

# Wolfgang Kuch

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of magnetic domain walls on all-optical magnetic toggle switching in a ferrimagnetic GdFe film. <i>Beilstein Journal of Nanotechnology</i> , 2022, 13, 74-81.	2.8	0
2	Ultrafast Optically Induced Ferromagnetic State in an Elemental Antiferromagnet. <i>Physical Review Letters</i> , 2021, 126, 107202.	7.8	22
3	Spin-Crossover Molecules on Surfaces: From Isolated Molecules to Ultrathin Films. <i>Advanced Materials</i> , 2021, 33, e2008141.	21.0	49
4	Thermal- and Light-Induced Spin-Crossover Characteristics of a Functional Iron(II) Complex at Submonolayer Coverage on HOPG. <i>Journal of Physical Chemistry C</i> , 2021, 125, 13925-13932.	3.1	9
5	Tuning the Magnetic Anisotropy of Lanthanides on a Metal Substrate by Metal-Organic Coordination. <i>Small</i> , 2021, 17, e2102753.	10.0	8
6	Bulk and Interfacial Effects in the Co/NixMn100-x Exchange-Bias System due to Creation of Defects by Ar+ Sputtering. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100195.	2.4	3
7	Coupling of pinned magnetic moments in an antiferromagnet to a ferromagnet and its role for exchange bias. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 075801.	1.8	4
8	Effect of ligand methylation on the spin-switching properties of surface-supported spin-crossover molecules. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 114003.	1.8	18
9	Surface-orientation- and ligand-dependent quenching of the spin magnetic moment of Co porphyrins adsorbed on Cu substrates. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12688-12696.	2.8	11
10	Accelerating the laser-induced demagnetization of a ferromagnetic film by antiferromagnetic order in an adjacent layer. <i>Physical Review B</i> , 2020, 102, .	3.2	5
11	Modifying the Magnetic Anisotropy of an Iron Porphyrin Molecule by an on-Surface Ring-Closure Reaction. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14547-14555.	3.1	15
12	Steering of magnetic domain walls by single ultrashort laser pulses. <i>Physical Review B</i> , 2019, 99, .	3.2	15
13	Europium Cyclooctatetraene Nanowire Carpets: A Low-Dimensional, Organometallic, and Ferromagnetic Insulator. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 911-917.	4.6	18
14	Correlation between ferromagnetic resonance and densification of RE substituted polycrystalline ferrites. <i>Ceramics International</i> , 2018, 44, 13328-13334.	4.8	10
15	Optical differential reflectance spectroscopy for photochromic molecules on solid surfaces. <i>Review of Scientific Instruments</i> , 2018, 89, 033113.	1.3	3
16	Highly Efficient and Bidirectional Photochromism of Spirooxazine on Au(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 8031-8036.	3.1	11
17	The Growth and Crystalline Structure of Ultrathin Mn Films on Ni(111). <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1800173.	1.5	0
18	Evolution of cooperativity in the spin transition of an iron(II) complex on a graphite surface. <i>Nature Communications</i> , 2018, 9, 2984.	12.8	73

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19	Vacuum-Evaporable Spin-Crossover Complexes in Direct Contact with a Solid Surface: Bismuth versus Gold. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1210-1219.	3.1	71
20	Reversible Switching of Spiropyran Molecules in Direct Contact With a Bi(111) Single Crystal Surface. <i>Advanced Functional Materials</i> , 2017, 27, 1702280.	14.9	13
21	Light-induced photoisomerization of a diarylethene molecular switch on solid surfaces. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 374001.	1.8	8
22	Controlling the magnetism of adsorbed metal-organic molecules. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 023001.	1.8	44
23	Soft-x-ray-induced spin-state switching of an adsorbed Fe(II) spin-crossover complex. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 394003.	1.8	31
24	Magnetic anisotropy in surface-supported single-ion lanthanide complexes. <i>Physical Review B</i> , 2016, 94, .	3.2	11
25	Movement of magnetic domain walls induced by single femtosecond laser pulses. <i>Physical Review B</i> , 2016, 94, .	3.2	10
26	Tuning the Electronic Properties of Rotated Graphene on Ni(111) by Nickel Carbide Intercalation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1546-1555.	3.1	8
27	Spin-state transition in antiferromagnetic Ni <sub>0.4</sub> Mn <sub>0.6</sub> films in Ni/NiMn/Ni trilayers on Cu(001). <i>Physical Review B</i> , 2016, 93, .	3.2	6
28	Layer-dependent properties and noncollinear spin structure of epitaxial antiferromagnetic Mn films on Cu(001). <i>Physical Review B</i> , 2015, 91, .	3.2	3
29	Driving magnetic skyrmions with microwave fields. <i>Physical Review B</i> , 2015, 92, .	3.2	84
30	Vacuum-evaporable spin-crossover complexes: physicochemical properties in the crystalline bulk and in thin films deposited from the gas phase. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7870-7877.	5.5	65
31	Microwave-induced dynamic switching of magnetic skyrmion cores in nanodots. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	43
32	Temperature-induced sign change of the magnetic interlayer coupling in Ni/Ni <sub>25</sub> Mn <sub>75</sub> /Ni trilayers on Cu <sub>3</sub> Au(001). <i>Journal of Applied Physics</i> , 2015, 117, 175302.	2.5	4
33	Highly Efficient Thermal and Light-Induced Spin-State Switching of an Fe(II) Complex in Direct Contact with a Solid Surface. <i>ACS Nano</i> , 2015, 9, 8960-8966.	14.6	117
34	Influence of Ni <sub>x</sub> Mn <sub>1-x</sub> thickness and composition on the Curie temperature of Ni in Ni <sub>x</sub> Mn <sub>1-x</sub> /Ni bilayers on Cu <sub>3</sub> Au(001). <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 373, 151-154.	2.3	6
35	Magnetic Microscopy of Layered Structures. <i>Springer Series in Surface Sciences</i> , 2015, , .	0.3	33
36	Site-specific bonding of copper adatoms to pyridine end groups mediating the formation of two-dimensional coordination networks on metal surfaces. <i>Physical Review B</i> , 2014, 89, .	3.2	21

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37	Size dependence of magnetic switching in perpendicularly magnetized MgO/Co/Pt pillars close to the spin reorientation transition. Applied Physics Letters, 2014, 104, 012404.	3.3	6
38	Pinned magnetic moments in exchange bias: Role of the antiferromagnetic bulk spin structure. Physical Review B, 2014, 89, .	3.2	29
39	Tailoring interlayer coupling and coercivity in Co/Mn/Co trilayers by controlling the interface roughness. Journal of Applied Physics, 2014, 115, .	2.5	9
40	X-ray-Induced Reversible Switching of an Azobenzene Derivative Adsorbed on Bi(111). Journal of Physical Chemistry C, 2014, 118, 12916-12922.	3.1	8
41	Iron porphyrin molecules on Cu(001): Influence of adlayers and ligands on the magnetic properties. Physical Review B, 2013, 87, .	3.2	33
42	Magnetic Coupling of Porphyrin Molecules Through Graphene. Advanced Materials, 2013, 25, 3473-3477.	21.0	72
43	Concentration- and thickness-dependent magnetic properties of Ni <sub>x</sub> Mn <sub>100-x</sub> in epitaxially grown Ni <sub>x</sub> Mn <sub>100-x</sub> /Ni/(Co)/Cu <sub>3</sub> Au(001). Journal of Physics Condensed Matter, 2013, 25, 386005.	1.8	8
44	Magnetic Coupling of $Gd_3$ $N$ $@$ Endohedral Fullerenes to a Substrate. Physical Review Letters, 2013, 111, 167203.	7.8	28
45	Spin Crossover Complex on Au(111): Structural and Electronic Differences Between Mono- and Multilayers. Chemistry - A European Journal, 2013, 19, 15702-15709.	3.3	91
46	Huge magnetically coupled orbital moments of Co porphyrin molecules and their control by CO adsorption. Physical Review B, 2013, 88, .	3.2	19
47	Manipulation of spin state of iron porphyrin by chemisorption on magnetic substrates. Physical Review B, 2013, 88, .	3.2	50
48	Probing antiferromagnetism in NiMn/Ni/(Co)/Cu <sub>3</sub> Au(001) single-crystalline epitaxial thin films. Journal of Applied Physics, 2013, 113, .	2.5	15
49	Theoretical study of the local atomic and electronic structure of dimetacyano azobenzene molecules on Bi (111) substrate. Journal of Physics: Conference Series, 2013, 430, 012036.	0.4	0
50	Spin Crossover in a Vacuum-Deposited Submonolayer of a Molecular Iron(II) Complex. Journal of Physical Chemistry Letters, 2012, 3, 3431-3434.	4.6	92
51	Switching the electronic properties of Co-octaethylporphyrin molecules on oxygen-covered Ni films by NO adsorption. Journal of Physics Condensed Matter, 2012, 24, 394008.	1.8	10
52	In Situ Hydrolysis of Imine Derivatives on Au(111) for the Formation of Aromatic Mixed Self-Assembled Monolayers: Multitechnique Analysis of This Tunable Surface Modification. Langmuir, 2012, 28, 358-366.	3.5	15
53	X-ray absorption from large molecules at metal surfaces: Theoretical and experimental results for Co-OEP on Ni(100). Journal of Chemical Physics, 2012, 137, 194703.	3.0	8
54	Ferromagnetic Coupling of Mononuclear Fe Centers in a Self-Assembled Metal-Organic Network on Au(111). Physical Review Letters, 2012, 109, 267207.	7.8	60

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55	Spin-polarized scanning tunneling microscopy study of Mn/Co/Cu(001) using a bulk Fe ring probe. Applied Physics Letters, 2012, 101, .	3.3	12
56	Reversible Manipulation of the Magnetic Coupling of Single Molecular Spins in Fe-Porphyrins to a Ferromagnetic Substrate. Journal of Physical Chemistry Letters, 2011, 2, 1455-1459.	4.6	70
57	Magnetostatic coupling of 90° domain walls in Fe <sub>19</sub> Ni <sub>81</sub> /Cu/Co trilayers. New Journal of Physics, 2011, 13, 033015.	2.9	7
58	Thermal melting of magnetic stripe domains. Physical Review B, 2011, 83, .	3.2	10
59	Spin-pumping-enhanced magnetic damping in ultrathin Cu(001)/Co/Cu and Cu(001)/Ni/Cu films. Journal of Magnetism and Magnetic Materials, 2010, 322, 2065-2070.	2.3	15
60	Influence of ferromagnetic-antiferromagnetic coupling on the antiferromagnetic ordering temperature in Ni/FexMn <sub>1-x</sub> bilayers. Physical Review B, 2010, 81, .	3.2	10
61	Spin-Orbit Strength Driven Crossover between Intrinsic and Extrinsic Mechanisms of the Anomalous Hall Effect in the Epitaxial Ordered Growth, structure, and magnetic properties of epitaxial Ferromagnets FePd and FePt. Physical Review Letters, 2010, 104, 076402.	7.8	86
62	Ordered Growth, structure, and magnetic properties of epitaxial layers and Ni <sub>x</sub> Co <sub>1-x</sub> bilayers. Physical Review B, 2010, 82, .	3.2	10
63	Suppression of magnetization ripple by exchange bias. Physical Review B, 2009, 79, .	3.2	5
64	Tailoring the Nature of Magnetic Coupling of Fe-Porphyrin Molecules to Ferromagnetic Substrates. Physical Review Letters, 2009, 102, 047202.	7.8	188
65	Time-resolved magnetization dynamics of cross-tie domain walls in permalloy microstructures. Journal of Physics Condensed Matter, 2009, 21, 496001.	1.8	8
66	Magnetic domain coupling study in single-crystalline Fe/CoO bilayers. Journal of Physics Condensed Matter, 2009, 21, 185004.	1.8	9
67	Temperature, Surface, and Coverage-Induced Conformational Changes of Azobenzene Derivatives on Cu(001). Journal of Physical Chemistry C, 2009, 113, 20307-20315.	3.1	31
68	Reversing the Thermal Stability of a Molecular Switch on a Gold Surface: Ring-Opening Reaction of Nitrospiropyran. Journal of the American Chemical Society, 2009, 131, 12729-12735.	13.7	65
69	A Closer Look Into Magnetism: Opportunities With Synchrotron Radiation. IEEE Transactions on Magnetics, 2009, 45, 15-57.	2.1	66
70	Influence of a Cr seed layer on the magnetic anisotropy of epitaxial Fe/Ag films on MgO(001). Applied Physics A: Materials Science and Processing, 2008, 92, 381-385.	2.3	3
71	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.	2.3	4
72	In-situ formation and detailed analysis of imine bonds for the construction of conjugated aromatic monolayers on Au(111). Applied Physics A: Materials Science and Processing, 2008, 93, 293-301.	2.3	8

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73	Adsorption of carboxymethylester-azobenzene on copper and gold single crystal surfaces. Applied Physics A: Materials Science and Processing, 2008, 93, 261-266.	2.3	5
74	Structural and magnetic properties of epitaxial $\text{Fe}/\text{Co}/\text{O}$ bilayers on Ag(001). Physical Review B, 2008, 77, .	3.2	56
75	A new sample holder for laser-excited pump-probe magnetic measurements on a Focus photoelectron emission microscope. Review of Scientific Instruments, 2008, 79, 033702.	1.3	4
76	Fe-porphyrin monolayers on ferromagnetic substrates: Electronic structure and magnetic coupling strength. Physical Review B, 2007, 76, .	3.2	58
77	Huge magnetocrystalline anisotropy of x-ray linear dichroism observed on $\text{Co}/\text{FeMn}$ bilayers. Physical Review B, 2007, 75, .	3.2	14
78	Dominant role of thermal magnon excitation in temperature dependence of interlayer exchange coupling: Experimental verification. Physical Review B, 2007, 75, .	3.2	16
79	Magnetic Proximity Effects in Antiferromagnet/Ferromagnet Bilayers: The Impact on the Néel Temperature. Physical Review Letters, 2007, 98, 237201.	7.8	77
80	Spin dynamics in ferromagnets: Gilbert damping and two-magnon scattering. Physical Review B, 2007, 76, .	3.2	215
81	Substrate-induced magnetic ordering and switching of iron porphyrin molecules. Nature Materials, 2007, 6, 516-520.	27.5	396
82	Influence of topography and Co domain walls on the magnetization reversal of the FeNi layer in $\text{FeNi}/\text{Al}_2\text{O}_3/\text{Co}$ magnetic tunnel junctions. Physical Review B, 2006, 74, .	3.2	8
83	Magnetic Imaging. , 2006, , 275-320.		12
84	Tuning the magnetic coupling across ultrathin antiferromagnetic films by controlling atomic-scale roughness. Nature Materials, 2006, 5, 128-133.	27.5	145
85	Two-magnon scattering and viscous Gilbert damping in ultrathin ferromagnets. Physical Review B, 2006, 73, .	3.2	200
86	Dynamics of Magnetic Domain Wall Motion after Nucleation: Dependence on the Wall Energy. Physical Review Letters, 2006, 96, 097204.	7.8	29
87	Growth, structure, and magnetism of single-crystalline $\text{Ni}_x\text{Mn}_{100-x}$ films and $\text{NiMn}/\text{Co}$ bilayers on Cu(001). Physical Review B, 2006, 74, .	3.2	23
88	Imaging Magnetic Microspectroscopy. Nanoscience and Technology, 2005, , 1-28.	1.5	1
89	Spin polarization of single-crystalline $\text{Co}_2\text{MnSi}$ films grown by PLD on GaAs(001). Journal of Magnetism and Magnetic Materials, 2005, 286, 336-339.	2.3	37
90	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.	2.3	16

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91	Interplay between magnetic anisotropy and interlayer coupling in nanosecond magnetization reversal of spin-valve trilayers. <i>Physical Review B</i> , 2005, 71, .	3.2	8
92	Influence of exchange bias coupling on the single-crystalline FeMn ultrathin film. <i>Applied Physics Letters</i> , 2005, 86, 122504.	3.3	12
93	Influence of domain wall interactions on nanosecond switching in magnetic tunnel junctions. <i>Physical Review B</i> , 2005, 72, .	3.2	22
94	Magnetic properties and spin polarization of Co <sub>2</sub> MnSi Heusler alloy thin films epitaxially grown on GaAs(001). <i>Physical Review B</i> , 2005, 71, .	3.2	191
95	Magnetic circular dichroism study of Fe <sup>2+</sup> /Co <sup>2+</sup> /Cu(001) using electron yield x-ray absorption spectroscopy with different probe depths. <i>Journal of Applied Physics</i> , 2005, 97, 103527.	2.5	8
96	Magnetism-induced symmetry breaking in photoelectron diffraction patterns. <i>Physical Review B</i> , 2005, 71, .	3.2	8
97	Exchange coupling between ferro- and antiferromagnetic layers across a non-magnetic interlayer: Co/Cu/FeMn on Cu(001). <i>Journal of Physics Condensed Matter</i> , 2004, 16, 9181-9190.	1.8	11
98	Three-Dimensional Noncollinear Antiferromagnetic Order in Single-Crystalline FeMn Ultrathin Films. <i>Physical Review Letters</i> , 2004, 92, 017201.	7.8	62
99	Magnetic domain investigation in Co/Cu/FeMn trilayers. <i>Journal of Applied Physics</i> , 2004, 95, 7504-7506.	2.5	1
100	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.	3.3	19
101	X-ray Magnetic Circular Dichroism for Quantitative Element-Resolved Magnetic Microscopy. <i>Physica Scripta</i> , 2004, T109, 89.	2.5	14
102	Surface morphology of antiferromagnetic Fe <sub>50</sub> Mn <sub>50</sub> layers on Cu(001). <i>Surface Science</i> , 2004, 566-568, 221-225.	1.9	12
103	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.	2.5	18
104	Switching-mode-dependent magnetic interlayer coupling strength in spin valves and magnetic tunnel junctions. <i>Physical Review B</i> , 2004, 69, .	3.2	33
105	Layer-resolved microscopy of magnetic domains in multi-layered systems. <i>Applied Physics A: Materials Science and Processing</i> , 2003, 76, 665-671.	2.3	11
106	Local exchange bias observed by photoemission microscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 261, 1-6.	2.3	12
107	Edge atoms do all the work. <i>Nature Materials</i> , 2003, 2, 505-506.	27.5	33
108	Induced Fe and Mn magnetic moments in Co-FeMn bilayers on Cu(001). <i>Physical Review B</i> , 2003, 67, .	3.2	45



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109	Microspectroscopic two-dimensional Fermi surface mapping using a photoelectron emission microscope. Review of Scientific Instruments, 2003, 74, 2754-2758.	1.3	45
110	Layer-resolved imaging of magnetic interlayer coupling by domain-wall stray fields. Physical Review B, 2003, 67, .	3.2	39
111	Time-resolved magnetic domain imaging by x-ray photoemission electron microscopy. Applied Physics Letters, 2003, 82, 2299-2301.	3.3	101
112	Magnetic structure of thin films of Fe <sub>x</sub> Mn <sub>1-x</sub> on Cu(100)/Co by the fully relativistic screened KKR method. Physical Review B, 2003, 67, .	3.2	6
113	Structural and magnetic properties of Fe <sub>x</sub> Mn <sub>1-x</sub> thin films on Cu(001) and on Co/Cu(001). Physical Review B, 2002, 66, .	3.2	78
114	Magnetic interface coupling in single-crystalline Co/FeMn bilayers. Physical Review B, 2002, 65, .	3.2	63
115	MAGNETIC MICROSCOPY BY A COMBINATION OF XMCD AND PEEM. Surface Review and Letters, 2002, 09, 877-881.	1.1	18
116	Magnetic dichroisms in absorption and photoemission for magnetic characterization in x-ray photoelectron emission microscopy. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2002, 20, 2543.	1.6	15
117	Layer-resolved magnetic domain imaging using X-ray photoelectron emission microscopy. Synchrotron Radiation News, 2002, 15, 12-16.	0.8	0
118	Competition between in-plane and out-of-plane magnetization in exchange-coupled magnetic films. Physical Review B, 2002, 65, .	3.2	35
119	Layer-resolved magnetic imaging of spin-reorientation transitions in Ni/Cu/Co trilayers. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 1246-1248.	2.3	7
120	Search for multi-atom resonant photoemission in magnetic thin films. Journal of Electron Spectroscopy and Related Phenomena, 2002, 123, 11-18.	1.7	7
121	Micromagnetic properties of the Cu/Ni crossed-wedge film on Cu(001). Surface Science, 2002, 514, 151-155.	1.9	18
122	Magnetic dichroism in valence band photoemission. Reports on Progress in Physics, 2001, 64, 147-204.	20.1	62
123	Element-selective mapping of magnetic moments in ultrathin magnetic films using a photoemission microscope. Surface Science, 2001, 480, 153-162.	1.9	13
124	Magnetic dichroism in Co films on Cu(001) using unpolarized light. Journal of Electron Spectroscopy and Related Phenomena, 2001, 113, 137-152.	1.7	7
125	The elliptically polarized undulator beamlines at BESSY II. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 449-452.	1.6	93
126	Imaging microspectroscopy of Ni/Fe/Co/Cu(001) using a photoemission microscope. Journal of Electron Spectroscopy and Related Phenomena, 2000, 109, 249-265.	1.7	31



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127	Interrelation of morphology, structure, and magnetism in $\text{Fe}_x\text{Co}_{1-x}/\text{Cu}(100)$ epitaxial alloy films. <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 212, 307-322.	2.3	18
128	Metastable Domain Structures of Ferromagnetic Microstructures Observed by Soft X-Ray Magnetic Circular Dichroism Microscopy. <i>Japanese Journal of Applied Physics</i> , 2000, 39, L585-L587.	1.5	12
129	Quantitative x-ray magnetic circular dichroism microspectroscopy of $\text{Fe}/\text{Co}/\text{Cu}(001)$ using a photoemission microscope. <i>Journal of Applied Physics</i> , 2000, 87, 5747-5749.	2.5	11
130	Structural and magnetic properties of Fe thin films on $\text{Cu}_{90}\text{Au}_{10}(001)$ . <i>Physical Review B</i> , 2000, 63, .	3.2	12
131	Magnetic-circular-dichroism microspectroscopy at the spin reorientation transition in $\text{Ni}(001)$ films. <i>Physical Review B</i> , 2000, 62, 3824-3833.	3.2	75
132	Structural and magnetic phases of Fe in $\text{Fe}/\text{Ni}(001)$ and $\text{Fe}/\text{Ni}_{81}\text{Fe}_{19}(001)$ multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 184, 127-136.	2.3	24
133	Tailoring epitaxial growth of low-dimensional magnetic structures by using surfactants. <i>Surface Science</i> , 1998, 402-404, 346-350.	1.9	6
134	Growth, morphology, and crystalline structure of ultrathin Fe films on $\text{Cu}_3\text{Au}(100)$ . <i>Surface Science</i> , 1998, 410, 290-311.	1.9	45
135	Artificial $\text{FeCu}(100)$ epitaxial ordered alloy films: Element-selective magnetic properties. <i>Journal of Applied Physics</i> , 1998, 83, 7019-7021.	2.5	7
136	Magnetic dichroism study of the valence-band structure of perpendicularly magnetized $\text{Co}/\text{Cu}(111)$ . <i>Physical Review B</i> , 1998, 57, 5340-5346.	3.2	12
137	Element-Selective Magnetic Imaging in Exchange-Coupled Systems by Magnetic Photoemission Microscopy. <i>Surface Review and Letters</i> , 1998, 05, 1241-1248.	1.1	41
138	Seeded epitaxy of $\text{Co}_{90}\text{Fe}_{10}/\text{Cu}$ multilayers on $\text{MgO}(001)$ : Influence of Fe seed layer thickness. <i>Journal of Applied Physics</i> , 1998, 83, 4709-4713.	2.5	18
139	Artificially ordered $\text{FeCu}$ alloy superlattices on $\text{Cu}(001)$ . II. Spin-resolved electronic properties and magnetic dichroism. <i>Physical Review B</i> , 1998, 58, 8556-8565.	3.2	25
140	Composition-driven spin-reorientation transition in ferromagnetic alloy films. <i>Physical Review B</i> , 1998, 57, R3209-R3212.	3.2	53
141	Photoelectron diffraction in magnetic dichroism: Surface live magnetic layers in fcc $\text{Fe}/\text{Co}(001)$ . <i>Physical Review B</i> , 1998, 58, 15426-15429.	3.2	16
142	Fe structural and magnetic phases in $\text{Fe}/\text{Ni}_{81}\text{Fe}_{19}(001)$ multilayers. <i>Europhysics Letters</i> , 1997, 37, 465-470.	2.0	7
143	Structural transformation and spin-reorientation transition in epitaxial $\text{Fe}/\text{Cu}_3\text{Au}(100)$ ultrathin films. <i>Physical Review B</i> , 1997, 55, 5886-5897.	3.2	69
144	Magnetic dichroism in UV photoemission at off-normal emission: Study of the valence bands. <i>Physical Review B</i> , 1997, 55, 2594-2599.	3.2	23

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145	Investigating ferromagnetic band structure with magnetic circular dichroism in valence band photoemission. Synchrotron Radiation News, 1997, 10, 18-21.	0.8	2
146	Spin-resolved photoemission and band-mapping in epitaxial fcc FeCo alloys on Cu(100). Journal of Magnetism and Magnetic Materials, 1997, 165, 250-253.	2.3	11
147	Direct evidence for complete antiferromagnetic coupling between Co films epitaxially grown on Cu(111). Physical Review Letters, 1996, 76, 4428-4431.	7.8	109
148	Interplay between structure and magnetism in Fe/Cu(100) upon temperature variation. Journal of Magnetism and Magnetic Materials, 1997, 174, 40-56.	2.3	42
149	Magnetic dichroism study of the relativistic electronic structure of perpendicularly magnetized Ni/Cu(001). Journal of Applied Physics, 1996, 79, 6426.	2.5	6
150	Comparison of magnetism and morphology of ultrathin Fe films on Cu(100) and Cu <sub>3</sub> Au(100). Thin Solid Films, 1996, 275, 99-102.	1.8	5
151	Epitaxial fcc Fe <sub>1-x</sub> Co <sub>x</sub> alloy films on Cu(001). Thin Solid Films, 1996, 275, 262-265.	1.8	25
152	Magnetic dichroism in photoemission as a spin-resolving probe for electronic correlations. Physical Review B, 1996, 54, R15618-R15621.	3.2	28
153	Surfactant-Mediated Modification of the Magnetic Properties of Co/Cu(111) Thin Films and Superlattices. Physical Review Letters, 1996, 76, 4428-4431.	7.8	109
154	Magnetic-circular-dichroism study of the valence states of perpendicularly magnetized Ni(001) films. Physical Review B, 1996, 53, 11621-11630.	3.2	48
155	Magnetic Order-Disorder Transition Mediated by a Temperature-Driven Structural Transformation. Physical Review Letters, 1996, 76, 4620-4623.	7.8	81
156	Magnetic dichroism in angle-resolved UV photoemission from valence bands, using linearly polarized light. Journal of Applied Physics, 1996, 79, 6504.	2.5	5
157	Comparison of magnetism and morphology of ultrathin Fe films on Cu(100) and Cu <sub>3</sub> Au(100). , 1996, , 99-102.		0
158	Angle-resolved study of magnetic dichroism in photoemission using linearly polarized light. Physical Review B, 1995, 51, 609-612.	3.2	52
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