

# Maurizio Sacchi

## List of Publications by Year in descending order

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175  
papers

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179  
docs citations

179  
times ranked

4607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Magnetic Helicoidal Dichroism with Extreme Ultraviolet Light Vortices. Physical Review Letters, 2022, 128, 077401.	2.9	20
2	The COMIX polarimeter: a compact device for XUV polarization analysis. Journal of Synchrotron Radiation, 2022, 29, 969-977.	1.0	1
3	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
4	Stoichiometry and disorder influence over electronic structure in nanostructured VOx films. Journal of Nanoparticle Research, 2021, 23, 1.	0.8	7
5	Electromagnetic theory of helicoidal dichroism in reflection from magnetic structures. Physical Review A, 2021, 103, .	1.0	14
6	Soft X-ray Lensless Imaging in Reflection Mode. Photonics, 2021, 8, 569.	0.9	0
7	Magnetoresistance in $\text{Fe}_{1-x}\text{Mn}_x$ thin films with magnetic stripes: The role of the three-dimensional magnetic structure. Physical Review B, 2020, 102, .	1.1	6
8	Threshold MnAs thickness for the formation of ordered $\hat{I}_{\pm}/\hat{I}^2$ stripes in MnAs/GaAs(001). Journal Physics D: Applied Physics, 2020, 53, 265005.	1.3	0
9	Backside-illuminated scientific CMOS detector for soft X-ray resonant scattering and ptychography. Journal of Synchrotron Radiation, 2020, 27, 1577-1589.	1.0	23
10	Ultrafast Structural Dynamics along the $\hat{I}^2$ Phase Transition Path in MnAs. Physical Review Letters, 2019, 122, 145702.	2.9	6
11	COMET: a new end-station at SOLEIL for coherent magnetic scattering in transmission. Journal of Synchrotron Radiation, 2019, 26, 280-290.	1.0	13
12	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
13	Dynamics of Laser-Induced Magnetostructural Phase Transitions in MnAs/GaAs (001) Epitaxial Layers. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	3
14	Pump-probe experiments at the TEMPO beamline using the low- $\hat{I}_{\pm}$ operation mode of Synchrotron SOLEIL. Journal of Synchrotron Radiation, 2017, 24, 886-897.	1.0	18
15	Layer-sensitive magneto-optical Kerr effect study of magnetization reversal in Fe/MnAs/GaAs(001). Applied Physics Letters, 2017, 111, .	1.5	3
16	Thermally induced magnetization switching in Fe/MnAs bilayers and ultrafast dynamics of magneto-structural phase transitions in MnAs. , 2017, , .		0
17	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
18	Dynamics of the MnAs $\hat{I}_{\pm}/\hat{I}^2$ -Striped Microstructure and of the Fe Magnetization Reversal in Fe/MnAs/GaAs(001): An Optical-Laser Pump-Free-Electron-Laser Probe Scattering Experiment. Photonics, 2017, 4, 21.	0.9	4

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19	Combined effects of vertical and lateral confinement on the magnetic properties of MnAs micro and nano-ribbons. Journal of Applied Physics, 2016, 120, 093905.	1.1	2
20	Widely tunable two-colour seeded free-electron laser source for resonant-pump resonant-probe magnetic scattering. Nature Communications, 2016, 7, 10343.	5.8	77
21	Temperature and field dependent magnetization in a sub- $\frac{1}{4}\mu\text{m}$ patterned Co/FeRh film studied by resonant x-ray scattering. Journal Physics D: Applied Physics, 2016, 49, 205003.	1.3	5
22	In-plane rotation of magnetic stripe domains in $\text{Fe}/\text{MnAs}/\text{GaAs}$ films. Physical Review B, 2015, 92, .	1.1	5
23	Publisher's Note: Coupling between an incommensurate antiferromagnetic structure and a soft ferromagnet in the archetype multiferroic $\text{BiFeO}_3$ system [Phys. Rev. B <b>91</b> (2015) 014402 (2015)]. Physical Review B, 2015, 91, .	1.1	0
24	Four-state magnetic configuration in a tri-layer asymmetric ring. Applied Physics Letters, 2015, 107, 202404.	1.5	6
25	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
26	Optically induced Fe magnetization reversal in $\text{Fe}/\text{MnAs}/\text{GaAs}(001)$ . Proceedings of SPIE, 2015, , .	0.8	0
27	Thermally induced magnetization switching in $\text{Fe}/\text{MnAs}/\text{GaAs}(001)$ : selectable magnetic configurations by temperature and field control. Scientific Reports, 2015, 5, 8120.	1.6	14
28	Magnetization and Microstructure Dynamics in $\text{Fe}/\text{MnAs}/\text{GaAs}$ Laser Pulse. Physical Review Letters, 2014, 113, 247202.	2.9	26
29	Design and performance of AERHA, a high acceptance high resolution soft x-ray spectrometer. Review of Scientific Instruments, 2014, 85, 043108.	0.6	48
30	Testing spin-flip scattering as a possible mechanism of ultrafast demagnetization in ordered magnetic alloys. Physical Review B, 2014, 90, .	1.1	29
31	Electronic structure of Al- and Ga-doped ZnO films studied by hard X-ray photoelectron spectroscopy. APL Materials, 2014, 2, .	2.2	31
32	Structure and Magnetism of Orthorhombic Epitaxial $\text{FeMnAs}$ . Crystal Growth and Design, 2013, 13, 4279-4284.	1.4	2
33	Rotatable anisotropy of epitaxial $\text{Fe}/\text{GaAs}$ thin films. European Physical Journal B, 2013, 86, 1.	0.6	14
34	Soft X-Ray Magneto-Optics: Probing Magnetism by Resonant Scattering Experiments. IEEE Transactions on Magnetics, 2013, 49, 4711-4716.	1.2	2
35	X-ray holographic imaging of magnetic order in patterned Co/Pd multilayers. Physical Review B, 2013, 88, .	1.1	13
36	Extended reciprocal space observation of artificial spin ice with x-ray resonant magnetic scattering. Physical Review B, 2013, 88, .	1.1	15

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37	IRMA-2 at SOLEIL: a set-up for magnetic and coherent scattering of polarized soft x-rays. Journal of Physics: Conference Series, 2013, 425, 202009.	0.3	4
38	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
39	X-ray holographic imaging of magnetic order in meander domain structures. EPJ Web of Conferences, 2013, 40, 01001.	0.1	0
40	Magnetic imaging by Fourier transform holography using linearly polarized x-rays. Optics Express, 2012, 20, 9769.	1.7	16
41	Time resolved pump-probe scattering in MnAs/GaAs(001): A look into the dynamics of $\hat{1}\pm\hat{1}^2$ stripe domains. Applied Physics Letters, 2012, 100, 211905.	1.5	6
42	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
43	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
44	Thermal switching of the magnetization in an iron film on a magnetically active template MnAs/GaAs(001). Physical Review B, 2010, 81, .	1.1	22
45	Tuning the period of elastic MnAs/GaAs(001) $\hat{1}\pm\hat{1}^2$ pattern by Fe deposition. Applied Physics Letters, 2010, 97, 251914.	1.5	9
46	Valence-band electronic structure of $\text{V}_2\text{O}_5$ Identification of V and O bands. Physical Review B, 2009, 80, .	1.1	25
47	Hard X-ray PhotoEmission Spectroscopy of strongly correlated systems. Comptes Rendus Physique, 2008, 9, 524-536.	0.3	14
48	Magnetostatic and exchange coupling in the magnetization reversal of trilayer nanodots. Journal Physics D: Applied Physics, 2008, 41, 134014.	1.3	22
49	Charge transfer at the metal-insulator transition in $\text{V}_2\text{O}_3$ thin films by resonant inelastic x-ray scattering. Physical Review B, 2008, 77, .	1.1	18
50	Imaging the antiparallel magnetic alignment of adjacent Fe and MnAs thin films. Applied Physics Letters, 2008, 93, .	1.5	16
51	Uniaxial anisotropy and temperature driven magnetization reversal of Fe deposited on a $\text{MnAs/GaAs}$ thin film. Applied Physics Letters, 2008, 93, .	1.1	25
52	Static and dynamical properties of circular NiFe/Cu/Co nanodisks. Journal of Applied Physics, 2008, 103, 07C512.	1.1	12
53	Attenuation lengths of low-energy electrons in solids: The case of CoO. Physical Review B, 2008, 77, .	1.1	20
54	Analysis of surface-bulk screening competition in the electron-doped $\text{Nd}_2\text{CuO}_4$ using x-ray photo. Physical Review B, 2008, 77, .	1.1	14

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55	Bulk electronic properties of the bilayered manganite $\text{La}_{1.2}\text{Sr}_{1.8}\text{Mn}_2\text{O}_7$ from hard-x-ray photoemission. <i>Physical Review B</i> , 2007, 75, .	1.1	15
56	Experimental setup for lensless imaging via soft x-ray resonant scattering. <i>Review of Scientific Instruments</i> , 2007, 78, 043702.	0.6	6
57	Comparison of hard and soft x-ray photoelectron spectra of silicon. <i>Physical Review B</i> , 2007, 76, .	1.1	13
58	Bulk electronic properties of $\text{V}_2\text{O}_3$ probed by hard X-ray photoelectron spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 156-158, 64-67.	0.8	11
59	Results and perspectives in hard X-ray photoemission spectroscopy (HAXPES) from solids. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2006, 246, 106-111.	0.6	10
60	Resonant inelastic X-ray scattering applied to the electronic structure of strongly correlated systems: The YBCO case. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2006, 246, 176-179.	0.6	2
61	Magnetic reconfiguration of $\text{MnAsGaAs}(001)$ observed by magnetic force microscopy and resonant soft x-ray scattering. <i>Journal of Applied Physics</i> , 2006, 100, 083906.	1.1	14
62	Coherent Peaks and Minimal Probing Depth in Photoemission Spectroscopy of Mott-Hubbard Systems. <i>Physical Review Letters</i> , 2006, 97, 116401.	2.9	74
63	High resolution HAXPES and status of the VOLPE project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 547, 56-63.	0.7	14
64	Bulk sensitive photoemission: first results of VOLPE project at ESRF. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 963-966.	0.8	10
65	Plane-grating flat-field soft x-ray spectrometer. <i>Review of Scientific Instruments</i> , 2005, 76, 023110.	0.6	37
66	High-energy photoemission in silver: resolving d and sp contributions in valence band spectra. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 2671-2679.	0.7	61
67	Experimental setup for high energy photoemission using synchrotron radiation. <i>Review of Scientific Instruments</i> , 2005, 76, 023909.	0.6	72
68	Response to "Comment on "Unraveling the conduction mechanism of Al-doped ZnO films by valence band soft X-ray photoemission" [Appl. Phys. Lett. 86, 216101 (2005)]. <i>Applied Physics Letters</i> , 2005, 86, 216102.	1.5	1
69	X-ray method to study temperature-dependent stripe domains in $\text{MnAsGaAs}(001)$ . <i>Applied Physics Letters</i> , 2005, 86, 053112.	1.5	24
70	Unraveling the conduction mechanism of Al-doped ZnO films by valence band soft x-ray photoemission spectroscopy. <i>Applied Physics Letters</i> , 2005, 86, 042104.	1.5	65
71	Quantifying the effective attenuation length in high-energy photoemission experiments. <i>Physical Review B</i> , 2005, 71, .	1.1	79
72	Magnetic order in a submicron patterned permalloy film studied by resonant x-ray scattering. <i>Physical Review B</i> , 2004, 69, .	1.1	13

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73	Resonant diffuse X-ray scattering from magnetic multilayers. <i>Physica B: Condensed Matter</i> , 2004, 345, 153-156.	1.3	5
74	Ultrahigh-vacuum soft x-ray reflectometer. <i>Review of Scientific Instruments</i> , 2003, 74, 2791-2795.	0.6	30
75	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> . <i>Physical Review B</i> , 2003, 67, .	1.1	2
76	Antiferromagnetic hysteresis in magnetoresistive multilayers investigated by x-ray resonant scattering. <i>Applied Physics Letters</i> , 2002, 81, 3425-3427.	1.5	11
77	Surface and bulk contributions in magnetic linear dichroism in the angular dependence from ferromagnetic transition metals. <i>Physical Review B</i> , 2002, 66, .	1.1	6
78	RESONANT SCATTERING OF POLARIZED X-RAYS AT THE 4d EDGE OF GADOLINIUM. <i>Surface Review and Letters</i> , 2002, 09, 977-981.	0.5	1
79	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
80	MAGNETIC COUPLING IN Co/Cu MULTILAYERS: FIELD-DEPENDENT ANTIFERROMAGNETIC ORDERING INVESTIGATED BY RESONANT X-RAY SCATTERING. <i>Surface Review and Letters</i> , 2002, 09, 921-924.	0.5	1
81	Hysteresis curves of ferromagnetic and antiferromagnetic order in metallic multilayers by resonant x-ray scattering. <i>Physical Review B</i> , 2002, 66, .	1.1	18
82	Surface vs. bulk magnetic properties of Co/Fe(001) and Fe/Co/Fe(001) as probed by linear magnetic dichroism in photoemission. <i>Physica B: Condensed Matter</i> , 2002, 320, 210-212.	1.3	0
83	L <sub>2,3</sub> V Coster-Kronig decay in Fe: the near-edge region. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 123, 397-401.	0.8	5
84	L <sub>2,3</sub> V Coster-Kronig decay in Fe, Ni and NiO: the near edge region. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 127, 71-76.	0.8	1
85	Dichroism in X-ray Absorption. <i>Lecture Notes in Physics</i> , 2001, , 87-108.	0.3	5
86	Diamond UV detectors for future solar physics missions. <i>Diamond and Related Materials</i> , 2001, 10, 673-680.	1.8	37
87	Interface magnetometry in a (Fe <sub>6</sub> Å.../Ni <sub>24</sub> Å...)10 multilayer. <i>Applied Surface Science</i> , 2001, 175-176, 281-287.	3.1	2
88	Structure modulated LMDAD effects in BCC-Fe vs. RCP-Fe. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 233, 123-126.	1.0	2
89	Magnetic properties of Fe <sub>2</sub> O <sub>3</sub> (0001) thin layers studied by soft x-ray linear dichroism. <i>Physical Review B</i> , 2001, 64, .	1.1	34
90	Resonant magnetic scattering from fcc Cu/Fe/Cu/Si(111) heterostructures. <i>Physical Review B</i> , 2001, 64, .	1.1	13

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91	Study of the growth of ultrathin films of NiO on Cu(111). <i>Surface and Interface Analysis</i> , 2000, 30, 396-400.	0.8	14
92	Future Diamond UV Imagers For Solar Physics. <i>Physica Status Solidi A</i> , 2000, 181, 141-149.	1.7	27
93	SB7: the new bending-magnet double-headed dragon beamline at SuperACO. <i>Journal of Synchrotron Radiation</i> , 2000, 7, 5-11.	1.0	16
94	Study of the magnetic order in a Co/Cr multilayer by magnetic Bragg diffraction at the Co 2p resonance. <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 218, 137-143.	1.0	7
95	RESONANT MAGNETIC SCATTERING OF POLARIZED SOFT X-RAYS. <i>Surface Review and Letters</i> , 2000, 07, 175-189.	0.5	1
96	Fe 2p absorption in magnetic oxides: Quantifying angular-dependent saturation effects. <i>Physical Review B</i> , 2000, 62, 4187-4190.	1.1	96
97	Ligand-field atomic-multiplet calculations for arbitrary symmetry. <i>Physical Review B</i> , 2000, 61, 13540-13544.	1.1	25
98	NEAR EDGE X-RAY ABSORPTION AND X-RAY PHOTOELECTRON DIFFRACTION STUDIES OF THE STRUCTURAL ENVIRONMENT OF Ge/Si SYSTEMS. <i>Surface Review and Letters</i> , 2000, 07, 307-331.	0.5	3
99	Soft-x-ray resonant scattering from V/Fe (001) magnetic superlattices. <i>Physical Review B</i> , 1999, 60, R12569-R12572.	1.1	31
100	Resonant inelastic x-ray scattering at the L <sub>3</sub> edge of samarium. <i>Physical Review B</i> , 1999, 60, 14128-14131.	1.1	13
101	Electronic density of empty states of Ge/Si(111) epitaxial layers: Theory and experiment. <i>Physical Review B</i> , 1999, 60, 5759-5769.	1.1	19
102	Resonant inelastic X-ray scattering from highly correlated Ce multilayers. <i>Physica B: Condensed Matter</i> , 1999, 259-261, 1136-1137.	1.3	14
103	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
104	Resonant scattering of polarized soft X-rays for the study of magnetic oxide layers. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999, 101-103, 407-412.	0.8	7
105	L <sub>2,3</sub> Coster-Kronig decay in nickel: The near-edge region. <i>Physical Review B</i> , 1999, 59, 9898-9902.	1.1	8
106	Soft X-ray resonant magnetic scattering from thin Ni layers on Cu(110). <i>Surface Science</i> , 1999, 442, 349-356.	0.8	14
107	X-ray magneto-optics and surface science (X-MOSS) beamline at ELETTRA. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1998, 20, 1091-1101.	0.4	0
108	Evidence of ordered phase of Ge/Si heterostructures by X-ray absorption spectroscopy at Ge L <sub>3</sub> edge. <i>Surface Science</i> , 1998, 416, 466-471.	0.8	7



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109	Temperature and thickness dependence of magnetic moments in NiO epitaxial films. Physical Review B, 1998, 57, 11623-11631.	1.1	254
110	X-ray absorption at Ge L <sub>3</sub> edges as a tool to investigate Ge/Si(001) interfaces and heterostructures. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1998, 16, 1616.	1.6	5
111	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
112	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
113	Optical Constants of Ferromagnetic Iron via 2p Resonant Magnetic Scattering. Physical Review Letters, 1998, 81, 1521-1524.	2.9	64
114	Exchange mechanisms at the Ge/Si(001) interface from a multiple-scattering analysis of the Ge L <sub>3</sub> absorption edge. Physical Review B, 1998, 58, 4095-4101.	1.1	6
115	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
116	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
117	POLARIZATION-DEPENDENT SOFT X-RAY SPECTROSCOPIES. Surface Review and Letters, 1997, 04, 343-352.	0.5	7
118	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
119	Valence State Spin Polarization in 3d-3d and 3d-4d Magnetic Materials by Resonant and Non-Resonant X-Ray Emission. European Physical Journal Special Topics, 1997, 7, C2-365-C2-367.	0.2	0
120	An X-ray dichroism study of magnetic and crystal field effects in thin rare earth overlayers. Surface Science, 1996, 365, 831-839.	0.8	5
121	Magnetic moments in as-deposited and annealed Ni layers on Fe(001): An x-ray-dichroism study. Physical Review B, 1996, 53, 3409-3414.	1.1	20
122	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
123	Absorption cross sections at the M <sub>4,5</sub> edges of rare earths: a soft X-ray transmission experiment. Journal of Electron Spectroscopy and Related Phenomena, 1995, 74, 187-194.	0.8	20
124	Metal phthalocyanines (MPc, M <sub>i</sub> →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
125	Magnetic circular dichroism in transmission mode at the Ni 2p edges. Solid State Communications, 1995, 93, 25-28.	0.9	5
126	Cu 2p X-ray absorption spectroscopy of thin copper films grown on Fe(001). Solid State Communications, 1995, 94, 569-572.	0.9	4



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127	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
128	Magnetic properties of Fe and Tb in Tb <sub>x</sub> Fe <sub>1-x</sub> amorphous films studied with soft X-ray circular and linear dichroism. Journal of Magnetism and Magnetic Materials, 1995, 150, 293-303.	1.0	20
129	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
130	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
131	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
132	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
133	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
134	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
135	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
136	Copper phthalocyanine on Si(111)-7 Å-7 and Si(001)-2 Å-1 surfaces: an X-ray photoemission spectroscopy and synchrotron X-ray absorption spectroscopy study. Surface Science, 1994, 319, 251-266.	0.8	120
137	The electronic structure of mesoscopic NiO particles. Chemical Physics Letters, 1993, 208, 460-464.	1.2	60
138	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
139	X-ray dichroism of Dy overlayers on a magnetic substrate. Applied Surface Science, 1993, 65-66, 170-174.	3.1	6
140	Study of the relation between composition and physical properties of YBaCuO thin films using RBS, NRA, XRD, XAS and I <sub>±</sub> (T). Applied Surface Science, 1993, 65-66, 179-186.	3.1	7
141	Valency changeover at the Sm/Si(111)7x7 interface through chemisorption and epitaxy. Applied Surface Science, 1993, 65-66, 729-734.	3.1	2
142	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
143	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
144	Linear-dichroism studies of thin Dy overlayers on Ni(110) and Cu(110) substrates. Physical Review B, 1993, 48, 2711-2720.	1.1	13

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145	Valency changeover in Sm layers on Si(111)7Å—7 studied with soft-x-ray-absorption spectroscopy. Physical Review B, 1993, 47, 3797-3801.	1.1	16
146	X-Ray Absorption Study of the Metal-Nonmetal Transition in NiS and Ni <sub>1-x</sub> M <sub>x</sub> S (M=Fe and Co). Japanese Journal of Applied Physics, 1993, 32, 306.	0.8	0
147	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
148	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
149	Crystal field induced linear dichroism in the 3d X-ray absorption of rare-earths. Solid State Communications, 1992, 81, 977-980.	0.9	7
150	Surface X-ray dichroism for crystal field studies. Applied Surface Science, 1992, 56-58, 1-5.	3.1	14
151	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
152	Ultrathin epitaxial rare-earth silicide interfaces on Si(111)7 Å— 7. Applied Surface Science, 1992, 56-58, 568-571.	3.1	12
153	Linear and circular dichroism with soft X-rays. Journal of Electron Spectroscopy and Related Phenomena, 1992, 58, 393-398.	0.8	10
154	X-ray dichroism of Dy overlayers on Ni(110). Surface Science, 1991, 248, L245-L249.	0.8	7
155	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
156	Surface X-ray dichroism of rare-earths. Surface Science, 1991, 251-252, 346-349.	0.8	8
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