

# Maurizio Sacchi

## List of Publications by Year in descending order

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175  
papers

3,986  
citations

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31  
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155451

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179  
all docs

179  
docs citations

179  
times ranked

4607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature and thickness dependence of magnetic moments in NiO epitaxial films. Physical Review B, 1998, 57, 11623-11631.	1.1	254
2	Probing depth of soft x-ray absorption spectroscopy measured in total-electron-yield mode. Surface and Interface Analysis, 1992, 18, 65-69.	0.8	186
3	Soft-x-ray-absorption studies of the location of extra charges induced by substitution in controlled-valence materials. Physical Review B, 1991, 44, 5419-5422.	1.1	172
4	RNiO <sub>3</sub> perovskites (R=Pr,Nd): Nickel valence and the metal-insulator transition investigated by x-ray-absorption spectroscopy. Physical Review B, 1992, 46, 14975-14984.	1.1	155
5	Femtosecond Single-Shot Imaging of Nanoscale Ferromagnetic Order in $\text{Co/Pd}$ Multilayers Using Resonant X-Ray Holography. Physical Review Letters, 2012, 108, 267403.	2.9	153
6	Copper phthalocyanine on Si(111)-7 $\text{\AA}$ and Si(001)-2 $\text{\AA}$ surfaces: an X-ray photoemission spectroscopy and synchrotron X-ray absorption spectroscopy study. Surface Science, 1994, 319, 251-266.	0.8	120
7	Fe 2p absorption in magnetic oxides: Quantifying angular-dependent saturation effects. Physical Review B, 2000, 62, 4187-4190.	1.1	96
8	Quantifying the effective attenuation length in high-energy photoemission experiments. Physical Review B, 2005, 71, .	1.1	79
9	Widely tunable two-colour seeded free-electron laser source for resonant-pump resonant-probe magnetic scattering. Nature Communications, 2016, 7, 10343.	5.8	77
10	Coherent Peaks and Minimal Probing Depth in Photoemission Spectroscopy of Mott-Hubbard Systems. Physical Review Letters, 2006, 97, 116401.	2.9	74
11	Experimental setup for high energy photoemission using synchrotron radiation. Review of Scientific Instruments, 2005, 76, 023909.	0.6	72
12	Chemical changes induced by sputtering in TiO <sub>2</sub> and some selected titanates as observed by X-ray absorption spectroscopy. Surface Science, 1993, 290, 427-435.	0.8	68
13	Unraveling the conduction mechanism of Al-doped ZnO films by valence band soft x-ray photoemission spectroscopy. Applied Physics Letters, 2005, 86, 042104.	1.5	65
14	Optical Constants of Ferromagnetic Iron via 2p Resonant Magnetic Scattering. Physical Review Letters, 1998, 81, 1521-1524.	2.9	64
15	Polarization and angular dependence of the L <sub>2,3</sub> absorption edges in Ni(110). Physical Review B, 1994, 49, 3230-3234.	1.1	63
16	High-energy photoemission in silver: resolving d and sp contributions in valence band spectra. Journal of Physics Condensed Matter, 2005, 17, 2671-2679.	0.7	61
17	The electronic structure of mesoscopic NiO particles. Chemical Physics Letters, 1993, 208, 460-464.	1.2	60
18	Magnetic X-Ray Dichroism Study of the Nearest-Neighbor Spin-Spin Correlation Function and Long-Range Magnetic Order Parameter in Antiferromagnetic NiO. Europhysics Letters, 1995, 32, 259-265.	0.7	59

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19	Ligand hole induced symmetry mixing of d8 states in $\text{Li}_x\text{Ni}_{1-x}\text{O}$ , as observed in Ni 2p x-ray absorption spectroscopy. Solid State Communications, 1991, 80, 67-71.	0.9	58
20	Experimental estimate of absorption length and total electron yield (TEY) probing depth in dysprosium. Journal of Electron Spectroscopy and Related Phenomena, 1994, 67, 181-188.	0.8	57
21	In-plane rotation of magnetic stripe domains in $\text{Fe}/\text{MgO}$ films. Physical Review B, 2015, 92, .	0.5	56
22	Resonant reflectivity from a Ni(110) crystal: Magnetic effects at the Ni 2p edges using linearly and circularly polarized photons. Physical Review B, 1998, 57, 8408-8415.	1.1	54
23	The SEXTANTS beamline at SOLEIL: a new facility for elastic, inelastic and coherent scattering of soft X-rays. Journal of Physics: Conference Series, 2013, 425, 072018.	0.3	54
24	Design and performance of AERHA, a high acceptance high resolution soft x-ray spectrometer. Review of Scientific Instruments, 2014, 85, 043108.	0.6	48
25	Strong dichroism in the Dy 3d $\pi$ x-ray absorption at Dy/Si(111) interfaces. Physical Review B, 1991, 43, 1276-1278.	1.1	39
26	Diamond UV detectors for future solar physics missions. Diamond and Related Materials, 2001, 10, 673-680.	1.8	37
27	Plane-grating flat-field soft x-ray spectrometer. Review of Scientific Instruments, 2005, 76, 023110.	0.6	37
28	Polarization dependence of the Cu 2p absorption spectra in $(\text{Bi}_{0.84}\text{Pb}_{0.16})_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ . Physical Review B, 1990, 42, 7914-7917.	1.1	36
29	Magnetic properties of $\text{Fe}_2\text{O}_3(001)$ thin layers studied by soft x-ray linear dichroism. Physical Review B, 2001, 64, .	1.1	34
30	Metal phthalocyanines (MPC, $\text{M} \rightarrow \text{Ni, Cu}$ ) on Cu(001) and Si(001) surfaces studied by XPS, XAS and STM. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 219-224.	0.8	32
31	Soft-x-ray resonant scattering from V/Fe (001) magnetic superlattices. Physical Review B, 1999, 60, R12569-R12572.	1.1	31
32	Electronic structure of Al- and Ga-doped ZnO films studied by hard X-ray photoelectron spectroscopy. APL Materials, 2014, 2, .	2.2	31
33	Ultrahigh-vacuum soft x-ray reflectometer. Review of Scientific Instruments, 2003, 74, 2791-2795.	0.6	30
34	Testing spin-flip scattering as a possible mechanism of ultrafast demagnetization in ordered magnetic alloys. Physical Review B, 2014, 90, .	1.1	29
35	Future Diamond UV Imagers For Solar Physics. Physica Status Solidi A, 2000, 181, 141-149.	1.7	27
36	X-ray-absorption study of the magnetic moments in thin Ni layers on Fe(100). Physical Review B, 1994, 50, 7157-7160.	1.1	26

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37	Resonant magnetic scattering of polarized soft x rays: Specular reflectivity and Bragg diffraction from multilayers. Physical Review B, 1998, 57, 108-111.	1.1	26
38	Magnetization and Microstructure Dynamics in $\text{MnAs}$ . $\text{MnAs}$ (stretchy="false")		
39	Laser Pulse. Physical Review Letters, 2014, 113, 247202. Interactions between alumina and high lead glasses for hybrid components. Journal of Applied Physics, 1989, 65, 146-153.	1.1	25
40	Metal-nonmetal transition in NiS induced by Fe and Co substitution: X-ray-absorption spectroscopic study. Physical Review B, 1993, 48, 16942-16947.	1.1	25
41	Magnetic dichroism in reflectivity and photoemission using linearly polarized light: 3p core level of Ni(110). Physical Review B, 1998, 58, 3750-3754.	1.1	25
42	Ligand-field atomic-multiplet calculations for arbitrary symmetry. Physical Review B, 2000, 61, 13540-13544.	1.1	25
43	Uniaxial anisotropy and temperature driven magnetization reversal of Fe deposited on a $\text{MnAs}$ . $\text{MnAs}$ (stretchy="false")	1.1	25
44	Valence-band electronic structure of $\text{V}_2\text{O}_5$ . $\text{V}_2\text{O}_5$ (stretchy="false") Identification of V and O bands. Physical Review B, 2009, 80, .	1.1	25
45	High $T_c$ superconductivity in $\text{YBaCuO}$ screen-printed films. Applied Physics Letters, 1988, 53, 1110-1112.	1.5	24
46	X-ray method to study temperature-dependent stripe domains in $\text{MnAs}\cdot\text{GaAs}(001)$ . Applied Physics Letters, 2005, 86, 053112.	1.5	24
47	RefLEXAFS investigation of the local atomic structure around Fe during the oxidation of stainless steel. Journal Physics D: Applied Physics, 1989, 22, 542-546.	1.3	23
48	Backside-illuminated scientific CMOS detector for soft X-ray resonant scattering and ptychography. Journal of Synchrotron Radiation, 2020, 27, 1577-1589.	1.0	23
49	Magnetostatic and exchange coupling in the magnetization reversal of trilayer nanodots. Journal Physics D: Applied Physics, 2008, 41, 134014.	1.3	22
50	Thermal switching of the magnetization in an iron film on a magnetically active template $\text{MnAs}/\text{GaAs}(001)$ . Physical Review B, 2010, 81, .	1.1	22
51	Absorption cross sections at the $M_{4,5}$ edges of rare earths: a soft X-ray transmission experiment. Journal of Electron Spectroscopy and Related Phenomena, 1995, 74, 187-194.	0.8	20
52	Magnetic properties of Fe and Tb in $\text{Tb}_x\text{Fe}_{1-x}$ amorphous films studied with soft X-ray circular and linear dichroism. Journal of Magnetism and Magnetic Materials, 1995, 150, 293-303.	1.0	20
53	Magnetic moments in as-deposited and annealed Ni layers on $\text{Fe}(001)$ : An x-ray-dichroism study. Physical Review B, 1996, 53, 3409-3414.	1.1	20
54	Attenuation lengths of low-energy electrons in solids: The case of $\text{CoO}$ . Physical Review B, 2008, 77, .	1.1	20

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55	Observation of Magnetic Helicoidal Dichroism with Extreme Ultraviolet Light Vortices. Physical Review Letters, 2022, 128, 077401.	2.9	20
56	Phase transitions in Ru based thick film (cermet) resistors. Journal of Applied Physics, 1988, 63, 2267-2271.	1.1	19
57	Electronic density of empty states of Ge/Si(111) epitaxial layers: Theory and experiment. Physical Review B, 1999, 60, 5759-5769.	1.1	19
58	X-ray absorption spectroscopy in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> superconductors with variable oxygen content. European Physical Journal B, 1988, 72, 335-343.	0.6	18
59	Hysteresis curves of ferromagnetic and antiferromagnetic order in metallic multilayers by resonant x-ray scattering. Physical Review B, 2002, 66, .	1.1	18
60	Charge transfer at the metal-insulator transition in $V_2O_3$ thin films by resonant inelastic x-ray scattering. Physical Review B, 2008, 77, .	1.1	18
61	Direct observation of Al-doping-induced electronic states in the valence band and band gap of ZnO films. Physical Review B, 2011, 84, .	1.1	18
62	Pump-probe experiments at the TEMPO beamline using the low- $\lambda$ operation mode of Synchrotron SOLEIL. Journal of Synchrotron Radiation, 2017, 24, 886-897.	1.0	18
63	Atomic Local Coordinations and Multivalent States in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>9-<math>\delta</math></sub> Superconductors. Europhysics Letters, 1987, 4, 851-856.	0.7	17
64	Valency changeover in Sm layers on Si(111)7 $\times$ 7 studied with soft-x-ray-absorption spectroscopy. Physical Review B, 1993, 47, 3797-3801.	1.1	16
65	Magnetic effects on the resonant X-ray reflectivity: circular dichroism at the 2p edges of Ni. Journal of Magnetism and Magnetic Materials, 1995, 147, L11-L15.	1.0	16
66	SB7: the new bending-magnet double-headed dragon beamline at SuperACO. Journal of Synchrotron Radiation, 2000, 7, 5-11.	1.0	16
67	Imaging the antiparallel magnetic alignment of adjacent Fe and MnAs thin films. Applied Physics Letters, 2008, 93, .	1.5	16
68	Magnetic imaging by Fourier transform holography using linearly polarized x-rays. Optics Express, 2012, 20, 9769.	1.7	16
69	Anisotropic empty electron-band states at the pseudo-5 $\times$ 5 Si(111)/Cu interface. Physical Review B, 1991, 44, 1958-1961.	1.1	15
70	Bulk electronic properties of the bilayered manganite La <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> from hard-x-ray photoemission. Physical Review B, 2007, 75, .	1.1	15
71	Extended reciprocal space observation of artificial spin ice with x-ray resonant magnetic scattering. Physical Review B, 2013, 88, .	1.1	15
72	Surface X-ray dichroism for crystal field studies. Applied Surface Science, 1992, 56-58, 1-5.	3.1	14

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73	Resonant inelastic X-ray scattering from highly correlated Ce multilayers. Physica B: Condensed Matter, 1999, 259-261, 1136-1137.	1.3	14
74	Soft X-ray resonant magnetic scattering from thin Ni layers on Cu(110). Surface Science, 1999, 442, 349-356.	0.8	14
75	Study of the growth of ultrathin films of NiO on Cu(111). Surface and Interface Analysis, 2000, 30, 396-400.	0.8	14
76	High resolution HAXPES and status of the VOLPE project. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 547, 56-63.	0.7	14
77	Magnetic reconfiguration of MnAs <sup>+</sup> GaAs(001) observed by magnetic force microscopy and resonant soft x-ray scattering. Journal of Applied Physics, 2006, 100, 083906.	1.1	14
78	Hard X-ray PhotoEmission Spectroscopy of strongly correlated systems. Comptes Rendus Physique, 2008, 9, 524-536.	0.3	14
79	Analysis of surface-bulk screening competition in the electron-doped $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Nd} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{ using x-ray photo. Physical Review B, 2008, 77, .$	1.1	14
80	Rotatable anisotropy of epitaxial Fe <sup>1+</sup> xGax thin films. European Physical Journal B, 2013, 86, 1.	0.6	14
81	Thermally induced magnetization switching in Fe/MnAs/GaAs(001): selectable magnetic configurations by temperature and field control. Scientific Reports, 2015, 5, 8120.	1.6	14
82	Electromagnetic theory of helicoidal dichroism in reflection from magnetic structures. Physical Review A, 2021, 103, .	1.0	14
83	Linear-dichroism studies of thin Dy overlayers on Ni(110) and Cu(110) substrates. Physical Review B, 1993, 48, 2711-2720.	1.1	13
84	Grazing incidence reflectivity and total electron yield effects in soft x-ray absorption spectroscopy. Journal of Applied Physics, 1997, 82, 3120-3124.	1.1	13
85	Resonant inelastic x-ray scattering at the L <sub>3</sub> edge of samarium. Physical Review B, 1999, 60, 14128-14131.	1.1	13
86	Resonant magnetic scattering from fcc Cu/Fe/Cu/Si(111) heterostructures. Physical Review B, 2001, 64, .	1.1	13
87	Magnetic order in a submicron patterned permalloy film studied by resonant x-ray scattering. Physical Review B, 2004, 69, .	1.1	13
88	Comparison of hard and soft x-ray photoelectron spectra of silicon. Physical Review B, 2007, 76, .	1.1	13
89	X-ray holographic imaging of magnetic order in patterned Co/Pd multilayers. Physical Review B, 2013, 88, .	1.1	13
90	COMET: a new end-station at SOLEIL for coherent magnetic scattering in transmission. Journal of Synchrotron Radiation, 2019, 26, 280-290.	1.0	13

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91	Magnetic ordering in Tb <sub>x</sub> Fe <sub>1-x</sub> amorphous films: An application of x-ray dichroism with linearly polarized light. Applied Physics Letters, 1991, 59, 872-874.	1.5	12
92	Ultrathin epitaxial rare-earth silicide interfaces on Si(111) 7 Å <sup>-1</sup> . Applied Surface Science, 1992, 56-58, 568-571.	3.1	12
93	Local magnetic moment coupling of Gd on Fe(100) studied by magnetic dichroism in angular-dependent photoemission. Physical Review B, 1998, 58, R5916-R5919.	1.1	12
94	Static and dynamical properties of circular NiFe/Cu/Co nanodisks. Journal of Applied Physics, 2008, 103, 07C512.	1.1	12
95	Size Effects in Ruthenium-Based Thick-Film Resistors: Rutile vs. Pyrochlore-Based Resistors. Active and Passive Electronic Components, 1991, 14, 163-173.	0.3	11
96	Antiferromagnetic hysteresis in magnetoresistive multilayers investigated by x-ray resonant scattering. Applied Physics Letters, 2002, 81, 3425-3427.	1.5	11
97	Bulk electronic properties of V <sub>2</sub> O <sub>3</sub> probed by hard X-ray photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2007, 156-158, 64-67.	0.8	11
98	Linear and circular dichroism with soft X-rays. Journal of Electron Spectroscopy and Related Phenomena, 1992, 58, 393-398.	0.8	10
99	Soft X-ray absorption spectroscopy in transmission mode: Ce M <sub>4,5</sub> edges. Journal of Electron Spectroscopy and Related Phenomena, 1995, 71, 31-37.	0.8	10
100	Surface crystal field at the Er/Si(111) interface studied by soft-x-ray linear dichroism. Physical Review B, 1995, 52, 14035-14039.	1.1	10
101	Bulk sensitive photoemission: first results of VOLPE project at ESRF. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 963-966.	0.8	10
102	Results and perspectives in hard X-ray photoemission spectroscopy (HAXPES) from solids. Nuclear Instruments & Methods in Physics Research B, 2006, 246, 106-111.	0.6	10
103	2p absorption spectra of atomic copper using the soft X-ray absorption and total photoion yield methods. Journal of Physics B: Atomic, Molecular and Optical Physics, 1994, 27, 3389-3398.	0.6	9
104	Tuning the period of elastic MnAs/GaAs(001) $\hat{\Gamma}$ - $\hat{\Gamma}$ <sup>2</sup> pattern by Fe deposition. Applied Physics Letters, 2010, 97, 251914.	1.5	9
105	Transmission diffractive patterns of large microchannel plates at soft X-ray energies. Nuclear Instruments & Methods in Physics Research B, 2017, 402, 282-286.	0.6	9
106	Element Selective Probe of the Ultra-Fast Magnetic Response to an Element Selective Excitation in Fe-Ni Compounds Using a Two-Color FEL Source. Photonics, 2017, 4, 6.	0.9	9
107	Surface X-ray dichroism of rare-earths. Surface Science, 1991, 251-252, 346-349.	0.8	8
108	Study of CuO <sub>y</sub> layers on Si and MgO by a combination of ion beam analysis (RBS/NRA), X-ray photoemission spectroscopy (XPS) and X-ray absorption spectroscopy (XAS). Applied Surface Science, 1993, 64, 313-327.	3.1	8

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109	L2L3VCoster-Kronig decay in nickel: The near-edge region. Physical Review B, 1999, 59, 9898-9902.	1.1	8
110	X-ray dichroism of Dy overlayers on Ni(110). Surface Science, 1991, 248, L245-L249.	0.8	7
111	Empty state anisotropies in ultrathin Ni/Si(111)7 Å– 7 and Cu/Si(111)7 Å– 7 interfaces. Surface Science, 1991, 251-252, 301-304.	0.8	7
112	Crystal field induced linear dichroism in the 3d X-ray absorption of rare-earths. Solid State Communications, 1992, 81, 977-980.	0.9	7
113	Study of the relation between composition and physical properties of YBaCuO thin films using RBS, NRA, XRD, XAS and $I_{\pm}(T)$ . Applied Surface Science, 1993, 65-66, 179-186.	3.1	7
114	POLARIZATION-DEPENDENT SOFT X-RAY SPECTROSCOPIES. Surface Review and Letters, 1997, 04, 343-352.	0.5	7
115	Evidence of ordered phase of Ge $\epsilon$ -Si heterostructures by X-ray absorption spectroscopy at Ge L3 edge. Surface Science, 1998, 416, 466-471.	0.8	7
116	Resonant scattering of polarized soft X-rays for the study of magnetic oxide layers. Journal of Electron Spectroscopy and Related Phenomena, 1999, 101-103, 407-412.	0.8	7
117	Study of the magnetic order in a Co/Cr multilayer by magnetic Bragg diffraction at the Co 2p resonance. Journal of Magnetism and Magnetic Materials, 2000, 218, 137-143.	1.0	7
118	Coupling between an incommensurate antiferromagnetic structure and a soft ferromagnet in the archetype multiferroic $\text{BiFeO}_3$ system. Physical Review B, 2015, 91, .	1.1	7
119	Stoichiometry and disorder influence over electronic structure in nanostructured VOx films. Journal of Nanoparticle Research, 2021, 23, 1.	0.8	7
120	Nonlinear harmonics of a seeded free-electron laser as a coherent and ultrafast probe to investigate matter at the water window and beyond. Physical Review A, 2022, 105, .	1.0	7
121	X-ray dichroism of Dy overlayers on a magnetic substrate. Applied Surface Science, 1993, 65-66, 170-174.	3.1	6
122	Exchange mechanisms at the Ge/Si(001) interface from a multiple-scattering analysis of the GeL3absorption edge. Physical Review B, 1998, 58, 4095-4101.	1.1	6
123	Surface and bulk contributions in magnetic linear dichroism in the angular dependence from ferromagnetic transition metals. Physical Review B, 2002, 66, .	1.1	6
124	Experimental setup for lensless imaging via soft x-ray resonant scattering. Review of Scientific Instruments, 2007, 78, 043702.	0.6	6
125	Time resolved pump-probe scattering in MnAs/GaAs(001): A look into the dynamics of $\hat{I}_{\pm}$ - $\hat{I}^2$ stripe domains. Applied Physics Letters, 2012, 100, 211905.	1.5	6
126	Four-state magnetic configuration in a tri-layer asymmetric ring. Applied Physics Letters, 2015, 107, 202404.	1.5	6



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127	Ultrafast Structural Dynamics along the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\hat{1}^2 \langle \text{mml:mi} \rangle \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{1}^2 \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{1}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Phase Transition Path in MnAs. <i>Physical Review Letters</i> , 2019, 122, 145702.	2.9	6
128	Magnetoresistance in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Fe} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0.8 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ thin films with magnetic stripes: The role of the three-dimensional magnetic structure. <i>Physical Review B</i> , 2020, 102, .	1.1	6
129	Alkali effects on bubble formation in irradiated borosilicate glasses. <i>Materials Letters</i> , 1985, 4, 10-12.	1.3	5
130	Glancing angle X-ray spectroscopy of oxidised stainless-steel surfaces. <i>Physica B: Condensed Matter</i> , 1989, 158, 690-691.	1.3	5
131	Magnetic circular dichroism in transmission mode at the Ni 2p edges. <i>Solid State Communications</i> , 1995, 93, 25-28.	0.9	5
132	An X-ray dichroism study of magnetic and crystal field effects in thin rare earth overlayers. <i>Surface Science</i> , 1996, 365, 831-839.	0.8	5
133	X-ray absorption at Ge L <sub>3</sub> edges as a tool to investigate Ge/Si(001) interfaces and heterostructures. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 1998, 16, 1616.	1.6	5
134	Dichroism in X-ray Absorption. <i>Lecture Notes in Physics</i> , 2001, , 87-108.	0.3	5
135	L2L3V Costerâ€™Kronig decay in Fe: the near-edge region. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 123, 397-401.	0.8	5
136	Resonant diffuse X-ray scattering from magnetic multilayers. <i>Physica B: Condensed Matter</i> , 2004, 345, 153-156.	1.3	5
137	Temperature and field dependent magnetization in a sub- $\hat{1}/4\text{m}$ patterned Co/FeRh film studied by resonant x-ray scattering. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 205003.	1.3	5
138	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
139	Resonant inelastic X-ray scattering as a probe of 4f hybridization in Ce. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999, 101-103, 733-738.	0.8	4
140	MAGNETIC COUPLING IN THIN LAYERS AND SUPERLATTICES INVESTIGATED BY RESONANT SCATTERING OF POLARIZED SOFT X-RAYS. <i>Surface Review and Letters</i> , 2002, 09, 811-820.	0.5	4
141	IRMA-2 at SOLEIL: a set-up for magnetic and coherent scattering of polarized soft x-rays. <i>Journal of Physics: Conference Series</i> , 2013, 425, 202009.	0.3	4
142	Dynamics of the MnAs $\hat{1}\pm\hat{1}^2$ -Striped Microstructure and of the Fe Magnetization Reversal in Fe/MnAs/GaAs(001): An Optical-Laser Pumpâ€™Free-Electron-Laser Probe Scattering Experiment. <i>Photonics</i> , 2017, 4, 21.	0.9	4
143	NEAR EDGE X-RAY ABSORPTION AND X-RAY PHOTOELECTRON DIFFRACTION STUDIES OF THE STRUCTURAL ENVIRONMENT OF Geâ€™Si SYSTEMS. <i>Surface Review and Letters</i> , 2000, 07, 307-331.	0.5	3
144	Dynamics of Laser-Induced Magnetostructural Phase Transitions in MnAs/GaAs (001) Epitaxial Layers. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-4.	1.2	3

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145	Layer-sensitive magneto-optical Kerr effect study of magnetization reversal in Fe/MnAs/GaAs(001). Applied Physics Letters, 2017, 111, .	1.5	3
146	Strong anisotropies in the unoccupied electronic structure of Si(111)/Cu interfaces via polarization dependent Cu L <sub>2,3</sub> XAS. Applied Surface Science, 1992, 56-58, 563-567.	3.1	2
147	Valency changeover at the Sm/Si(111)7x7 interface through chemisorption and epitaxy. Applied Surface Science, 1993, 65-66, 729-734.	3.1	2
148	Absorption spectroscopy at the Cu-2p edges in Cu/Si(111)7 Å– 7 interface. Solid State Communications, 1994, 91, 989-992.	0.9	2
149	Interface magnetometry in a (Fe6Å.../Ni24Å...)10 multilayer. Applied Surface Science, 2001, 175-176, 281-287.	3.1	2
150	Structure modulated LMDAD effects in BCC-Fe vs. RCP-Fe. Journal of Magnetism and Magnetic Materials, 2001, 233, 123-126.	1.0	2
151	Configuration interaction in L <sub>2,3</sub> -edge resonant inelastic x-ray scattering spectra of CaF <sub>2</sub> and ScAl <sub>2</sub> . Physical Review B, 2003, 67, .	1.1	2
152	Resonant inelastic X-ray scattering applied to the electronic structure of strongly correlated systems: The YBCO case. Nuclear Instruments & Methods in Physics Research B, 2006, 246, 176-179.	0.6	2
153	Structure and Magnetism of Orthorhombic Epitaxial FeMnAs. Crystal Growth and Design, 2013, 13, 4279-4284.	1.4	2
154	Soft X-Ray Magneto-Optics: Probing Magnetism by Resonant Scattering Experiments. IEEE Transactions on Magnetics, 2013, 49, 4711-4716.	1.2	2
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