

Ewa Jedryka

List of Publications by Year in descending order

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83
papers

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citations

279798

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84
docs citations

84
times ranked

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#	ARTICLE	IF	CITATIONS
1	Highly ordered carbon penetration into the Mn_5Ge_3 lattice: A superstructure in Mn_5Ge_3 Physical Review B, 2022, 105, .	3.2	1
2	Selective modification of the unquenched orbital moment of manganese introduced by carbon dopant in epitaxial $\text{Mn}_5\text{Ge}_3\text{CO}_2/\text{Ge}(111)$ films. Physical Review B, 2020, 101, .	3.2	8
3	Hyperfine fields and anisotropy of the orbital moment in epitaxial Mn_5Ge_3 films studied by ^{55}Mn NMR. Physical Review B, 2018, 97, .	3.2	5
4	Ferromagnetic resonance in Mn_5Ge_3 epitaxial films with weak stripe domain structure. Journal Physics D: Applied Physics, 2017, 50, 125001.	2.8	9
5	Strain-Driven Orbital and Magnetic Orders and Phase Separation in Epitaxial Half-Doped Manganite Films for Tunneling Devices. Physical Review Applied, 2016, 6, .	3.8	29
6	Interface and Bulk Charge Localization in Manganite Thin Films. Advanced Materials Interfaces, 2014, 1, 1400079.	3.7	2
7	Improving the Magnetic Properties of Co/CoO Systems by Designed Oxygen Implantation Profiles. ACS Applied Materials & Interfaces, 2013, 5, 4330-4337.	8.0	22
8	^{59}Co NMR experiment as a probe of electron doping in Co/FeAl tunneling junctions. Physical Review B, 2010, 81, .	3.2	21
9	Coherent tunneling and giant tunneling magnetoresistance in Co/FeAl tunneling junctions. Physical Review B, 2010, 81, .	3.2	139
10	Highly spin-polarized materials and devices for spintronics. Science and Technology of Advanced Materials, 2008, 9, 014101.	6.1	277
11	Site disorder in Co/FeAl alloys and its influence on junction tunnel magnetoresistance. Physical Review B, 2008, 77, .	6.1	64
12	Effects of SrTiO_3 capping in $\text{La}_2\text{Ca}_3\text{MnO}_3$ electrodes of different orientations. Journal of Applied Physics, 2008, 103, 07E302.	2.5	5
13	Elastic and orbital effects on thickness-dependent properties of manganite thin films. Physical Review B, 2007, 76, .	3.2	93
14	Structural and magnetic properties and tunnel magnetoresistance for $\text{Co}_2(\text{Cr,Fe})\text{Al}$ and Co_2FeSi full-Heusler alloys. Journal Physics D: Applied Physics, 2006, 39, 816-823.	2.8	165
15	^{59}Co NMR study of nanocrystallization process in Co-rich HITPERM alloy. Journal of Magnetism and Magnetic Materials, 2006, 304, e712-e714.	2.3	5
16	Electronic phase separation in epitaxial $\text{La}_2\text{Ca}_3\text{MnO}_3$ films on (001) and (110) SrTiO_3 substrates. Journal of Applied Physics, 2006, 99, 08A701.	2.5	15
17	Magnetic properties of nanocrystalline HITPERM alloys studied by ^{59}Co NMR. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1431-1433.	2.3	3
18	Ferromagnetic coupling strength and electron-doping effects in double perovskites. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 974-980.	2.3	8

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19	Electronic self-doping of Mo states in $A_2\text{FeMoO}_6$ ($A=\text{Ca, Sr, and Ba}$) half-metallic ferromagnets: A nuclear magnetic resonance study. <i>Physical Review B</i> , 2005, 71, .	3.2	13
20	Ferromagnetic Coupling Strength and Electron-Doping Effects in Double Perovskites. <i>ChemInform</i> , 2005, 36, no.	0.0	0
21	Nanocrystallization of FeCoZrB alloys studied by ^{59}Co nuclear magnetic resonance. <i>Applied Physics Letters</i> , 2004, 85, 2884-2886.	3.3	7
22	Ferromagnetic coupling in $\text{Nd}_x\text{Ca}_{2-x}\text{FeMoO}_6$ double perovskites: Dominant band-filling effects. <i>Physical Review B</i> , 2004, 70, .	3.2	35
23	NMR evidence for selective enhancement of Mo magnetic moment by electron doping in $\text{Sr}_{2-x}\text{La}_x\text{FeMoO}_6$. <i>Physical Review B</i> , 2004, 69, .	3.2	39
24	Heat-induced nanocluster formation in codeposited $\text{Ag}_{1-x}\text{Co}_x$ thin films: Nuclear magnetic resonance study. <i>Journal of Applied Physics</i> , 2004, 95, 2770-2775.	2.5	14
25	Mo ⁴⁺ Fe antisite defects in $\text{Sr}_2\text{FeMoO}_6$ studied by NMR. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1834-1835.	2.3	6
26	Surface-induced phase separation in manganites: A microscopic origin for powder magnetoresistance. <i>Applied Physics Letters</i> , 2003, 82, 928-930.	3.3	57
27	Very low chemical disorder in epitaxial NiMnSb films on GaAs(111)B. <i>Applied Physics Letters</i> , 2003, 83, 4214-4216.	3.3	40
28	Role of stacking faults in the structural and magnetic properties of ball-milled cobalt. <i>Physical Review B</i> , 2003, 68, .	3.2	56
29	Charge localization in nanometric $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ thin films grown on nearly matching substrates. <i>Journal of Applied Physics</i> , 2003, 93, 8065-8067.	2.5	5
30	Effect of deposition sequence on interface intermixing in Cu/Co/Ru and Ru/Co/Cu multilayers studied by NMR. <i>Journal of Applied Physics</i> , 2002, 91, 7191.	2.5	8
31	Charge trapping in optimally doped epitaxial manganite thin films. <i>Physical Review B</i> , 2002, 66, .	3.2	150
32	NMR evidence for MnSb environments within epitaxial NiMnSb films grown on GaAs(001). <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 414-416.	2.3	16
33	Magnetoresistive oxides: new developments and applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 98-104.	2.3	18
34	Thickness dependence of surface roughness and transport properties of $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ epitaxial thin films. <i>Journal of Applied Physics</i> , 2001, 89, 6686-6688.	2.5	25
35	Nanoscale Multiphase Separation at $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{SrTiO}_3$ Interfaces. <i>Physical Review Letters</i> , 2001, 87, 067210.	7.8	233
36	Phase Separation at Interfaces in $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ Thin Films. <i>Materials Research Society Symposia Proceedings</i> , 2001, 690, F4.1.1.	0.1	0

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37	Inhomogeneous electronic properties of epitaxial La ₂ /3Ca ₁ /3MnO ₃ thin films. Thin Solid Films, 2001, 400, 85-89.	1.8	1
38	Microscopic magnetism in MnAs/GaAs heterostructures studied by NMR. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1588-1590.	2.3	2
39	Structural study of nanometric electrodeposited Co films using ⁵⁹ Co NMR. Journal of Applied Physics, 2001, 89, 7083-7085.	2.5	15
40	Formation of a Co nanostructure revealed by ⁵⁹ Co nuclear magnetic resonance measurements in Co/Au multilayers. Physical Review B, 2000, 63, .	3.2	12
41	Inhomogeneous structure and magnetic properties of granular Co ₁₀ Cu ₉₀ alloys. Physical Review B, 2000, 63, .	3.2	51
42	Structural Studies of Co/Cu and Co/Ru Interfaces Using ⁵⁹ Co NMR Method. Acta Physica Polonica A, 2000, 97, 551-554.	0.5	3
43	Significant modification of ⁵⁹ Co hyperfine fields assigned to specific structural changes in sputtered Co/Au and Co/Cu multilayers. Physical Review B, 1999, 59, 8812-8820.	3.2	10
44	Investigation of ion beam deposited spin valve interface structure by ⁵⁹ Co nuclear magnetic resonance. Journal of Applied Physics, 1999, 85, 4439-4441.	2.5	4
45	Identification of magnetic phases in granular Co ₁₀ Cu ₉₀ alloy using NMR method. Journal of Magnetism and Magnetic Materials, 1999, 198-199, 599-601.	2.3	25
46	Discontinuous Co layer in Co/Cu multilayers at the first antiferromagnetic maximum. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1183-1185.	2.3	4
47	The anisotropic first-neighbour contribution to the hyperfine field in hexagonal-close-packed Co: a nuclear magnetic resonance study of diluted alloys and multilayers. Journal of Physics Condensed Matter, 1998, 10, 4919-4928.	1.8	18
48	Structure of Co layers in Co/Cu multilayers at the first antiferromagnetic maximum studied by nuclear magnetic resonance. Journal of Applied Physics, 1997, 81, 4776-4778.	2.5	9
49	Magnetic Properties and Structure of Metallic Multilayers Investigated by NMR. Materials Research Society Symposia Proceedings, 1997, 475, 157.	0.1	16
50	NMR as a Tool in Structural Studies of Modern Magnetic Materials. , 1997, , 253-258.		0
51	Structural study by NMR in Co/Cu multilayers at second antiferromagnetic maximum. Journal of Magnetism and Magnetic Materials, 1997, 165, 292-296.	2.3	23
52	New phases and chemical short range order in co-deposited CoFe thin films with bcc structure: an NMR study. Zeitschrift für Physik B-Condensed Matter, 1997, 103, 5-12.	1.1	31
53	On the stability of bcc Co in Co/Fe superlattices an NMR and XRD study. Zeitschrift für Physik B-Condensed Matter, 1997, 101, 329-337.	1.1	28
54	NMR analysis of buried metallic interfaces. Hyperfine Interactions, 1996, 97-98, 75-98.	0.5	59

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55	Structural studies in Co/Zr multilayers using NMR. Journal of Magnetism and Magnetic Materials, 1996, 156, 38-40.	2.3	5
56	NMR study in amorphous CoZr thin film alloys. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 220-222.	2.3	9
57	Structure des multicouches magnétiques et de leurs interfaces vue par RMN. European Physical Journal Special Topics, 1996, 06, C7-89-C7-106.	0.2	0
58	Nmr Studies of Bulk and Interface Structure in Co Based Multilayers. Materials Research Society Symposia Proceedings, 1995, 384, 61.	0.1	9
59	Mössbauer spectroscopy investigation of body centered cubic Co in Co/Fe superlattices prepared with MBE. Hyperfine Interactions, 1995, 95, 191-198.	0.5	10
60	Automated pulsed NMR spectrometer for modern magnetic materials. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 2187-2188.	2.3	28
61	Mössbauer study of a nanocrystalline Fe-Cr-based metallic glass. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 451-452.	2.3	6
62	Nanocrystallized Fe-Based Metglasses Investigated by Mössbauer Spectrometry. Materials Science Forum, 1995, 179-181, 545-550.	0.3	10
63	Impurity hyperfine fields in metastable body centered cubic Co. Journal of Applied Physics, 1994, 76, 6428-6430.	2.5	1
64	Structure and magnetism in bcc Co/Fe superlattices. Journal of Magnetism and Magnetic Materials, 1993, 126, 12-15.	2.3	22
65	Epitaxial growth of bcc Co/Fe superlattices. Journal of Magnetism and Magnetic Materials, 1993, 121, 69-72.	2.3	31
66	Satellite structure of ^{59}Co NMR spectra in some Co alloys. Journal of Physics Condensed Matter, 1993, 5, 1547-1556.	1.8	52
67	Epilayer-Induced Structural Transition to b.c.c. Co during Epitaxial Growth of Co/Fe Superlattices. Europhysics Letters, 1993, 22, 433-438.	2.0	44
68	Two magnetic states of Nd in $\text{Nd}_2(\text{CoFe})_{14}\text{B}$ ^{145}Nd NMR study. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1405-1406.	2.3	7
69	Spin arrangements in $(\text{Nd}_{1-x}\text{Y}_x)_2\text{Co}_{14}\text{B}$ studied by NMR. Journal of Applied Physics, 1991, 69, 6043-6045.	2.5	5
70	Domain Wall NMR in Anisotropic Ferromagnets Application to the System $\text{Re}-(\text{CoFe})_2\text{B}$, 1991, , 315-353.		1
71	^{59}Co NMR in ferromagnetic $\text{R}_2\text{Co}_{14}\text{B}$ with $\text{R} = \text{Y}, \text{Pr}, \text{Nd}$. Journal of Magnetism and Magnetic Materials, 1990, 83, 243-245.	2.3	13
72	NMR study of the low temperature spin canting in $\text{Nd}_2(\text{CoFe})_{14}\text{B}$ with low Fe content. Journal of Applied Physics, 1990, 67, 4586-4588.	2.5	8

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73	Low-temperature spin reorientation and Co hyperfine fields in Nd ₂ Co ₁₄ B studied by NMR. Physical Review B, 1989, 40, 2606-2609.	3.2	11
74	NMR study of solid state reaction in Co-Sn multilayers. Hyperfine Interactions, 1989, 51, 1103-1110.	0.5	4
75	NMR study of local properties of Co in Nd ₂ (CoFe) ₁₄ B. Journal of Magnetism and Magnetic Materials, 1989, 80, 19-22.	2.3	7
76	Hyperfine fields in La ₂ Co ₁₄ B. Journal of Magnetism and Magnetic Materials, 1988, 72, 330-334.	2.3	5
77	SPIN ECHO NMR IN Nd ₂ (CoFe) ₁₄ B. Journal De Physique Colloque, 1988, 49, C8-587-C8-588.	0.2	9
78	⁵⁹ Co spin echo NMR in the Co ₃ xFe _x B system. Journal of Applied Physics, 1987, 61, 3650-3652.	2.5	1
79	Coupled oscillations of domain domain wall system in garnet films. Journal of Applied Physics, 1985, 57, 3701-3703.	2.5	24
80	Wall NMR in the weak ferromagnets YCrO ₃ and LuCrO ₃ . Journal of Magnetism and Magnetic Materials, 1984, 40, 303-313.	2.3	8
81	Temperature dependence of domain wall resonance in CrBr ₃ . Journal of Applied Physics, 1982, 53, 8357-8359.	2.5	3
82	Influence of Er ³⁺ ions on ⁵³ Cr NMR in domain walls of LuCrO ₃ . Journal of Magnetism and Magnetic Materials, 1980, 15-18, 697-698.	2.3	0
83	⁵³ Cr nuclear magnetic resonance in domain walls of yttrium orthochromite. Physica Status Solidi A, 1978, 49, K193-K196.	1.7	2