\text{CdCr}_2\text{S}_4$ and $\text{HgCr}_2\text{Se}_4$ Magnetic Semiconductors. <i>Physica Status Solidi (B): Basic Research</i> , 1990, 158, K63.	0.7	4
104	Linear Chain Antiferromagnetism in $\text{NiC}_2\text{O}_4 \cdot 2\text{D}_2\text{O}$ . <i>Physica Status Solidi (B): Basic Research</i> , 1990, 161, K99.	0.7	0