

Ewa Jedryka

List of Publications by Year in descending order

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83
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citations

279798

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84
all docs

84
docs citations

84
times ranked

2059
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly spin-polarized materials and devices for spintronics $\hat{=}$. Science and Technology of Advanced Materials, 2008, 9, 014101.	6.1	277
2	Nanoscale Multiphase Separation at $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{SrTiO}_3$ Interfaces. Physical Review Letters, 2001, 87, 067210.	7.8	233
3	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
4	Charge trapping in optimally doped epitaxial manganite thin films. Physical Review B, 2002, 66, .	3.2	150
5	Coherent tunneling and giant tunneling magnetoresistance in $\text{Co}/\text{Mn}_2\text{Co}/\text{Mn}$ tunneling junctions. Physical Review B, 2010, 81, .	3.2	139
6	Elastic and orbital effects on thickness-dependent properties of manganite thin films. Physical Review B, 2007, 76, .	3.2	93
7	Site disorder in $\text{Co}/\text{Mn}_2\text{Co}/\text{Mn}$ alloys and its influence on junction tunnel magnetoresistance. Physical Review B, 2008, 77, .	3.2	64
8	NMR analysis of buried metallic interfaces. Hyperfine Interactions, 1996, 97-98, 75-98.	0.5	59
9	Surface-induced phase separation in manganites: A microscopic origin for powder magnetoresistance. Applied Physics Letters, 2003, 82, 928-930.	3.3	57
10	Role of stacking faults in the structural and magnetic properties of ball-milled cobalt. Physical Review B, 2003, 68, .	3.2	56
11	Satellite structure of ^{59}Co NMR spectra in some Co alloys. Journal of Physics Condensed Matter, 1993, 5, 1547-1556.	1.8	52
12	Inhomogeneous structure and magnetic properties of granular $\text{Co}_{10}\text{Cu}_{90}$ alloys. Physical Review B, 2000, 63, .	3.2	51
13	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
14	Very low chemical disorder in epitaxial NiMnSb films on GaAs(111)B. Applied Physics Letters, 2003, 83, 4214-4216.	3.3	40
15	NMR evidence for selective enhancement of Mo magnetic moment by electron doping in $\text{Sr}_{2-x}\text{La}_x\text{FeMoO}_6$. Physical Review B, 2004, 69, .	3.2	39
16	Ferromagnetic coupling in $\text{Nd}_x\text{Ca}_{2-x}\text{FeMoO}_6$ double perovskites: Dominant band-filling effects. Physical Review B, 2004, 70, .	3.2	35
17	Epitaxial growth of bcc Co/Fe superlattices. Journal of Magnetism and Magnetic Materials, 1993, 121, 69-72.	2.3	31
18	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

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19	Strain-Driven Orbital and Magnetic Orders and Phase Separation in Epitaxial Half-Doped Manganite Films for Tunneling Devices. <i>Physical Review Applied</i> , 2016, 6, .	3.8	29
20	Automated pulsed NMR spectrometer for modern magnetic materials. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 2187-2188.	2.3	28
21	On the stability of bcc Co in Co/Fe superlattices an NMR and XRD study. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1997, 101, 329-337.	1.1	28
22	Identification of magnetic phases in granular Co ₁₀ Cu ₉₀ alloy using NMR method. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 198-199, 599-601.	2.3	25
23	Thickness dependence of surface roughness and transport properties of La _{2/3} Ca _{1/3} MnO ₃ epitaxial thin films. <i>Journal of Applied Physics</i> , 2001, 89, 6686-6688.	2.5	25
24	Coupled oscillations of domain domain wall system in garnet films. <i>Journal of Applied Physics</i> , 1985, 57, 3701-3703.	2.5	24
25	Structural study by NMR in Co/Cu multilayers at second antiferromagnetic maximum. <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 165, 292-296.	2.3	23
26	Structure and magnetism in bcc Co/Fe superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1993, 126, 12-15.	2.3	22
27	Improving the Magnetic Properties of Co ²⁺ CoO Systems by Designed Oxygen Implantation Profiles. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4320-4327 <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">59Co NMR	8.0	22
28	experiment as a probe of electron doping in Co<math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">59Co NMR	3.2	21
29	The anisotropic first-neighbour contribution to the hyperfine field in hexagonal-close-packed Co: a nuclear magnetic resonance study of diluted alloys and multilayers. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 4919-4928.	1.8	18
30	Magnetoresistive oxides: new developments and applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 98-104.	2.3	18
31	Magnetic Properties and Structure of Metallic Multilayers Investigated by NMR. <i>Materials Research Society Symposia Proceedings</i> , 1997, 475, 157.	0.1	16
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	Structural study of nanometric electrodeposited Co films using ⁵⁹ Co NMR. <i>Journal of Applied Physics</i> , 2001, 89, 7083-7085.	2.5	15
34	Electronic phase separation in epitaxial La ₂ Ca ₁ 3MnO ₃ films on (001) and (110) SrTiO ₃ substrates. <i>Journal of Applied Physics</i> , 2006, 99, 08A701.	2.5	15
35	Heat-induced nanocluster formation in codeposited Ag _{1-x} Co _x thin films: Nuclear magnetic resonance study. <i>Journal of Applied Physics</i> , 2004, 95, 2770-2775.	2.5	14
36	⁵⁹ Co NMR in ferromagnetic R ₂ Co ₁₄ B with R = Y, Pr, Nd. <i>Journal of Magnetism and Magnetic Materials</i> , 1990, 83, 243-245.	2.3	13

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37	Electronic self-doping of Mo states in A_2FeMoO_6 ($A=Ca, Sr, \text{ and } Ba$) half-metallic ferromagnets: A nuclear magnetic resonance study. <i>Physical Review B</i> , 2005, 71, .	3.2	13
38	Formation of a Co nanostructure revealed by ^{59}Co nuclear magnetic resonance measurements in Co/Au multilayers. <i>Physical Review B</i> , 2000, 63, .	3.2	12
39	Low-temperature spin reorientation and Co hyperfine fields in $Nd_2Co_{14}B$ studied by NMR. <i>Physical Review B</i> , 1989, 40, 2606-2609.	3.2	11
40	Mössbauer spectroscopy investigation of body centered cubic Co in Co/Fe superlattices prepared with MBE. <i>Hyperfine Interactions</i> , 1995, 95, 191-198.	0.5	10
41	Nanocrystallized Fe-Based Metglasses Investigated by Mössbauer Spectrometry. <i>Materials Science Forum</i> , 1995, 179-181, 545-550.	0.3	10
42	Significant modification of ^{59}Co hyperfine fields assigned to specific structural changes in sputtered Co/Au and Co/Cu multilayers. <i>Physical Review B</i> , 1999, 59, 8812-8820.	3.2	10
43	Nmr Studies of Bulk and Interface Structure in Co Based Multilayers. <i>Materials Research Society Symposia Proceedings</i> , 1995, 384, 61.	0.1	9
44	NMR study in amorphous CoZr thin film alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 157-158, 220-222.	2.3	9
45	Structure of Co layers in Co/Cu multilayers at the first antiferromagnetic maximum studied by nuclear magnetic resonance. <i>Journal of Applied Physics</i> , 1997, 81, 4776-4778.	2.5	9
46	Ferromagnetic resonance in Mn_5Ge_3 epitaxial films with weak stripe domain structure. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 125001.	2.8	9
47	SPIN ECHO NMR IN $Nd_2(CoFe)_{14}B$. <i>Journal De Physique Colloque</i> , 1988, 49, C8-587-C8-588.	0.2	9
48	Wall NMR in the weak ferromagnets $YCrO_3$ and $LuCrO_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 1984, 40, 303-313.	2.3	8
49	NMR study of the low temperature spin canting in $Nd_2(CoFe)_{14}B$ with low Fe content. <i>Journal of Applied Physics</i> , 1990, 67, 4586-4588.	2.5	8
50	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
51	Ferromagnetic coupling strength and electron-doping effects in double perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 974-980.	2.3	8
52	Selective modification of the unquenched orbital moment of manganese introduced by carbon dopant in epitaxial $Mn_5Ge_3Co_2/Ge(111)$ films. <i>Physical Review B</i> , 2020, 101, .	3.2	8
53	NMR study of local properties of Co in $Nd_2(CoFe)_{14}B$. <i>Journal of Magnetism and Magnetic Materials</i> , 1989, 80, 19-22.	2.3	7
54	Two magnetic states of Nd in $Nd_2(CoFe)_{14}B$ – ^{145}Nd NMR study. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 1405-1406.	2.3	7

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55	Nanocrystallization of FeCoZrB alloys studied by Co59 nuclear magnetic resonance. Applied Physics Letters, 2004, 85, 2884-2886.	3.3	7
56	Mössbauer study of a nanocrystalline Fe-Cr-based metallic glass. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 451-452.	2.3	6
57	Mo-Fe antisite defects in Sr2FeMoO6 studied by NMR. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1834-1835.	2.3	6
58	Hyperfine fields in La2Co14B. Journal of Magnetism and Magnetic Materials, 1988, 72, 330-334.	2.3	5
59	Spin arrangements in (Nd1-xYx)2Co14B studied by NMR. Journal of Applied Physics, 1991, 69, 6043-6045.	2.5	5
60	Structural studies in Co/Zr multilayers using NMR. Journal of Magnetism and Magnetic Materials, 1996, 156, 38-40.	2.3	5
61	Charge localization in nanometric La2/3Ca1/3MnO3 thin films grown on nearly matching substrates. Journal of Applied Physics, 2003, 93, 8065-8067.	2.5	5
62	Co NMR study of nanocrystallization process in Co-rich HITPERM alloy. Journal of Magnetism and Magnetic Materials, 2006, 304, e712-e714.	2.3	5
63	Effects of SrTiO3 capping in La2/3Ca1/3MnO3 electrodes of different orientations. Journal of Applied Physics, 2008, 103, 07E302.	2.5	5
64	Hyperfine fields and anisotropy of the orbital moment in epitaxial Mn5Ge3 films studied by Mn55 NMR. Physical Review B, 2018, 97, .	3.2	5
65	NMR study of solid state reaction in Co-Sn multilayers. Hyperfine Interactions, 1989, 51, 1103-1110.	0.5	4
66	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
67	Investigation of ion beam deposited spin valve interface structure by 59Co nuclear magnetic resonance. Journal of Applied Physics, 1999, 85, 4439-4441.	2.5	4
68	Temperature dependence of domain wall resonance in CrBr3. Journal of Applied Physics, 1982, 53, 8357-8359.	2.5	3
69	Magnetic properties of nanocrystalline HITPERM alloys studied by 59Co NMR. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1431-1433.	2.3	3
70	Structural Studies of Co/Cu and Co/Ru Interfaces Using 59Co NMR Method. Acta Physica Polonica A, 2000, 97, 551-554.	0.5	3
71	Cr53 nuclear magnetic resonance in domain walls of yttrium orthochromite. Physica Status Solidi A, 1978, 49, K193-K196.	1.7	2
72	Microscopic magnetism in MnAs/GaAs heterostructures studied by NMR. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1588-1590.	2.3	2

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73	Interface and Bulk Charge Localization in Manganite Thin Films. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400079.	3.7	2
74	^{59}Co spin echo NMR in the $\text{Co}_3\hat{\alpha}\text{xFe}_x\text{B}$ system. <i>Journal of Applied Physics</i> , 1987, 61, 3650-3652.	2.5	1
75	Impurity hyperfine fields in metastable body centered cubic Co. <i>Journal of Applied Physics</i> , 1994, 76, 6428-6430.	2.5	1
76	Inhomogeneous electronic properties of epitaxial $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ thin films. <i>Thin Solid Films</i> , 2001, 400, 85-89.	1.8	1
77	Domain Wall NMR in Anisotropic Ferromagnets Application to the System $\text{Re}-(\text{CoFe})\text{-B}$. , 1991, , 315-353.		1
78	Highly ordered carbon penetration into the CaMn_5C lattice: A superstructure in CaMn_5C lattice: <i>Physical Review B</i> , 2022, 105, .	3.2	1
79	Influence of Er^{3+} ions on ^{53}Cr NMR in domain walls of LuCrO_3 . <i>Journal of Magnetism and Magnetic Materials</i> , 1980, 15-18, 697-698.	2.3	0
80	NMR as a Tool in Structural Studies of Modern Magnetic Materials. , 1997, , 253-258.		0
81	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
82	Ferromagnetic Coupling Strength and Electron-Doping Effects in Double Perovskites. <i>ChemInform</i> , 2005, 36, no.	0.0	0
83	Structure des multicouches $\text{m}\hat{\alpha}\text{talliques}$ et de leurs interfaces vue par RMN. <i>European Physical Journal Special Topics</i> , 1996, 06, C7-89-C7-106.	0.2	0