

# Stefania Pizzini

## List of Publications by Year in descending order

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169  
papers

7,822  
citations

66315

42  
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53190

85  
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175  
all docs

175  
docs citations

175  
times ranked

5744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current-driven spin torque induced by the Rashba effect in a ferromagnetic metal layer. Nature Materials, 2010, 9, 230-234.	13.3	1,162
2	Room-temperature chiral magnetic skyrmions in ultrathin magnetic nanostructures. Nature Nanotechnology, 2016, 11, 449-454.	15.6	829
3	Fast current-induced domain-wall motion controlled by the Rashba effect. Nature Materials, 2011, 10, 419-423.	13.3	741
4	High domain wall velocities induced by current in ultrathin Pt/Co/AlOx wires with perpendicular magnetic anisotropy. Applied Physics Letters, 2008, 93, .	1.5	204
5	Analysis of oxygen induced anisotropy crossover in Pt/Co/MOx trilayers. Journal of Applied Physics, 2008, 104, .	1.1	200
6	Domain Wall Tilting in the Presence of the Dzyaloshinskii-Moriya Interaction in Out-of-Plane Magnetized Magnetic Nanotracks. Physical Review Letters, 2013, 111, 217203.	2.9	192
7	The Skyrmion Switch: Turning Magnetic Skyrmion Bubbles on and off with an Electric Field. Nano Letters, 2017, 17, 3006-3012.	4.5	181
8	Large-Voltage Tuning of Dzyaloshinskii-Moriya Interactions: A Route toward Dynamic Control of Skyrmion Chirality. Nano Letters, 2018, 18, 4871-4877.	4.5	173
9	Chirality-Induced Asymmetric Magnetic Nucleation in $\text{Pt}/\text{Co}/\text{MnO}_2$ Microstructures. Physical Review Letters, 2014, 113, 047203.	2.9	157
10	A fluorescence EXAFS study of the structure of copper-rich precipitates in Fe-Cu and Fe-Cu-Ni alloys. Philosophical Magazine Letters, 1990, 61, 223-229.	0.5	123
11	Magnetic circular x-ray dichroism in Ce intermetallic compounds. Physical Review B, 1993, 48, 12732-12742.	1.1	112
12	Spin-orbit torque magnetization switching controlled by geometry. Nature Nanotechnology, 2016, 11, 143-146.	15.6	111
13	Current-Driven Skyrmion Dynamics and Drive-Dependent Skyrmion Hall Effect in an Ultrathin Film. Physical Review Applied, 2019, 12, .	1.5	111
14	Time-resolved magnetic domain imaging by x-ray photoemission electron microscopy. Applied Physics Letters, 2003, 82, 2299-2301.	1.5	101
15	Energy-dispersive phase plate for magnetic circular dichroism experiments in the X-ray range. Journal of Applied Crystallography, 1994, 27, 232-240.	1.9	99
16	Evidence for the Spin Polarization of Copper in Co/Cu and Fe/Cu Multilayers. Physical Review Letters, 1995, 74, 1470-1473.	2.9	81
17	Element-Selective Nanosecond Magnetization Dynamics in Magnetic Heterostructures. Physical Review Letters, 2001, 86, 3646-3649.	2.9	76
18	Magnetic study of the $\text{Ce}_2\text{Fe}_{17}\text{H}_x$ compounds: Magnetic circular x-ray dichroism, x-ray-absorption near-edge structure, magnetization, and diffraction results. Physical Review B, 1994, 49, 15692-15701.	1.1	75

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19	Very large domain wall velocities in Pt/Co/GdOx and Pt/Co/Gd trilayers with Dzyaloshinskii-Moriya interaction. <i>Europhysics Letters</i> , 2016, 113, 67001.	0.7	75
20	Ultrathin epitaxial cobalt films on graphene for spintronic investigations and applications. <i>New Journal of Physics</i> , 2010, 12, 103040.	1.2	74
21	Perpendicular Interlayer Coupling in Ni <sub>80</sub> Fe <sub>20</sub> /NiO/Co Trilayers. <i>Physical Review Letters</i> , 2003, 91, 027201.	2.9	70
22	Anisotropic Dzyaloshinskii-Moriya interaction in ultrathin epitaxial Au/Co/W(110). <i>Physical Review B</i> , 2017, 95, .	1.1	69
23	Local electronic structure of ZnS and ZnSe doped by Mn, Fe, Co, and Ni from x-ray-absorption near-edge structure studies. <i>Physical Review B</i> , 1996, 53, 1119-1128.	1.1	65
24	In situ studies of a dispersed platinum on carbon electrode using X-ray absorption spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 1992, 324, 243-258.	1.9	61
25	Unraveling Dzyaloshinskii-Moriya Interaction and Chiral Nature of Graphene/Cobalt Interface. <i>Nano Letters</i> , 2018, 18, 5364-5372.	4.5	60
26	Magnetic circular x-ray dichroism measurements of Fe-Co alloys and Fe/Co multilayers. <i>Physical Review B</i> , 1994, 50, 3779-3788.	1.1	59
27	Nonvolatile Ionic Modification of the Dzyaloshinskii-Moriya Interaction. <i>Physical Review Applied</i> , 2019, 12, .	1.5	59
28	Direct Observation of Massless Domain Wall Dynamics in Nanostripes with Perpendicular Magnetic Anisotropy. <i>Physical Review Letters</i> , 2012, 108, 247202.	2.9	56
29	Electric-field control of domain wall nucleation and pinning in a metallic ferromagnet. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	56
30	Velocity asymmetry of Dzyaloshinskii domain walls in the creep and flow regimes. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 326002.	0.7	56
31	X-ray analysis of the magnetic influence of oxygen in Pt-Co-AlOx trilayers. <i>Journal of Applied Physics</i> , 2008, 103, 07A912.	1.1	55
32	Study of 5d magnetism in rare-earth-transition-metal (Fe, Co) intermetallic compounds by magnetic circular X-ray dichroism. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1993, 62, 153-156.	0.8	52
33	Energy and polarization-tunable X-ray quarter-wave plates for energy dispersive absorption spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994, 349, 622-625.	0.7	52
34	Local-spin-selective x-ray absorption and x-ray magnetic circular dichroism of MnP. <i>Physical Review B</i> , 1995, 51, 1045-1052.	1.1	52
35	Instrumentation for glancing angle x-ray absorption spectroscopy on the Synchrotron Radiation Source. <i>Review of Scientific Instruments</i> , 1989, 60, 2525-2528.	0.6	49
36	Magnetic skyrmions in confined geometries: Effect of the magnetic field and the disorder. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 455, 3-8.	1.0	48

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37	Large Current Driven Domain Wall Mobility and Gate Tuning of Coercivity in Ferrimagnetic Mn <sub>4</sub> N Thin Films. Nano Letters, 2019, 19, 8716-8723.	4.5	48
38	Current-Driven Domain Wall Dynamics in Ferrimagnetic Nickel-Doped Mn <sub>4</sub> N Films: Very Large Domain Wall Velocities and Reversal of Motion Direction across the Magnetic Compensation Point. Nano Letters, 2021, 21, 2580-2587.	4.5	48
39	Quadrupolar Effect in X-Ray Magnetic Circular Dichroism. Physical Review Letters, 1995, 75, 3186-3189.	2.9	47
40	Exchange bias with perpendicular anisotropy in (Pt-Co) <sub>n</sub> /FeMn multilayers. IEEE Transactions on Magnetism, 2002, 38, 2730-2735.	1.2	45
41	Perfect crystal and mosaic crystal quarter-wave plates for circular magnetic x-ray dichroism experiments. Review of Scientific Instruments, 1995, 66, 1549-1553.	0.6	44
42	Domain wall dynamics in ultrathin Pt/Co/AlOx microstrips under large combined magnetic fields. Physical Review B, 2016, 93, .	1.1	44
43	Field dependent exchange coupling in NiO/Co bilayers. Physical Review B, 2003, 67, .	1.1	40
44	Current-induced motion and pinning of domain walls in spin-valve nanowires studied by XMCD-PEEM. Physical Review B, 2010, 81, .	1.1	40
45	Tuning domain wall velocity with Dzyaloshinskii-Moriya interaction. Applied Physics Letters, 2017, 111, .	1.5	40
46	Assessment of the values of the C-H-stretching force constants in sugar molecules. Carbohydrate Research, 1988, 184, 1-11.	1.1	39
47	Extended x-ray-absorption fine-structure study of the local atomic structure inAs+heavily implanted silicon. Physical Review B, 1992, 46, 9434-9445.	1.1	38
48	Environments of ion-implanted As and Ga impurities in amorphous silicon. Physical Review B, 1992, 45, 6517-6533.	1.1	37
49	Interfaces of Ce/Fe and La/Fe multilayers probed by magnetic circular x-ray dichroism. Physical Review B, 1994, 50, 6174-6183.	1.1	37
50	Local structure and ferromagnetic character of Fe-B and Fe-P amorphous alloys. Physical Review B, 2000, 62, 5746-5750.	1.1	36
51	Velocity Enhancement by Synchronization of Magnetic Domain Walls. Physical Review Letters, 2018, 120, 227204.	2.9	35
52	Structural characterization of Fe/Cu multilayers by x-ray absorption spectroscopy. Physical Review B, 1992, 46, 1253-1256.	1.1	34
53	Beam-induced magnetic property modifications: Basics, nanostructure fabrication and potential applications. Nuclear Instruments & Methods in Physics Research B, 2001, 175-177, 375-381.	0.6	34
54	Switching-mode-dependent magnetic interlayer coupling strength in spin valves and magnetic tunnel junctions. Physical Review B, 2004, 69, .	1.1	33

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55	Magnetic relaxation of exchange biased Pt/Co multilayers studied by time-resolved Kerr microscopy. Physical Review B, 2005, 72, .	1.1	33
56	Oxidation dependence of the Dzyaloshinskii-Moriya interaction in Pt/Co trilayers ( $T_j$ EQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td ( $x$ ) )	1.1	33
57	X-ray absorption analysis of sputter-grown Co/Pt stackings before and after helium irradiation. European Physical Journal B, 2001, 22, 193-201.	0.6	32
58	High Domain Wall Velocity at Zero Magnetic Field Induced by Low Current Densities in Spin Valve Nanostripes. Applied Physics Express, 0, 2, 023003.	1.1	32
59	X-ray magnetic-circular-dichroism probe of a noncollinear magnetic arrangement below the spin reorientation transition in Nd <sub>2</sub> Fe <sub>14</sub> B. Physical Review B, 1998, 57, 8424-8429.	1.1	29
60	Experimental evidence of a $1/\lambda$ activation law in nanostructures with perpendicular magnetic anisotropy. Physical Review B, 2005, 71, .	1.1	29
61	Dynamics of Magnetic Domain Wall Motion after Nucleation: Dependence on the Wall Energy. Physical Review Letters, 2006, 96, 097204.	2.9	29
62	Tunable X-ray quarter-wave plates for X-ray magnetic circular dichroism experiments with the energy dispersive absorption spectrometer. Physica B: Condensed Matter, 1995, 208-209, 784-786.	1.3	28
63	X-ray analysis of oxygen-induced perpendicular magnetic anisotropy in trilayers. Journal of Magnetism and Magnetic Materials, 2008, 320, 1889-1892.	1.0	28
64	Multielectron excitations in rare-earth compounds revealed by magnetic circular x-ray dichroism. Physical Review B, 1992, 46, 3155-3158.	1.1	27
65	Hard X-rays magnetic EXAFS. Physica B: Condensed Matter, 1995, 208-209, 751-754.	1.3	27
66	Millimeter-sized magnetic domains in perpendicularly magnetized ferrimagnetic Mn <sub>4</sub> N thin films grown on SrTiO <sub>3</sub> . Japanese Journal of Applied Physics, 2018, 57, 120310.	0.8	27
67	Magnetic and magneto-transport properties of Mn <sub>4</sub> N thin films by Ni substitution and their possibility of magnetic compensation. Journal of Applied Physics, 2019, 125, .	1.1	27
68	Magnetic phase transitions in Fe <sub>72</sub> Pt <sub>28</sub> Invar compound studied by high-pressure X-ray magnetic circular dichroism and X-ray diffraction. Europhysics Letters, 1999, 47, 378-383.	0.7	26
69	The local atomic structure of the oxide coating on polished GaAs(100). Surface Science, 1990, 227, 337-346.	0.8	25
70	Structural and magnetic properties of Cu/Co and Au/Co multilayers. Journal of Magnetism and Magnetic Materials, 1993, 121, 208-212.	1.0	25
71	Direct observation of Oersted-field-induced magnetization dynamics in magnetic nanostripes. Physical Review B, 2011, 83, .	1.1	25
72	Third type of domain wall in soft magnetic nanostripes. Scientific Reports, 2015, 5, 12417.	1.6	25

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73	Structure of Co/Cu multilayers studied by x-ray diffraction and x-ray absorption spectroscopy. <i>Physical Review B</i> , 1993, 47, 8754-8762.	1.1	24
74	A comparison between the structural, magnetic and surface properties of cobalt ferrites prepared by wet and ceramic methods. <i>Journal of Magnetism and Magnetic Materials</i> , 1978, 7, 52-57.	1.0	23
75	Dispersive XAS at third-generation sources: strengths and limitations. <i>Journal of Synchrotron Radiation</i> , 1999, 6, 146-148.	1.0	22
76	Influence of domain wall interactions on nanosecond switching in magnetic tunnel junctions. <i>Physical Review B</i> , 2005, 72, .	1.1	22
77	Experimental evidence of pressure-induced magnetic phase transition in Fe <sub>72</sub> Pt <sub>28</sub> Invar alloy. <i>Journal of Applied Physics</i> , 1998, 83, 7291-7293.	1.1	21
78	Dynamical properties of magnetization reversal in exchange-coupled NiO/Co bilayers. <i>Physical Review B</i> , 2001, 64, .	1.1	20
79	Magnetization reversal, asymmetry, and role of uncompensated spins in perpendicular exchange coupled systems. <i>Applied Physics Letters</i> , 2006, 89, 232507.	1.5	20
80	Effect of hydrogen absorption on the cerium electronic state in CeFe <sub>11</sub> Ti: An x-ray-absorption and circular-magnetic-dichroism investigation. <i>Physical Review B</i> , 1995, 51, 9005-9014.	1.1	19
81	Microscopic origin of the macroscopic magnetic properties of TbFeCoN amorphous thin films. <i>Physical Review B</i> , 1997, 56, 8149-8155.	1.1	19
82	Quarter-Wave Plates and X-ray Magnetic Circular Dichroism on ID24 at the ESRF. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 1298-1303.	1.0	19
83	Exploring spin valve magnetization reversal dynamics with temporal, spatial and layer resolution: Influence of domain-wall energy. <i>Applied Physics Letters</i> , 2004, 85, 440-442.	1.5	19
84	Time and layer resolved magnetic domain imaging of FeNi/Cu/Co trilayers using x-ray photoelectron emission microscopy (invited). <i>Journal of Applied Physics</i> , 2004, 95, 6533-6536.	1.1	18
85	Perpendicular magnetic anisotropy and the reorientation transition of the magnetization in CeH <sub>2</sub> /Fe multilayers probed by x-ray magnetic circular dichroism. <i>Physical Review B</i> , 1999, 59, 3707-3721.	1.1	17
86	Mobility of domain wall motion in the permalloy layer of a spin-valve-like trilayer. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 293, 863-871.	1.0	16
87	Magnetic relaxation measurements of exchange biased (Pt/Co) multilayers with perpendicular anisotropy. <i>European Physical Journal B</i> , 2005, 45, 185-190.	0.6	15
88	Magnetization reversal in composition-controlled Gd <sub>1-x</sub> Co <sub>x</sub> ferrimagnetic films close to compensation composition. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	15
89	Magnetic domain walls in nanostrips of single-crystalline Fe <sub>4</sub> N(001) thin films with fourfold in-plane magnetic anisotropy. <i>Journal of Applied Physics</i> , 2017, 121, .	1.1	14
90	Study of the velocity plateau of Dzyaloshinskii domain walls. <i>Physical Review B</i> , 2019, 100, .	1.1	14

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91	Reversible and Irreversible Voltage Manipulation of Interfacial Magnetic Anisotropy in $\text{Pt}/\text{Co}$ Oxide Multilayers. Physical Review Applied, 2020, 14, .	1.5	14
92	Structural properties of (100) Fe/Ir superlattices. Surface Science, 1994, 319, 131-140.	0.8	13
93	Phase diagram of magnetic domain walls in spin valve nano-strips. Applied Physics Letters, 2012, 100, 172404.	1.5	13
94	Temperature and field-induced magnetization flips in amorphous $\text{ErFe}$ alloys evidenced by x-ray magnetic circular dichroism. Journal of Applied Physics, 1996, 79, 6497.	1.1	12
95	Magnetic phase diagram of an amorphous $\text{ErFe}$ alloy studied by X-ray magnetic circular dichroism. Journal of Electron Spectroscopy and Related Phenomena, 1997, 86, 165-173.	0.8	12
96	Nanosecond-resolved XMCD on ID24 at the ESRF to investigate the element-selective dynamics of magnetization switching of $\text{GdCo}$ amorphous thin film. Journal of Synchrotron Radiation, 1998, 5, 750-752.	1.0	12
97	Nanosecond resolved techniques for dynamical magnetization reversal measurements. Journal of Applied Physics, 2000, 87, 5974-5976.	1.1	12
98	Ferroelectric control of magnetic domains in ultra-thin cobalt layers. Applied Physics Letters, 2013, 103, 222902.	1.5	12
99	X-Ray absorption spectroscopy under conditions of total external reflection: application to the structural characterisation of the $\text{Cu}/\text{GaAs}(100)$ interface. Faraday Discussions of the Chemical Society, 1990, 89, 51.	2.2	11
100	IrFe Superlattices: 3D Pseudomorphism of Fe on (111) F.c.c. Ir. Europhysics Letters, 1992, 18, 529-535.	0.7	11
101	Effects of spin-dependent spectral weight on magnetic circular x-ray dichroism: Applications to $\text{R}(\text{Ni}_x\text{Co}_{1-x})_5$ intermetallic compounds. Physical Review B, 1995, 51, 15957-15963.	1.1	11
102	Magnetic domain wall dynamics in the precessional regime: Influence of the Dzyaloshinskii-Moriya interaction. Physical Review B, 2021, 104, .	1.1	11
103	Interfacial potential gradient modulates Dzyaloshinskii-Moriya interaction in $\text{Pt}/\text{Co}/\text{metal}$ multilayers. Physical Review Materials, 2022, 6, .	0.9	11
104	Spin polarization in p-bands of copper in cobalt/copper multilayers. Journal of Magnetism and Magnetic Materials, 1993, 126, 251-254.	1.0	10
105	Correlation between XANES of the transition metals in $\text{ZnS}$ and $\text{ZnSe}$ and their limit of solubility. Physica B: Condensed Matter, 1995, 208-209, 497-499.	1.3	10
106	Layer-resolved imaging of domain wall interactions in magnetic tunnel junction-like trilayers. Journal of Physics Condensed Matter, 2007, 19, 476204.	0.7	10
107	Self-organised stripe domains and elliptical skyrmion bubbles in ultra-thin epitaxial $\text{Au}_{0.67}\text{Pt}_{0.33}/\text{Co}/\text{W}(110)$ films. New Journal of Physics, 2021, 23, 013020.	1.2	10
108	Evidence for Spin Polarization of Metallic Copper in $\text{CO}/\text{Cu}$ and $\text{Fe}/\text{Cu}$ Multilayers. Materials Research Society Symposia Proceedings, 1993, 313, 625.	0.1	9

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109	X-ray magnetic circular dichroism at the Gd L edges in Gd-Ni-Co amorphous systems. <i>Physical Review B</i> , 1997, 55, 3063-3070.	1.1	9
110	Two recent developments in XMCD. <i>Journal of Synchrotron Radiation</i> , 1998, 5, 992-994.	1.0	9
111	The local atomic environment of Cu and Ni in Fe-Cu-Ni alloys following thermal ageing and neutron irradiation: A study using fluorescence mode X-ray absorption fine-structure spectroscopy. <i>Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties</i> , 1999, 79, 1295-1319.	0.7	9
112	Magnetization reversal dynamics in exchange-coupled NiO/Co bilayers. <i>Journal of Applied Physics</i> , 2001, 89, 6585-6587.	1.1	9
113	Dimensionality effects on the magnetization reversal in narrow FePt nanowires. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	9
114	X-ray phase plate for energy-dispersive and monochromatic experiments. , 1994, , .		8
115	Total electron yield exafs studies of (001) Au/Co monocrystalline multilayers. <i>Solid State Communications</i> , 1994, 90, 147-149.	0.9	8
116	Interplay between magnetic anisotropy and interlayer coupling in nanosecond magnetization reversal of spin-valve trilayers. <i>Physical Review B</i> , 2005, 71, .	1.1	8
117	Influence of topography and Co domain walls on the magnetization reversal of the FeNi layer in FeNi/Al <sub>2</sub> O <sub>3</sub> /Co magnetic tunnel junctions. <i>Physical Review B</i> , 2006, 74, .	1.1	8
118	X-ray magnetic circular dichroism and element-selective magnetic hysteresis in Fe/Cu/Co/Cu multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 166, 38-44.	1.0	7
119	Kinetics of Ion Migration in the Electric Field-Driven Manipulation of Magnetic Anisotropy of Pt/Co/Oxide Multilayers. <i>Small</i> , 2021, 17, e2102427.	5.2	7
120	Investigation of the local structure around iron dispersed in vinyl chloride/vinylidene chloride (VC/VdC) copolymer coatings on mild steel using glancing-angle X-ray absorption spectroscopy. <i>Journal of Materials Chemistry</i> , 1992, 2, 49-55.	6.7	6
121	Application of X-ray absorption spectroscopy to the structural characterisation of monodispersed benzotriazole coatings on partly oxidised copper thin films. <i>Journal of Materials Chemistry</i> , 1993, 3, 811.	6.7	6
122	Time-Resolved X-Ray Magnetic Circular Dichroism – A Selective Probe of Magnetization Dynamics on Nanosecond Timescales. , 2003, , 157-187.		6
123	Current-induced domain wall motion and magnetization dynamics in CoFeB/Cu/Co nanostripes. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 024213.	0.7	6
124	Size dependence of magnetic switching in perpendicularly magnetized MgO/Co/Pt pillars close to the spin reorientation transition. <i>Applied Physics Letters</i> , 2014, 104, 012404.	1.5	6
125	Asymmetry of nucleation density and its variation with Pt spacer thickness in exchange-biased [Pt/Co] <sub>5</sub> /Pt/FeMn multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 449, 475-481.	1.0	6
126	All-Electrical Control of Scaled Spin Logic Devices Based on Domain Wall Motion. <i>IEEE Transactions on Electron Devices</i> , 2021, 68, 2116-2122.	1.6	6

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127	An essential property of synchrotron radiation: linear and circular polarization for X-ray absorption spectroscopy. <i>Journal De Physique</i> , 1, 1992, 2, 1233-1255.	1.2	6
128	Applications of glancing-angle X-ray absorption spectroscopy to the structural characterization of copper film surfaces. <i>Physica B: Condensed Matter</i> , 1989, 158, 676-678.	1.3	5
129	Magnetic polarization of the La and Ce 5d states near the interfaces of Fe/LaHx and Fe/CeHx multilayers across the metal-insulator transition in the hydrides: An x-ray magnetic circular dichroism study. <i>Physical Review B</i> , 2003, 67, .	1.1	5
130	Growth mode and structural characterization of epitaxial TM/RE thin films. <i>Journal of Alloys and Compounds</i> , 2004, 362, 56-60.	2.8	5
131	Domain Structure in (NiFe/Au/Co/Au) <sub>10</sub> Multilayers With Perpendicular Anisotropy of Co Layers. <i>IEEE Transactions on Magnetics</i> , 2010, 46, 231-234.	1.2	5
132	X-ray absorption spectroscopy for crystallographic and magnetic characterizations of metallic superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1993, 121, 10-19.	1.0	4
133	Spin polarisation of copper in Co/Cu and Fe/Cu multilayers. <i>Physica B: Condensed Matter</i> , 1995, 208-209, 755-756.	1.3	4
134	Cu 2p X-ray absorption spectroscopy of thin copper films grown on Fe(001). <i>Solid State Communications</i> , 1995, 94, 569-572.	0.9	4
135	Magnetic properties of amorphous nitrogenated TbFeCo thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 193, 170-173.	1.0	4
136	Element-specific magnetization reversal in Fe/Ce multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 220, 195-204.	1.0	4
137	Evidence for high-spin-to-low-spin transition under pressure in Fe <sub>72</sub> Pt <sub>28</sub> Invar alloy. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2000, 80, 155-163.	0.6	4
138	Domain wall dynamics and interlayer interactions in magnetic trilayer systems studied by XMCD-PEEM. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 92, 505-510.	1.1	4
139	Spin-orbit torques in ultrathin ferromagnetic metal layers. <i>Proceedings of SPIE</i> , 2010, , .	0.8	4
140	Comparison of structural and magnetic properties of Zn/Mn ferrites prepared by wet-chemical and ceramic methods. <i>Materials Chemistry</i> , 1977, 2, 241-251.	0.4	3
141	Structure of metallic multilayers studied by X-ray absorption spectroscopy. <i>Applied Surface Science</i> , 1993, 69, 7-11.	3.1	3
142	Different ferromagnetic character of Fe in FeB and FeP amorphous alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 196-197, 204-206.	1.0	3
143	Local-spin-selective X-ray absorption and X-ray magnetic circular dichroism of MnP. <i>Physica B: Condensed Matter</i> , 1995, 208-209, 763-764.	1.3	2
144	Magnetic and structural X-ray dichroisms of metallic multilayers. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1995, 97, 436-443.	0.6	2

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145	Spin-polarisation of copper in Co/Cu and Fe/Cu multilayers. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 313-314.	1.0	2
146	X-ray magnetic circular dichroism with tunable polarization helicity. Journal of Synchrotron Radiation, 1999, 6, 1125-1132.	1.0	2
147	Non-volatile polarization switch of magnetic domain wall velocity. Applied Physics Letters, 2015, 107, .	1.5	2
148	Energy dispersive quarter-wave plate for magnetic circular dichroism experiments in the X-ray range. Acta Crystallographica Section A: Foundations and Advances, 1993, 49, c377-c377.	0.3	2
149	Large voltage tuning of Dzyalonskii-Moriya interaction: towards a chirality switch?. , 2018, , .		2
150	Evidence of Multielectron Excitations in Magnetic Circular X-ray Dichroism of Rare Earth Compounds. Japanese Journal of Applied Physics, 1993, 32, 320.	0.8	2
151	Magnetic domain walls: from physics to devices. , 2021, , .		2
152	Some Industrial Applications of Grazing Incident Exafs Techniques. Materials Research Society Symposia Proceedings, 1988, 143, 169.	0.1	1
153	Magnetic and Structural Properties of Fe/Pd Multilayers Studied by Magnetic X-Ray Dichroism and X-Ray Absorption Spectroscopy. Materials Research Society Symposia Proceedings, 1994, 375, 87.	0.1	1
154	Quadrupolar transitions by MCXD at L edges? Search of evidence. Physica B: Condensed Matter, 1995, 208-209, 777-778.	1.3	1
155	Direct Evidence of the Existence of Field-Induced Canted Spermagnets Detected by X-Ray Magnetic Circular Dichroism. European Physical Journal Special Topics, 1997, 7, C2-397-C2-400.	0.2	1
156	Evolution of magnetic and structural properties of nitrogenated TbFeCo thin films. Journal of Magnetism and Magnetic Materials, 1999, 191, 323-330.	1.0	1
157	X-ray magnetic circular dichroism in FeZrB amorphous alloys: the influence of the tensile stress. Journal of Synchrotron Radiation, 2001, 8, 443-445.	1.0	1
158	All-electrical control of scaled spin logic devices based on domain wall motion. , 2020, , .		1
159	Relation between the Local Structure and the Desactivation of As <sup>&lt;sup&gt;+&lt;/sup&gt;</sup> Heavily Implanted Silicon. Japanese Journal of Applied Physics, 1993, 32, 625.	0.8	1
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