Stefania Pizzini

List of Publications by Year
in descending order

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169 papers	7,822 citations	66315 42 h-index	53190 85 g-index
175 all docs	175 docs citations	175 times ranked	5744 citing authors

#	Article	IF	Citations
1	Interfacial potential gradient modulates Dzyaloshinskii-Moriya interaction in Pt/Co/metal multilayers. Physical Review Materials, 2022, 6, .	0.9	11
2	Self-organised stripe domains and elliptical skyrmion bubbles in ultra-thin epitaxial Au_{0.67}Pt_{0.33}/Co/W(110) films. New Journal of Physics, 2021, 23, 013020.	1.2	10
3	Current-Driven Domain Wall Dynamics in Ferrimagnetic Nickel-Doped Mn₄N 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
4	All-Electrical Control of Scaled Spin Logic Devices Based on Domain Wall Motion. IEEE Transactions on Electron Devices, 2021, 68, 2116-2122.	1.6	6
5	Magnetic domain wall dynamics in the precessional regime: Influence of the Dzyaloshinskii-Moriya interaction. Physical Review B, 2021, 104, .	1.1	11
6	Kinetics of Ion Migration in the Electric Fieldâ€Driven Manipulation of Magnetic Anisotropy of Pt/Co/Oxide Multilayers. Small, 2021, 17, e2102427.	5.2	7
7	Magnetic domain walls: from physics to devices. , 2021, , .		2
8	Reversible and Irreversible Voltage Manipulation of Interfacial Magnetic Anisotropy in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mi>Pt</mml:mi></mml:math> / <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mi>Co</mml:mi></mml:math> /Oxide Multilayers. Physical Review Applied, 2020, 14, .	1.5	14
9	All-electrical control of scaled spin logic devices based on domain wall motion. , 2020, , .		1
10	Large Current Driven Domain Wall Mobility and Gate Tuning of Coercivity in Ferrimagnetic Mn₄N Thin Films. Nano Letters, 2019, 19, 8716-8723.	4.5	48
11	Nonvolatile Ionic Modification of the Dzyaloshinskii-Moriya Interaction. Physical Review Applied, 2019, 12, .	1.5	59
12	Current-Driven Skyrmion Dynamics and Drive-Dependent Skyrmion Hall Effect in an Ultrathin Film. Physical Review Applied, 2019, 12, .	1.5	111
13	Magnetic and magneto-transport properties of Mn4N thin films by Ni substitution and their possibility of magnetic compensation. Journal of Applied Physics, 2019, 125, .	1.1	27
14	Oxidation dependence of the Dzyaloshinskii-Moriya interaction in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Pt</mml:mi><mml:mo>/</mml:mo><mml:mi>Co</mml:m mathvariant="normal">O</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math> trilayers (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 212 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow	1.1	33
15	Study of the velocity plateau of Dzyaloshinskii domain walls. Physical Review B, 2019, 100, .	1.1	14
16	Magnetic skyrmions in confined geometries: Effect of the magnetic field and the disorder. Journal of Magnetism and Magnetic Materials, 2018, 455, 3-8.	1.0	48
17	Asymmetry of nucleation density and its variation with Pt spacer thickness in exchange-biased [Pt/Co]5/Pt/FeMn multilayers. Journal of Magnetism and Magnetic Materials, 2018, 449, 475-481.	1.0	6
18	Millimeter-sized magnetic domains in perpendicularly magnetized ferrimagnetic Mn₄N thin films grown on SrTiO₃. Japanese Journal of Applied Physics, 2018, 57, 120310.	0.8	27

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19	Velocity Enhancement by Synchronization of Magnetic Domain Walls. Physical Review Letters, 2018, 120, 227204.	2.9	35
20	Unraveling Dzyaloshinskiiâ€“Moriya Interaction and Chiral Nature of Graphene/Cobalt Interface. Nano Letters, 2018, 18, 5364-5372.	4.5	60
21	Large-Voltage Tuning of Dzyaloshinskiiâ€“Moriya Interactions: A Route toward Dynamic Control of Skyrmion Chirality. Nano Letters, 2018, 18, 4871-4877.	4.5	173
22	Large voltage tuning of Dzyalonshinskii-Moriya interaction: towards a chirality switch?. , 2018, , .		2
23	The Skyrmion Switch: Turning Magnetic Skyrmion Bubbles on and off with an Electric Field. Nano Letters, 2017, 17, 3006-3012.	4.5	181
24	Tuning domain wall velocity with Dzyaloshinskii-Moriya interaction. Applied Physics Letters, 2017, 111, .	1.5	40
25	Magnetic domain walls in nanostrips of single-crystalline Fe4N(001) thin films with fourfold in-plane magnetic anisotropy. Journal of Applied Physics, 2017, 121, .	1.1	14
26	Anisotropic Dzyaloshinskii-Moriya interaction in ultrathin epitaxial Au/Co/W(110). Physical Review B, 2017, 95, .	1.1	69
27	Very large domain wall velocities in Pt/Co/GdOx and Pt/Co/Gd trilayers with Dzyaloshinskii-Moriya interaction. Europhysics Letters, 2016, 113, 67001.	0.7	75
28	Domain wall dynamics in ultrathin Pt/Co/AlOx microstrips under large combined magnetic fields. Physical Review B, 2016, 93, .	1.1	44
29	Room-temperature chiral magnetic skyrmions in ultrathin magnetic nanostructures. Nature Nanotechnology, 2016, 11, 449-454.	15.6	829
30	Spinâ€“orbit torque magnetization switching controlled by geometry. Nature Nanotechnology, 2016, 11, 143-146.	15.6	111
31	Manipulating the magnetization direction of transverse domain walls in Permalloy/Ir strips using nanosecond current pulses. Journal of Magnetism and Magnetic Materials, 2016, 397, 152-156.	1.0	0
32	Third type of domain wall in soft magnetic nanostrips. Scientific Reports, 2015, 5, 12417.	1.6	25
33	Non-volatile polarization switch of magnetic domain wall velocity. Applied Physics Letters, 2015, 107, .	1.5	2
34	Velocity asymmetry of Dzyaloshinskii domain walls in the creep and flow regimes. Journal of Physics Condensed Matter, 2015, 27, 326002.	0.7	56
35	Chirality-Induced Asymmetric Magnetic Nucleation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Pt</mml:mi><mml:mo>/</mml:mo><mml:mi>Co</mml:mi><mml:mo>/</mml:mo><mml:msu Microstructures. Physical Review Letters, 2014, 113, 047203.	2.9	157
36	Size dependence of magnetic switching in perpendicularly magnetized MgO/Co/Pt pillars close to the spin reorientation transition. Applied Physics Letters, 2014, 104, 012404.	1.5	6

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37	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
38	Ferroelectric control of magnetic domains in ultra-thin cobalt layers. Applied Physics Letters, 2013, 103, 222902.	1.5	12
39	Electric-field control of domain wall nucleation and pinning in a metallic ferromagnet. Applied Physics Letters, 2013, 102, .	1.5	56
40	Dynamique de lâ€™aimantation Ã©tudiÃ©e par rayonnement synchrotron : vers lâ€™Ã©lectronique de demain. , 2013, , 38-42.	0.1	0
41	Phase diagram of magnetic domain walls in spin valve nano-stripes. Applied Physics Letters, 2012, 100, 172404.	1.5	13
42	Current-induced domain wall motion and magnetization dynamics in CoFeB/Cu/Co nanostripes. Journal of Physics Condensed Matter, 2012, 24, 024213.	0.7	6
43	Dimensionality effects on the magnetization reversal in narrow FePt nanowires. Applied Physics Letters, 2012, 100, .	1.5	9
44	Direct Observation of Massless Domain Wall Dynamics in Nanostripes with Perpendicular Magnetic Anisotropy. Physical Review Letters, 2012, 108, 247202.	2.9	56
45	Fast current-induced domain-wall motion controlled by the Rashba effect. Nature Materials, 2011, 10, 419-423.	13.3	741
46	Magnetization reversal in composition-controlled Gd1â€“xCox ferrimagnetic films close to compensation composition. Applied Physics Letters, 2011, 99, .	1.5	15
47	Direct observation of Oersted-field-induced magnetization dynamics in magnetic nanostripes. Physical Review B, 2011, 83, .	1.1	25
48	Spin-orbit torques in ultrathin ferromagnetic metal layers. Proceedings of SPIE, 2010, , .	0.8	4
49	Domain Structure in (NiFe/Au/Co/Au)$_{10}$ Multilayers With Perpendicular Anisotropy of Co Layers. IEEE Transactions on Magnetics, 2010, 46, 231-234.	1.2	5
50	Current-driven spin torque induced by the Rashba effect in a ferromagnetic metal layer. Nature Materials, 2010, 9, 230-234.	13.3	1,162
51	Ultrathin epitaxial cobalt films on graphene for spintronic investigations and applications. New Journal of Physics, 2010, 12, 103040.	1.2	74
52	Current-induced motion and pinning of domain walls in spin-valve nanowires studied by XMCD-PEEM. Physical Review B, 2010, 81, .	1.1	40
53	Domain wall dynamics and interlayer interactions in magnetic trilayer systems studied by XMCD-PEEM. Applied Physics A: Materials Science and Processing, 2008, 92, 505-510.	1.1	4
54	X-ray analysis of oxygen-induced perpendicular magnetic anisotropy in trilayers. Journal of Magnetism and Magnetic Materials, 2008, 320, 1889-1892.	1.0	28

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55	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
56	Analysis of oxygen induced anisotropy crossover in Pt/Co/MOx trilayers. Journal of Applied Physics, 2008, 104, .	1.1	200
57	X-ray analysis of the magnetic influence of oxygen in Ptâˆ•Coâˆ•AlOx trilayers. Journal of Applied Physics, 2008, 103, 07A912.	1.1	55
58	Layer-resolved imaging of domain wall interactions in magnetic tunnel junction-like trilayers. Journal of Physics Condensed Matter, 2007, 19, 476204.	0.7	10
59	Influence of topography and Co domain walls on the magnetization reversal of the FeNi layer inFeNiâˆ•Al2O3âˆ•Comagnetic tunnel junctions. Physical Review B, 2006, 74, .	1.1	8
60	Magnetization reversal, asymmetry, and role of uncompensated spins in perpendicular exchange coupled systems. Applied Physics Letters, 2006, 89, 232507.	1.5	20
61	Dynamics of Magnetic Domain Wall Motion after Nucleation: Dependence on the Wall Energy. Physical Review Letters, 2006, 96, 097204.	2.9	29
62	Magnetic relaxation measurements of exchange biased (Pt/Co) multilayers with perpendicular anisotropy. European Physical Journal B, 2005, 45, 185-190.	0.6	15
63	Mobility of domain wall motion in the permalloy layer of a spin-valve-like trilayer. Journal of Magnetism and Magnetic Materials, 2005, 293, 863-871.	1.0	16
64	Interplay between magnetic anisotropy and interlayer coupling in nanosecond magnetization reversal of spin-valve trilayers. Physical Review B, 2005, 71, .	1.1	8
65	Experimental evidence of a1âˆ•Hactivation law in nanostructures with perpendicular magnetic anisotropy. Physical Review B, 2005, 71, .	1.1	29
66	Magnetic relaxation of exchange biasedPtâˆ•Comultilayers studied by time-resolved Kerr microscopy. Physical Review B, 2005, 72, .	1.1	33
67	Influence of domain wall interactions on nanosecond switching in magnetic tunnel junctions. Physical Review B, 2005, 72, .	1.1	22
68	Exploring spin valve magnetization reversal dynamics with temporal, spatial and layer resolution: Influence of domain-wall energy. Applied Physics Letters, 2004, 85, 440-442.	1.5	19
69	Time and layer resolved magnetic domain imagig of FeNi/Cu/Co trilayers using x-ray photoelectron emission microscopy (invited). Journal of Applied Physics, 2004, 95, 6533-6536.	1.1	18
70	Growth mode and structural characterization of epitaxial TM/RE thin films. Journal of Alloys and Compounds, 2004, 362, 56-60.	2.8	5
71	Switching-mode-dependent magnetic interlayer coupling strength in spin valves and magnetic tunnel junctions. Physical Review B, 2004, 69, .	1.1	33
72	Field dependent exchange coupling in NiO/Co bilayers. Physical Review B, 2003, 67, .	1.1	40

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73	Time-Resolved X-Ray Magnetic Circular Dichroism â€" A Selective Probe of Magnetization Dynamics on Nanosecond Timescales. , 2003, , 157-187.		6
74	Perpendicular Interlayer Coupling inNi80Fe20/NiO/CoTrilayers. Physical Review Letters, 2003, 91, 027201.	2.9	70
75	Magnetic polarization of the La and Ce5dstates near the interfaces ofFe/LaHxandFe/CeHxmultilayers across the metal-insulator transition in the hydrides: An x-ray magnetic circular dichroism study. Physical Review B, 2003, 67, .	1.1	5
76	Time-resolved magnetic domain imaging by x-ray photoemission electron microscopy. Applied Physics Letters, 2003, 82, 2299-2301.	1.5	101
77	Exchange bias with perpendicular anisotropy in (Pt-Co)/sub n/-FeMn multilayers. IEEE Transactions on Magnetics, 2002, 38, 2730-2735.	1.2	45
78	Element-Selective Nanosecond Magnetization Dynamics in Magnetic Heterostructures. Physical Review Letters, 2001, 86, 3646-3649.	2.9	76
79	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
80	Magnetic interface polarization of the La-5d states in Fe/LaH x multilayers. Applied Physics A: Materials Science and Processing, 2001, 73, 717-721.	1.1	0
81	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
82	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
83	Dynamical properties of magnetization reversal in exchange-coupled NiO/Co bilayers. Physical Review B, 2001, 64, .	1.1	20
84	Magnetization reversal dynamics in exchange-coupled NiOâ€"Co bilayers. Journal of Applied Physics, 2001, 89, 6585-6587.	1.1	9
85	X-ray Magnetic Circular Dichroism in the Investigation of Magnetisation Dynamics in the Nanosecond Time Scale. Lecture Notes in Physics, 2001, , 347-354.	0.3	0
86	Element-specific magnetization reversal in Fe/Ce multilayers:. Journal of Magnetism and Magnetic Materials, 2000, 220, 195-204.	1.0	4
87	Evidence for high-spin-to-low-spin transition under pressure in Fe₇₂Pt₂₈ Invar alloy. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2000, 80, 155-163.	0.6	4
88	Nanosecond resolved techniques for dynamical magnetization reversal measurements. Journal of Applied Physics, 2000, 87, 5974-5976.	1.1	12
89	Local structure and ferromagnetic character of Fe-B and Fe-P amorphous alloys. Physical Review B, 2000, 62, 5746-5750.	1.1	36
90	Magnetic phase transitions in Fe 72 Pt 28 Invar compound studied by high-pressure X-ray magnetic circular dichroism and X-ray diffraction. Europhysics Letters, 1999, 47, 378-383.	0.7	26

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91	Perpendicular magnetic anisotropy and the reorientation transition of the magnetization inCeH2/Femultilayers probed by x-ray magnetic circular dichroism. Physical Review B, 1999, 59, 3707-3721.	1.1	17
92	Dispersive XAS at third-generation sources: strengths and limitations. Journal of Synchrotron Radiation, 1999, 6, 146-148.	1.0	22
93	X-ray magnetic circular dichroism with tunable polarization helicity. Journal of Synchrotron Radiation, 1999, 6, 1125-1132.	1.0	2
94	Evolution of magnetic and structural properties of nitrogenated TbFeCo thin films. Journal of Magnetism and Magnetic Materials, 1999, 191, 323-330.	1.0	1
95	Magnetic properties of amorphous nitrogenated TbFeCo thin films. Journal of Magnetism and Magnetic Materials, 1999, 193, 170-173.	1.0	4
96	Different ferromagnetic character of Fe in FeB and FeP amorphous alloys. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 204-206.	1.0	3
97	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. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1999, 79, 1295-1319.	0.7	9
98	Element-Specific Magnetization Reversal in Fe/Ce Multilayers. Materials Research Society Symposia Proceedings, 1999, 577, 575.	0.1	0
99	Nanosecond-resolved XMCD on ID24 at the ESRF to investigate the element-selective dynamics of magnetization switching of Gdâ€“Co amorphous thin film. Journal of Synchrotron Radiation, 1998, 5, 750-752.	1.0	12
100	Two recent developments in XMCD. Journal of Synchrotron Radiation, 1998, 5, 992-994.	1.0	9
101	Quarter-Wave Plates and X-ray Magnetic Circular Dichroism on ID24 at the ESRF. Journal of Synchrotron Radiation, 1998, 5, 1298-1303.	1.0	19
102	X-ray magnetic-circular-dichroism probe of a noncollinear magnetic arrangement below the spin reorientation transition inNd2Fe14B. Physical Review B, 1998, 57, 8424-8429.	1.1	29
103	Experimental evidence of pressure-induced magnetic phase transition in Fe72Pt28 Invar alloy. Journal of Applied Physics, 1998, 83, 7291-7293.	1.1	21
104	Microscopic origin of the macroscopic magnetic properties of TbFeCoN amorphous thin films. Physical Review B, 1997, 56, 8149-8155.	1.1	19
105	X-ray magnetic circular dichroism at the Gd L edges in Gd-Ni-Co amorphous systems. Physical Review B, 1997, 55, 3063-3070.	1.1	9
106	Direct Evidence of the Existence of Field-Induced Canted Sperimagnets Detected by X-Ray Magnetic Circular Dichroism. European Physical Journal Special Topics, 1997, 7, C2-397-C2-400.	0.2	1
107	X-ray magnetic circular dichroism and element-selective magnetic hysteresis in Fe/Cu/Co/Cu multilayers. Journal of Magnetism and Magnetic Materials, 1997, 166, 38-44.	1.0	7
108	Magnetic phase diagram of an amorphous Erâ€“Fe alloy studied by X-ray magnetic circular dichroism. Journal of Electron Spectroscopy and Related Phenomena, 1997, 86, 165-173.	0.8	12

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109	Effects of Spin-Dependent Spectral Weight on Magnetic Circular X-Ray Dichroism: Application to R(Ni_xCo_{1-x})₅Intermetallic Compounds. European Physical Journal Special Topics, 1997, 7, C2-447-C2-448.	0.2	0
110	Local electronic structure of ZnS and ZnSe doped by Mn, Fe, Co, and Ni from x-ray-absorption near-edge structure studies. Physical Review B, 1996, 53, 1119-1128.	1.1	65
111	Temperature and field-induced magnetization flips in amorphous Erâ€“Fe alloys evidenced by x-ray magnetic circular dichroism. Journal of Applied Physics, 1996, 79, 6497.	1.1	12
112	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
113	Correlation between XANES of the transition metals in ZnS and ZnSe and their limit of solubility. Physica B: Condensed Matter, 1995, 208-209, 497-499.	1.3	10
114	Local-spin-selective X-ray absorption and X-ray magnetic circular dichroism of MnP. Physica B: Condensed Matter, 1995, 208-209, 763-764.	1.3	2
115	Hard X-rays magnetic EXAFS. Physica B: Condensed Matter, 1995, 208-209, 751-754.	1.3	27
116	Spin polarisation of copper in Co/Cu and Fe/Cu multilayers. Physica B: Condensed Matter, 1995, 208-209, 755-756.	1.3	4
117	Quadrupolar transitions by MCXD at L edges? Search of evidence. Physica B: Condensed Matter, 1995, 208-209, 777-778.	1.3	1
118	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
119	Cu 2p X-ray absorption spectroscopy of thin copper films grown on Fe(001). Solid State Communications, 1995, 94, 569-572.	0.9	4
120	Magnetic and structural X-ray dichroÃ¯sms of metallic multilayers. Nuclear Instruments & Methods in Physics Research B, 1995, 97, 436-443.	0.6	2
121	Effects of spin-dependent spectral weight on magnetic circular x-ray dichroism: Applications toR(NixCo1â^'x)5intermetallic compounds. Physical Review B, 1995, 51, 15957-15963.	1.1	11
122	Perfect crystal and mosaic crystal quarterâ€wave plates for circular magnetic xâ€ray dichroism experiments. Review of Scientific Instruments, 1995, 66, 1549-1553.	0.6	44
123	Quadrupolar Effect in X-Ray Magnetic Circular Dichroism. Physical Review Letters, 1995, 75, 3186-3189.	2.9	47
124	Effect of hydrogen absorption on the cerium electronic state inCeFe11Ti: An x-ray-absorption and circular-magnetic-dichroism investigation. Physical Review B, 1995, 51, 9005-9014.	1.1	19
125	Evidence for the Spin Polarization of Copper in Co/Cu and Fe/Cu Multilayers. Physical Review Letters, 1995, 74, 1470-1473.	2.9	81
126	Local-spin-selective x-ray absorption and x-ray magnetic circular dichroism of MnP. Physical Review B, 1995, 51, 1045-1052.	1.1	52

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127	<title>X-ray phase plate for energy-dispersive and mononchromatic experiments</title>. , 1994, , .		8
128	Magnetic circular x-ray dichroism measurements of Fe-Co alloys and Fe/Co multilayers. Physical Review B, 1994, 50, 3779-3788.	1.1	59
129	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
130	Magnetic study of theCe2Fe17Hxcompounds: 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
131	Energy and polarization-tunable X-ray quarter-wave plates for energy dispersive absorption spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 349, 622-625.	0.7	52
132	Total electron yield exafs studies of (001) Au/Co monocrystalline multilayers. Solid State Communications, 1994, 90, 147-149.	0.9	8
133	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
134	Structural properties of (100) Fe/Ir superlattices. Surface Science, 1994, 319, 131-140.	0.8	13
135	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
136	Study of 5d magnetism in rare-earth-transition-metal (Fe, Co) intermetallic compounds by magnetic circular X-ray dichroism. Journal of Electron Spectroscopy and Related Phenomena, 1993, 62, 153-156.	0.8	52
137	Structure of metallic multilayers studied by X-ray absorption spectroscopy. Applied Surface Science, 1993, 69, 7-11.	3.1	3
138	Spin polarization in p-bands of copper in cobalt/copper multilayers. Journal of Magnetism and Magnetic Materials, 1993, 126, 251-254.	1.0	10
139	X-ray absorption spectroscopy for crystallographic and magnetic characterizations of metallic superlattices. Journal of Magnetism and Magnetic Materials, 1993, 121, 10-19.	1.0	4
140	Structural and magnetic properties of Cu/Co and Au/Co multilayers. Journal of Magnetism and Magnetic Materials, 1993, 121, 208-212.	1.0	25
141	Application of X-ray absorption spectroscopy to the structural characterisation of monodispersed benzotriazole coatings on partly oxidised copper thin films. Journal of Materials Chemistry, 1993, 3, 811.	6.7	6
142	Structure of Co/Cu multilayers studied by x-ray diffraction and x-ray absorption spectroscopy. Physical Review B, 1993, 47, 8754-8762.	1.1	24
143	Magnetic circular x-ray dichroism in Ce intermetallic compounds. Physical Review B, 1993, 48, 12732-12742.	1.1	112
144	Evidence for Spin Polarization of Metallic Copper in CO/Cu and Fe/Cu Multilayers. Materials Research Society Symposia Proceedings, 1993, 313, 625.	0.1	9

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145	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
146	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
147	Relation between the Local Structure and the Desactivation of As⁺ Heavily Implanted Silicon. Japanese Journal of Applied Physics, 1993, 32, 625.	0.8	1
148	EXAFS Study of Magnetic Metal Overlayers. NATO ASI Series Series B: Physics, 1993, , 229-241.	0.2	0
149	IrFe Superlattices: 3D Pseudomorphism of Fe on (111) F.c.c. Ir. Europhysics Letters, 1992, 18, 529-535.	0.7	11
150	Environments of ion-implanted As and Ga impurities in amorphous silicon. Physical Review B, 1992, 45, 6517-6533.	1.1	37
151	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
152	Multielectron excitations in rare-earth compounds revealed by magnetic circular x-ray dichroism. Physical Review B, 1992, 46, 3155-3158.	1.1	27
153	Structural characterization of Fe/Cu multilayers by x-ray absorption spectroscopy. Physical Review B, 1992, 46, 1253-1256.	1.1	34
154	Investigation of the local structure around iron dispersed in vinyl chlorideâ€“vinylidene chloride (VCâ€“VdC) copolymer coatings on mild steel using glancing-angle X-ray absorption spectroscopy. Journal of Materials Chemistry, 1992, 2, 49-55.	6.7	6
155	In situ studies of a dispersed platinum on carbon electrode using X-ray absorption spectroscopy. Journal of Electroanalytical Chemistry, 1992, 324, 243-258.	1.9	61
156	An essential property of synchrotron radiation: linear and circular polarization for X-ray absorption spectroscopy. Journal De Physique, I, 1992, 2, 1233-1255.	1.2	6
157	X-Ray absorption spectroscopy under conditions of total external reflection: application to the structural characterisation of the Cu/GaAs(100) interface. Faraday Discussions of the Chemical Society, 1990, 89, 51.	2.2	11
158	A fluorescence EXAFS study of the structure of copper-rich precipitates in Feâ€“Cu and Feâ€“Cuâ€“Ni alloys. Philosophical Magazine Letters, 1990, 61, 223-229.	0.5	123
159	The local atomic structure of the oxide coating on polished GaAs(100). Surface Science, 1990, 227, 337-346.	0.8	25
160	Instrumentation for glancing angle xâ€ray absorption spectroscopy on the Synchrotron Radiation Source. Review of Scientific Instruments, 1989, 60, 2525-2528.	0.6	49
161	Applications of glancing-angle X-ray absorption spectroscopy to the structural characterization of copper film surfaces. Physica B: Condensed Matter, 1989, 158, 676-678.	1.3	5
162	Assessment of the values of the Cî—¸H-stretching force constants in sugar molecules. Carbohydrate Research, 1988, 184, 1-11.	1.1	39

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163	Some Industrial Applications of Grazing Incident Exafs Techniques. Materials Research Society Symposia Proceedings, 1988, 143, 169.	0.1	1
164	A comparison between the structural, magnetic and surface properties of cobalt ferrites prepared by wet and ceramic methods. Journal of Magnetism and Magnetic Materials, 1978, 7, 52-57.	1.0	23
165	Comparison of structural and magnetic properties of Zn/Mn ferrites prepared by wet-chemical and ceramic methods. Materials Chemistry, 1977, 2, 241-251.	0.4	3
166	Dependence of coercivity on maximum applied field in dynamic magnetization reversal of Co/NiO bilayers. , 0, , .		0
167	Dependence of Neel "orange-peel" coupling on magnetization reversal process. , 0, , .		0
168	90Â° coupling in NiFe/NiO/Co trilayers. , 0, , .		0
169	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