S Ferrer

List of Publications by Year
in descending order

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197	6,765	61945	74108
papers	citations	43 h-index	75 g-index

200	200	200	6940
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D magnetic configuration of ferrimagnetic multilayers with competing interactions visualized by soft X-ray vector tomography. Communications Physics, 2022, 5, .	2.0	4
2	Two-Step Resist Deposition of E-Beam Patterned Thick Py Nanostructures for X-ray Microscopy. Micromachines, 2022, 13, 204.	1.4	1
3	Creation and observation of Hopfions in magnetic multilayer systems. Nature Communications, 2021, 12, 1562.	5.8	95
4	Magnetic textures and singularities in ferri/ferromagnetic multilayers. Journal of Magnetism and Magnetic Materials, 2021, 539, 168384.	1.0	2
5	Chiral asymmetry detected in a 2D array of permalloy square nanomagnets using circularly polarized x-ray resonant magnetic scattering. Nanotechnology, 2020, 31, 025702.	1.3	3
6	Water/methanol solutions characterized by liquid Î¼-jet XPS and DFTâ€”The methanol hydration case. Journal of Molecular Liquids, 2020, 300, 112258.	2.3	9
7	Imaging at Alba. Synchrotron Radiation News, 2020, 33, 3-10.	0.2	0
8	Helical surface magnetization in nanowires: the role of chirality. Nanoscale, 2020, 12, 17880-17885.	2.8	12
9	Artificial Double-Helix for Geometrical Control of Magnetic Chirality. ACS Nano, 2020, 14, 8084-8092.	7.3	58
10	Revealing 3D magnetization of thin films with soft X-ray tomography: magnetic singularities and topological charges. Nature Communications, 2020, 11, 6382.	5.8	29
11	Solving the Long-Standing Controversy of Long-Chain Alkanethiols Surface Structure on Au(111). Journal of Physical Chemistry C, 2018, 122, 3893-3902.	1.5	14
12	Surface X-Ray Diffraction Under Gases. , 2018, , 532-541.		1
13	Cycloidal Domains in the Magnetization Reversal Process of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi>Ni</mml:mi><mml:mn>80</mml:mn></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mi><mml Physical Review Applied, 2018, 10, .	1.5	4
14	3D reconstruction of magnetization from dichroic soft X-ray transmission tomography. Journal of Synchrotron Radiation, 2018, 25, 1144-1152.	1.0	17
15	Observation of asymmetric distributions of magnetic singularities across magnetic multilayers. Physical Review B, 2017, 95, .	1.1	16
16	Deterministic propagation of vortex-antivortex pairs in magnetic trilayers. Applied Physics Letters, 2017, 110, .	1.5	17
17	MIRAS: The Infrared Synchrotron Radiation Beamline at ALBA. Synchrotron Radiation News, 2017, 30, 4-6.	0.2	33
18	ALBA Synchrotron Facility. Synchrotron Radiation News, 2016, 29, 23-28.	0.2	0

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19	Design and performance of BOREAS, the beamline for resonant X-ray absorption and scattering experiments at the ALBA synchrotron light source. Journal of Synchrotron Radiation, 2016, 23, 1507-1517.	1.0	110
20	Diatomic Steps in Pt(997) Surfaces Are Better Catalysts than Monatomic Steps for the CO Oxidation Reaction near Atmospheric Pressure. ACS Catalysis, 2016, 6, 1285-1291.	5.5	25
21	MISTRAL: a transmission soft X-ray microscopy beamline for cryo nano-tomography of biological samples and magnetic domains imaging. Journal of Synchrotron Radiation, 2015, 22, 1112-1117.	1.0	128
22	The ALBA spectroscopic LEEM-PEEM experimental station: layout and performance. Journal of Synchrotron Radiation, 2015, 22, 745-752.	1.0	88
23	Nanoscale imaging of buried topological defects with quantitative X-ray magnetic microscopy. Nature Communications, 2015, 6, 8196.	5.8	61
24	Generation of surface steps on Pt(977) induced by the catalytic oxidation of CO. Journal of Catalysis, 2014, 309, 33-37.	3.1	15
25	The Spanish Light Source ALBA. Synchrotron Radiation News, 2014, 27, 30-33.	0.2	3
26	Developments in optics and performance at BL13-XALOC, the macromolecular crystallography beamline at the Alba Synchrotron. Journal of Synchrotron Radiation, 2014, 21, 679-689.	1.0	168
27	Integrating UHV (Ultra High Vacuum) and HTS (High Temperature Superconducting) magnets for x-ray synchrotron based experiments. Journal of Physics: Conference Series, 2013, 425, 102003.	0.3	6
28	Near Ambient Pressure XPS at ALBA. Journal of Physics: Conference Series, 2013, 425, 072023.	0.3	40
29	Optimization of the soft x-ray transmission microscopy beamline at the ALBA light source. Proceedings of SPIE, 2013, , .	0.8	1
30	Focusing and defocusing using mechanically corrected mirrors at the MX beamline at Alba. Journal of Physics: Conference Series, 2013, 425, 052016.	0.3	5
31	Interface effects on Gd induced disordering of Co films on Pt(111). Surface Science, 2012, 606, 933-937.	0.8	1
32	Design and construction of multicrystal analyser detectors using Rowland circles: application to MAD26 at ALBA. Journal of Synchrotron Radiation, 2011, 18, 842-850.	1.0	18
33	Structure and growth kinetics of the oxidation process of Fe(001) whisker surfaces over a 10-decade pressure range. Surface Science, 2010, 604, 1840-1844.	0.8	0
34	The role of steps in surface catalysis and reaction oscillations. Nature Chemistry, 2010, 2, 730-734.	6.6	184
35	Interface-driven manipulation of the magnetic anisotropy of ultrathin Co films on Pt(111): Substrate deposition of hydrogen and model calculations. Physical Review B, 2010, 81, .	1.1	14
36	A soft X-ray beamline for transmission X-ray microscopy at ALBA. Journal of Synchrotron Radiation, 2009, 16, 505-512.	1.0	68

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37	Electrochemical Au deposition on stepped Si(111)-H surfaces: 3D versus 2D growth studied by AFM and X-ray diffraction. Surface Science, 2009, 603, 1212-1220.	0.8	10
38	Stacking dependent disordering processes in Gd/Co/Pt(111) studied with surface x-ray diffraction. Physical Review B, 2008, 78, .	1.1	3
39	In Situ Investigations of Chemical Reactions on Surfaces by X-Ray Diffraction at Atomospheric Pressures. MRS Bulletin, 2007, 32, 1010-1014.	1.7	34
40	A Beam line for Macromolecular Crystallography in ALBA. AIP Conference Proceedings, 2007, , .	0.3	2
41	Nanofabrication of Fresnel zone plate lenses for X-ray optics. Microelectronic Engineering, 2006, 83, 1355-1359.	1.1	7
42	Oxygen-induced step bunching and faceting of Rh(553): Experiment andab initiocalculations. Physical Review B, 2006, 74, .	1.1	71
43	A concept for the Spanish light sourceâ€"ALBA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 543, 28-34.	0.7	4
44	Pd8Ni92(110) surface structure from surface X-ray diffraction. Surface evolution under hydrogen and butadiene reactants at elevated pressure. Surface Science, 2005, 587, 229-235.	0.8	32
45	Low-temperature growth favours hcp structure, flatness and perpendicular magnetic anisotropy of thin (1â€“5 nm) Co films on Pt(111). Journal of Physics Condensed Matter, 2005, 17, 5551-5561.	0.7	8
46	Stress and structure ofc(2Ã—2)andp2gg(4Ã—2)Mnâ•Cu(001)surface alloys. Physical Review B, 2005, 71, .	1.1	19
47	Structure and Reactivity of Surface Oxides on Pt(110) during Catalytic CO Oxidation. Physical Review Letters, 2005, 95, 255505.	2.9	327
48	Layer relaxation and intermixing inFeâ•Cu(001)studied by surface x-ray diffraction. Physical Review B, 2005, 71, .	1.1	26
49	Structural and magnetic properties of bcc Co films on Pt(001) studied by magnetic resonant surface x-ray diffraction, STM, and magneto-optical Kerr effect. Physical Review B, 2004, 70, .	1.1	22
50	Spin Reorientation and Structural Relaxation of Atomic Layers: Pushing the Limits of Accuracy. Physical Review Letters, 2004, 93, 156105.	2.9	18
51	Hydrogenation of carbon monoxide on Ni(111) investigated with surface X-ray diffraction at atmospheric pressure. Surface Science, 2004, 557, 21-30.	0.8	33
52	New Insights in the c(4Ã—2) Reconstruction of Hexadecanethiol on Au(111) Revealed by Grazing Incidence X-ray Diffraction. Langmuir, 2004, 20, 9396-9402.	1.6	57
53	The Role of Intermolecular and Moleculeâ'Substrate Interactions in the Stability of Alkanethiol Nonsaturated Phases on Au(111). Journal of the American Chemical Society, 2004, 126, 385-395.	6.6	72
54	Structure and Pt magnetism of FePt nanoparticles investigated with X-ray diffraction. Journal of Magnetism and Magnetic Materials, 2003, 264, 202-208.	1.0	15

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55	Compressibility of CO adsorbed on Ni from 10â"6 mbar to 1.2 bar ambient CO pressures investigated with X-ray diffraction. Surface Science, 2003, 522, 161-166.	0.8	27
56	Ultrathin Pt films on Ni(111): Structure determined by surface x-ray diffraction. Physical Review B, 2003, 68, .	1.1	7
57	Determination of the elastic dipole at the atomic steps of Pt(977) from surface x-ray diffraction. Physical Review B, 2003, 67, .	1.1	27
58	Time evolution of the local slope during Cu(110) ion sputtering. Physical Review B, 2003, 68, .	1.1	15
59	Ni-induced giant stress and surface relaxation in W(110). Physical Review B, 2003, 67, .	1.1	19
60	Stacking reversal as a source of perpendicular magnetic anisotropy in Ni-Pt multilayers. Physical Review B, 2003, 67, .	1.1	11
61	Surface x-ray structure analysis of periodic misfit dislocations in Fe/W(110). Physical Review B, 2003, 68, .	1.1	41
62	Magnetic anisotropy of submonolayer Pt films grown on Ni(110). Journal of Physics Condensed Matter, 2003, 15, 4279-4285.	0.7	1
63	In situx-ray scattering study of Ag(110) nanostructuring by ion erosion. Physical Review B, 2002, 65, .	1.1	14
64	Magnetic anisotropy of ultrathin cobalt films on Pt(111) investigated with x-ray diffraction:â€ƒEffect of atomic mixing at the interface. Physical Review B, 2002, 65, .	1.1	38
65	Strain in buried self-assembled SiGe wires studied by grazing-incidence x-ray diffraction. Physical Review B, 2002, 65, .	1.1	16
66	Real examples of surface reconstructions determined by direct methods. Journal of Physics Condensed Matter, 2002, 14, 4075-4086.	0.7	6
67	Surface science done at third generation synchrotron radiation facilities. Surface Science, 2002, 500, 605-627.	0.8	20
68	Ion etching of Ag(110) studied by X-ray and STM. Nuclear Instruments & Methods in Physics Research B, 2002, 193, 590-595.	0.6	4
69	The structure of polypyridine. Synthetic Metals, 2001, 124, 393-398.	2.1	7
70	The interaction of gas molecules at atmospheric pressures with surfaces investigated with surface X-ray diffraction. Surface Science, 2001, 482-485, 101-106.	0.8	7
71	Interlayer relaxation of W(110) studied by surface X-ray diffraction. Surface Science, 2001, 475, 103-108.	0.8	26
72	Surface structure and stress in Fe monolayers on W(110). Physical Review B, 2001, 64, .	1.1	33

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73	Atomic relaxations near surface steps on Pt(977). Physical Review B, 2001, 64, .	1.1	10
74	Adsorption of Carbon Monoxide on Ni(110) Above Atmospheric Pressure Investigated with Surface X-Ray Diffraction. Physical Review Letters, 2001, 86, 5325-5328.	2.9	48
75	Grazing incidence small-angle X-ray scattering from laterally ordered triangular pyramidal Ge islands on Si(111). Journal of Applied Crystallography, 2000, 33, 433-436.	1.9	15
76	Study ofC60/Au(110)â^'p(6Ã—5)Reconstruction from In-Plane X-Ray Diffraction Data. Physical Review Letters, 2000, 85, 1040-1043.	2.9	59
77	Residual strain in Ge pyramids on Si(111) investigated by x-ray crystal truncation rod scattering. Physical Review B, 2000, 62, 8223-8231.	1.1	21
78	Interaction of CO with the reconstructed Au(111) surface near atmospheric pressures. Physical Review B, 2000, 62, R2295-R2298.	1.1	8
79	Structural Anisotropy of Poly(alkylthiophene) Films. Macromolecules, 2000, 33, 3120-3127.	2.2	158
80	Structural aspects of electrochemical doping and dedoping of poly(3,4-ethylenedioxythiophene). Synthetic Metals, 2000, 113, 93-97.	2.1	102
81	Symmetry breaking and atomic displacements in the 3Ã—3 surface phase of Pb/Ge(111). Surface Science, 2000, 454-456, 191-195.	0.8	1
82	Structural characterisation and homoepitaxial growth on Cu(111). Surface Science, 2000, 459, 191-205.	0.8	26
83	Effect of a surfactant in homoepitaxial growth of Ag (001): dendritic versus faceted island morphologies. Surface Science, 2000, 464, 165-175.	0.8	11
84	Elevated-pressure chemical reactivity of carbon monoxide over Au(111). Surface Science, 2000, 467, 10-22.	0.8	35
85	Nature of the Low-Temperature3Ã—3Surface Phase of Pb/Ge(111). Physical Review Letters, 1999, 82, 2524-2527.	2.9	47
86	Magnetization of Pt in the Co/Pt(110) system investigated with surface x-ray magnetic diffraction: Evidence for in-plane magnetic anisotropy. Physical Review B, 1999, 60, 10193-10198.	1.1	7
87	Co/Pt(110) interface: An x-ray-diffraction study. Physical Review B, 1999, 59, 2431-2435.	1.1	10
88	Ultrahigh vacuum/high pressure chamber for surface x-ray diffraction experiments. Review of Scientific Instruments, 1999, 70, 1478-1480.	0.6	61
89	Surface x-ray-diffraction study of theRh(111)+(2Ã—2)â^'3COstructure. Physical Review B, 1999, 59, 5876-5880.	1.1	35
90	Epitaxial growth of metals with high Ehrlich-Schwoebel barriers and the effect of surfactants. Applied Physics A: Materials Science and Processing, 1999, 69, 553-557.	1.1	25

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91	In-Plane X-Ray Diffraction Study of the C60/Au(110) p(6ï¿½5) Reconstructed Surface by Direct Methods. Physica Status Solidi (B): Basic Research, 1999, 215, 773-777.	0.7	7
92	Application of the â€˜direct methodsâ€™ difference sum function to the solution of reconstructed surfaces. Surface Science, 1999, 423, 338-345.	0.8	14
93	<title>Surface strain during homoepitaxy: growth and ion ablation of CdTe</title>. , 1999, , .		0
94	Measurement of the magnetism of a single atomic plane with X-ray diffraction. Physica B: Condensed Matter, 1998, 248, 9-13.	1.3	5
95	Role of the plasma in the growth of amorphous carbon films by pulsed laser deposition. Journal of Applied Physics, 1998, 84, 572-576.	1.1	9
96	Application of x-ray direct methods to surface reconstructions: The solution of projected superstructures. Physical Review B, 1998, 57, R4281-R4284.	1.1	27
97	Determination of scaling exponents in Ag(100) homoepitaxy with x-ray diffraction profiles. Physical Review B, 1998, 57, 6325-6328.	1.1	28
98	A RAY TRACING METHOD TO DESCRIBE THE ANGULAR PROFILES OF DIFFRACTION RODS IN SURFACE X RAY EXPERIMENTS. Surface Review and Letters, 1997, 04, 1035-1038.	0.5	2
99	Surface damage in the submonolayer growth of carbon on Si(111)7Ã—7 by means of the laser ablation deposition technique. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1997, 15, 39-42.	0.9	2
100	X-Ray Observation of a Chemical Order Driven Morphological Transition on the Surface of anA3BType Alloy. Physical Review Letters, 1997, 78, 3003-3006.	2.9	10
101	Surface x-ray diffraction fromCo/Pt(111)ultrathin films and alloys: Structure and magnetism. Physical Review B, 1997, 56, 9848-9857.	1.1	101
102	Slits as Adjustable Pinholes for Coherent X-ray Scattering Experiments. Journal of Synchrotron Radiation, 1997, 4, 210-213.	1.0	13
103	The structure of the Ge(001)-(2 Ã— 1) reconstruction investigated with X-ray diffraction. Surface Science, 1996, 364, 242-252.	0.8	30
104	Evidence of an implantation process in carbon deposition on Si(100) at high substrate temperature by laser ablation. Surface Science, 1996, 369, 45-50.	0.8	1
105	Separation of thesp3andsp2components in the C1sphotoemission spectra of amorphous carbon films. Physical Review B, 1996, 54, 8064-8069.	1.1	717
106	Pokrovsky-Talapov commensurate-incommensurate transition in the CO/Pd(100) system. Physical Review B, 1996, 54, 17097-17101.	1.1	14
107	Resonant Surface Magnetic X-Ray Diffraction from Co3Pt(111). Physical Review Letters, 1996, 77, 747-750.	2.9	48
108	Disordering of the low-temperaturec(4Ã—2) structure of Ge(001) to the (2Ã—1) reconstruction: Evidence for a mean-field transition. Physical Review B, 1996, 54, 5581-5585.	1.1	10

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109	Two-layer behaviour during low-energy ion ablation of CdTe(001) studied by in situ X-ray diffraction and by Monte Carlo simulation. Europhysics Letters, 1996, 36, 271-276.	0.7	11
110	Atomic Scale Engineering of Superlattices and Magnetic Wires. Materials Research Society Symposia Proceedings, 1995, 384, 49.	0.1	5
111	X-ray Fraunhofer diffraction from a mirror at grazing angles. Nuclear Instruments & Methods in Physics Research B, 1995, 100, 536-539.	0.6	3
112	Indium-induced lowering of the Schwoebel barrier in the homoepitaxial growth of Cu(100). Physical Review B, 1995, 51, 14806-14809.	1.1	57
113	Ultrahighâ€vacuumâ€compatible position and shape monitor for high brilliance synchrotron radiation beams. Review of Scientific Instruments, 1995, 66, 1882-1884.	0.6	4
114	Beam monitor for undulator white radiation in the hardâ€xâ€ray range. Review of Scientific Instruments, 1995, 66, 1879-1881.	0.6	8
115	Indium-induced layer-by-layer growth and suppression of twin formation in the homoepitaxial growth of Cu(111). Physical Review B, 1995, 52, 17443-17448.	1.1	70
116	Atomic Structure of thec(4Ã—2) Surface Reconstruction of Ge(001) as Determined by X-Ray Diffraction. Physical Review Letters, 1995, 75, 1771-1774.	2.9	81
117	Surface diffraction at ESRF: Recent results. Synchrotron Radiation News, 1995, 8, 10-13.	0.2	1
118	Vibrational Anisotropy of a CO Monolayer on Ni(110). Europhysics Letters, 1995, 32, 37-42.	0.7	13
119	Atomic structure of the CdTe(001) C(2Ã—2) reconstructed surface: A grazing incidence xâ€ray diffraction study. Applied Physics Letters, 1995, 67, 3957-3959.	1.5	33
120	Surface diffraction beamline at ESRF. Review of Scientific Instruments, 1995, 66, 1674-1676.	0.6	125
121	Incomplete Melting of the Si(001) Surface: A Photoelectron Diffraction Study. Europhysics Letters, 1994, 25, 119-124.	0.7	28
122	Temperature dependent photoelectron diffraction of the Si(001) surface. Surface Science, 1994, 307-309, 775-780.	0.8	5
123	STM studies of Si and C evaporation on Si (111) at RT by laser ablation. Microscopy Microanalysis Microstructures, 1994, 5, 57-60.	0.4	1
124	Phase information in the crystal truncation rods. Surface Science, 1993, 286, L564-L570.	0.8	1
125	STM studies of Si evaporation on Si at RT by laser ablation. Surface Science, 1993, 287-288, 911-914.	0.8	1
126	Scanning tunneling characterization of the atomic and electronic structure of nanometer thick carbon films grown by pulsed laser vaporization of graphite. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1992, 10, 566.	1.6	3

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127	Electron loss spectroscopy study of the growth by laser ablation of ultra-thin diamond-like films on Si(100). Surface Science, 1992, 260, L17-L23.	0.8	21
128	The initial stage of epitaxial growth of Ge on Ge(111) as studied by X-ray diffraction. Surface Science, 1992, 264, 281-291.	0.8	9
129	Raman spectroscopy of carbon films grown by pulsed laser evaporation of graphite. Diamond and Related Materials, 1992, 1, 824-827.	1.8	29
130	Epitaxial growth of diamond-like films on Si(100) by pulsed-laser evaporation of graphite. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1992, 11, 337-340.	1.7	8
131	Scanning tunnelling microscopy studies of diamond-like films prepared by laser ablation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1992, 11, 363-367.	1.7	1
132	Scanning tunneling microscopy observation of the initial stages of growth of carbon films grown by pulsed laser vaporization of graphite. Ultramicroscopy, 1992, 42-44, 616-623.	0.8	7
133	Evaluation of the anticlastic curvature of elastically bent crystals for X-ray focusing optics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 311, 444-447.	0.7	9
134	Epitaxial submonolayer cobalt films on Cu(100) studied by X-ray diffraction. Surface Science, 1991, 250, L363-L367.	0.8	16
135	The early stages of growth of crystalline, diamond-like films on Si(100) by pulsed laser evaporation of graphite. Surface Science, 1991, 251-252, 960-964.	0.8	15
136	Epitaxial submonolayer cobalt films on Cu(100) studied by X-ray diffraction. Surface Science Letters, 1991, 250, L363-L367.	0.1	2
137	Neutron-diffraction study on the field dependent magnetic ordering in Coâ€”Cu superlattices. Journal of Magnetism and Magnetic Materials, 1991, 93, 89-94.	1.0	7
138	Epitaxial growth of metals studied with thermal energy atom scattering. Vacuum, 1990, 41, 464-466.	1.6	4
139	Epitaxial growth of metals: from monolayer to superlattice. Vacuum, 1990, 41, 482-484.	1.6	6
140	Epitaxy and magnetic properties of fcc cobalt films on Cu(100). Vacuum, 1990, 41, 503-505.	1.6	28
141	Oxygen-induced missing-row reconstruction of Cu(001) and Cu(001)-vicinal surfaces. Physical Review B, 1990, 42, 6954-6962.	1.1	105
142	Surface crystallography ofYSi2â^'xfilms epitaxially grown on Si(111): An x-ray photoelectron diffraction study. Physical Review Letters, 1990, 64, 311-314.	2.9	101
143	Epitaxial growth of crystalline, diamondâ€like films on Siâ€‰(100) by laser ablation of graphite. Applied Physics Letters, 1990, 57, 1742-1744.	1.5	65
144	Antiferromagnetic ordering in Co-Cu single-crystal superlattices. Physical Review B, 1989, 39, 9726-9729.	1.1	145

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145	Structure and melting of lead overlayers on Cu(100) studied with thermal-energy atom scattering. Physical Review B, 1989, 39, 5778-5786.	1.1	44
146	X-ray intensity oscillations occurring during growth of Ge on Ge(111)-a comparison with RHEED. Journal of Physics Condensed Matter, 1989, 1, SB213-SB214.	0.7	4
147	A structural study of the K adsorption site on a Si(001)2 Ã— 1 surface: Dimer, caves or both. Surface Science, 1989, 211-212, 31-38.	0.8	33
148	Characterization of the growth processes and magnetic properties of thin ferromagnetic cobalt films on Cu(100). Surface Science, 1989, 211-212, 732-739.	0.8	82
149	Epitaxial growth of metals: Experimental results and Monte Carlo simulation. Surface Science, 1989, 211-212, 797-803.	0.8	22
150	Monte Carlo simulation of the growth of a Cu(100) surface from its own vapor; island nucleation and step propagation growth modes. Journal of Crystal Growth, 1988, 91, 481-489.	0.7	17
151	Quantitative evaluation of the perfection of an epitaxial film grown by vapor deposition as determined by thermal energy atom scattering. Journal of Crystal Growth, 1988, 88, 442-454.	0.7	82
152	Epitaxy of Pt on Au(001): Growth mode, interface state and Pt core-level shifts. Surface Science, 1988, 198, L365-L374.	0.8	10
153	Monoâ€•and multiatomic steps with constant periodicity as observed by STM in vicinal Au(111) surfaces. Journal of Microscopy, 1988, 152, 697-701.	0.8	7
154	FERROMAGNETISM IN EPITAXIAL TRANSITION METAL FILMS. Journal De Physique Colloque, 1988, 49, C8-1657-C8-1658.	0.2	8
155	Empty Interface State in Pt/Au(001) Revealed by Inverse Photoemission. Europhysics Letters, 1987, 4, 603-608.	0.7	1
156	Helium scattering study of the growth mechanism and phase transitions of Pb overlayers on Cu(100). Journal of Applied Physics, 1987, 61, 1239-1241.	1.1	14
157	Summary Abstract: Helium scattering study of the initial stages of growth of Pb overlayers on Cu(100). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1987, 5, 888-889.	0.9	1
158	Scanning-tunneling-microscopy study of the Au(334) surface in air. Physical Review B, 1987, 35, 3036-3038.	1.1	10
159	Cross section for diffuse scattering from random steps on Cu(100) determined by teas (thermal) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	22
160	Inverse photoemission of metal epitaxial growth: Evidence for an empty interface state. Surface Science, 1987, 189-190, 393-398.	0.8	1
161	The surface morphology of a growing crystal studied by thermal energy atom scattering (TEAS). Surface Science, 1987, 189-190, 1062-1068.	0.8	120
162	Low temperature diffusion of Pt and Au atoms through thin TiO2 films on a Ti substrate. Surface Science, 1987, 191, 147-156.	0.8	43

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163	Structure and thermal stability of the Au(334) surface and Au(111) thin films in air: A scanning tunneling microscopy study. Applied Surface Science, 1987, 28, 279-290.	3.1	30
164	Cross section for diffuse scattering from random steps on Cu(100) determined by TEAS (thermal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.1	2
165	A new high temperature superconductor: Ba2SmCu3O9â^'x. Solid State Communications, 1987, 63, 507-510.	0.9	32
166	The surface topography of pyrolitic carbons and of gold thin films by scanning tunneling microscopy: Grain boundaries and surface defects. Thin Solid Films, 1987, 154, 65-73.	0.8	6
167	A new CO adsorption state on thermally treated model catalysts. Surface Science, 1986, 178, 850-855.	0.8	15
168	The first stages of epitaxial growth of Pb atoms on Cu(100) studied by scattering of thermal helium. Surface Science, 1986, 178, 917-926.	0.8	14
169	Photoemission multiplet splitting in metallic glasses. Journal of Non-Crystalline Solids, 1986, 88, 162-166.	1.5	0
170	The strong metalâ€“support interaction (SMSI) in Ptâ€“TiO2 model catalysts. A new CO adsorption state on Ptâ€“Ti atoms. Journal of Chemical Physics, 1986, 84, 6474-6478.	1.2	41
171	Surface structural determination for a weakly ordered and a disordered phase of Cl on Ag(111). Physical Review B, 1986, 34, 2975-2978.	1.1	87
172	Core level photoemission study of Au deposited on Pt(111) in the submonolayer range. Surface Science Letters, 1985, 160, L488-L492.	0.1	1
173	An ISS-XPS study on the oxidation of Al(111); identification of stoichiometric and reduced oxide surfaces. Surface Science, 1985, 157, 233-243.	0.8	49
174	Empty electronic levels of CO on Pt(110) (1Ã—2) and (1Ã—1) substrates as revealed by inverse photoemission. Surface Science, 1985, 162, 264-268.	0.8	46
175	Diffusion of metallic atoms through thin oxides in metallic substrates. Surface Science, 1985, 162, 558-562.	0.8	4
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