

# Ronan McGrath

## List of Publications by Year in descending order

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152  
papers

3,947  
citations

159525

30  
h-index

138417

58  
g-index

157  
all docs

157  
docs citations

157  
times ranked

2544  
citing authors

#	ARTICLE	IF	CITATIONS
1	Uwe Grimm (1963–2021). Acta Crystallographica Section A: Foundations and Advances, 2022, 78, 63-64.	0.0	0
2	Growth of pentacene molecules on Tsai-type quasicrystals and related crystal surfaces. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 013211.	0.9	0
3	Adsorption of Pentacene on the 2-fold Surface of the Icosahedral Ag-In-Yb Quasicrystal. Materials Transactions, 2021, 62, 312-316.	0.4	4
4	Pentacene growth on the (111) surface of the 1/1 Au-Al-Tb approximant: Influence of surface geometry on adsorption. Physical Review Materials, 2021, 5, .	0.9	0
5	Influence of differences in orientational planar density on the growth of Pb on the i-Ag-In-Yb quasicrystal. Journal of Physics Condensed Matter, 2020, 32, 425006.	0.7	2
6	C60 on impurity phases of the 2-fold surface of the Al-Pd-Mn quasicrystal. Journal of Physics: Conference Series, 2020, 1458, 012015.	0.3	0
7	Bias-voltage dependent STM images from the 2-fold surface of the icosahedral Ag-In-Yb quasicrystal. Journal of Physics: Conference Series, 2020, 1458, 012017.	0.3	5
8	Atomic structure of the (111) surface of the antiferromagnetic 1/1 Au-Al-Tb approximant. Physical Review B, 2020, 102, .	1.1	3
9	Unique growth mode observed in a Pb thin film on the threefold surface of an i-Ag-In-Yb quasicrystal. Physical Review Materials, 2020, 4, .	0.9	6
10	Ultra-Thin Films on Complex Metallic Alloy Surfaces: A Perspective. Materials Horizons, 2020, , 13-34.	0.3	0
11	Some recent advances in the surface science of complex metallic alloys. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e417-e417.	0.0	0
12	A molecular overlayer with the Fibonacci square grid structure. Nature Communications, 2018, 9, 3435.	5.8	17
13	Growth of a bismuth thin film on the five-fold surface of the icosahedral Ag-In-Yb quasicrystal. Surface Science, 2018, 678, 222-227.	0.8	11
14	Preparation dependent surface structure of NiAl(100). Journal of Physics: Conference Series, 2017, 809, 012016.	0.3	1
15	Medium energy ion scattering (MEIS) study from the five-fold surface of icosahedral Ag-In-Yb quasicrystal. Journal of Physics: Conference Series, 2017, 809, 012017.	0.3	1
16	Templated quasicrystalline thin film of molecules: recent extended study. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1316-C1316.	0.0	0
17	Coverage-dependent structural phase transformations in the adsorption of pentacene on an aperiodically modulated Cu film. Journal of Chemical Physics, 2016, 145, 154707.	1.2	1
18	Surface structure of the Ag-In-(rare earth) complex intermetallics. Physical Review B, 2016, 93, .	1.1	6

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19	Crystal to Quasicrystal Surface Phase Transition: An Unlocking Mechanism for Templated Growth. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5477-5485.	1.5	0
20	X-ray standing wave study of Si clusters on a decagonal Al-Co-Ni quasicrystal surface. <i>Physical Review B</i> , 2015, 91, .	1.1	1
21	Influence of leaching on surface composition, microstructure, and valence band of single grain icosahedral Al-Cu-Fe quasicrystal. <i>Journal of Chemical Physics</i> , 2015, 142, 094703.	1.2	11
22	Leaching Effect on Multiple Surfaces of a Single Grain Decagonal Al-Ni-Co Quasicrystal. <i>Acta Physica Polonica A</i> , 2014, 126, 520-523.	0.2	1
23	The Structure of the (100) Surface of Ag-In-Gd 1/1 Approximant. <i>Acta Physica Polonica A</i> , 2014, 126, 479-481.	0.2	4
24	Leaching of Al-Based Polygrain Quasicrystalline and Related Crystalline Surfaces. <i>Acta Physica Polonica A</i> , 2014, 126, 629-632.	0.2	6
25	Crystalline and quasicrystalline allotropes of Pb formed on the fivefold surface of icosahedral Ag-In-Yb. <i>Journal of Chemical Physics</i> , 2014, 140, 174710.	1.2	10
26	Quantitative Adsorbate Structure Determination for Quasicrystals Using X-Ray Standing Waves. <i>Physical Review Letters</i> , 2014, 113, 106101.	2.9	6
27	Structure of the twofold surface of the icosahedral Ag <sup>100</sup> In <sup>100</sup> Yb quasicrystal. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 015001.	0.7	9
28	Templated Quasicrystalline Molecular Ordering. <i>Nano Letters</i> , 2014, 14, 1184-1189.	4.5	42
29	Hard X-ray Photoelectron Spectroscopy (HAXPES) characterisation of electrochemical passivation oxide layers on Al <sup>100</sup> Cr <sup>100</sup> Fe complex metallic alloys (CMAs). <i>Electrochemistry Communications</i> , 2014, 46, 13-17.	2.3	16
30	Depth dependent order/disorder transitions in iron-rich thin films grown on i-Al <sup>100</sup> Pd <sup>100</sup> Mn studied by medium energy ion scattering. <i>Surface Science</i> , 2014, 620, 59-64.	0.8	1
31	Templated quasicrystalline ordering of single elements and molecules. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C81-C81.	0.0	0
32	STM and XPS investigation of the oxidation of the Al <sub>4</sub> (Cr,Fe) quasicrystal approximant. <i>Applied Surface Science</i> , 2013, 283, 276-282.	3.1	19
33	Scanning tunneling microscopy of a polygrain Al <sup>100</sup> Pd <sup>100</sup> Re quasicrystal: study of the relative surface stability. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 395007.	0.7	3
34	Acene adsorption on a Fibonacci-modulated Cu film. <i>Physical Review B</i> , 2013, 87, .	1.1	6
35	Templated three-dimensional growth of quasicrystalline lead. <i>Nature Communications</i> , 2013, 4, 2715.	5.8	36
36	Effect of Leaching on Surface Microstructure and Chemical Composition of Al-Based Quasicrystals. , 2013, , 275-282.		3

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37	Epitaxial Bi allotropes on quasicrystal surfaces as templates for adsorption of pentacene and fullerene. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 354012.	0.7	1
38	The atomic structure of the threefold surface of the icosahedral Ag-In-Yb quasicrystal. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 445011.	0.7	9
39	The memory of surfaces: epitaxial growth on quasi-crystals. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 2930-2948.	1.6	12
40	Thin Film Growth on Quasicrystalline Surfaces. <i>Israel Journal of Chemistry</i> , 2011, 51, 1314-1325.	1.0	14
41	XPS study of adsorption and desorption of a Bi thin film on the five-fold icosahedral Al-Pd-Mn surface. <i>Philosophical Magazine</i> , 2011, 91, 2889-2893.	0.7	4
42	Step-terrace morphology and reactivity to C <sub>60</sub> of the five-fold icosahedral Ag-In-Yb quasicrystal. <i>Philosophical Magazine</i> , 2011, 91, 2862-2869.	0.7	10
43	Structure of quasicrystalline surfaces. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C17-C17.	0.3	0
44	Adsorption of pentacene on quasi-periodic surfaces. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C630-C631.	0.3	0
45	C <sub>60</sub> adsorption on an aperiodically modulated Cu surface. <i>Journal of Physics: Conference Series</i> , 2010, 226, 012006.	0.3	7
46	SURFACE STRUCTURE OF COMPLEX METALLIC ALLOYS. <i>Book Series on Complex Metallic Alloys</i> , 2010, , 119-148.	0.1	0
47	Two- and three-dimensional growth of Bi on Al-Pd-Mn studied using medium-energy ion scattering. <i>Physical Review B</i> , 2010, 82, .	1.1	4
48	Quasiperiodic Pb monolayer on the fivefold Al-Pd-Mn surface: Structure and electronic properties. <i>Physical Review B</i> , 2010, 82, .	1.1	16
49	Valence band structure of the icosahedral Ag-In-Yb quasicrystal. <i>Physical Review B</i> , 2010, 81, .	1.1	22
50	Structure and reactivity of Bi allotropes on the fivefold icosahedral Al-Pd-Mn quasicrystal surface. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 345002.	0.7	12
51	The surface science of quasicrystals. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 084022.	0.7	26
52	Surface oxidation of the icosahedral Ag-In-Yb quasicrystal. <i>Physical Review B</i> , 2010, 82, .	1.1	9
53	Structure of the fivefold surface of the Ag-In-Yb icosahedral quasicrystal. <i>Physical Review B</i> , 2009, 80, .	1.1	35
54	Nucleation of Pb starfish clusters on the five-fold Al-Pd-Mn quasicrystal surface. <i>Physical Review B</i> , 2009, 79, .	1.1	40

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55	Surface Geometry of $C_{60}$ on Ag(111). Physical Review Letters, 2009, 103, 056101.	2.9	121
56	Surface study of the (100) and (010) faces of the quasicrystal approximant Al <sub>4</sub> (Cr, Fe). Zeitschrift Fur Kristallographie - Crystalline Materials, 2009, 224, 13-15.	0.4	8
57	Single-Molecule Solvation-Shell Sensing. Physical Review Letters, 2009, 102, 086801.	2.9	89
58	Formation of a quasicrystalline Pb monolayer on the 10-fold surface of the decagonal Al <sub>72</sub> Ni <sub>11</sub> Co quasicrystal. Surface Science, 2008, 602, 2496-2501.	0.8	27
59	Low-energy electron diffraction (LEED) study of an aperiodic thin film of Cu on 5-fold i-Al-Pd-Mn. Philosophical Magazine, 2008, 88, 2103-2110.	0.7	6
60	Ordering of adsorbed species on quasicrystal surfaces. Philosophical Magazine, 2008, 88, 2073-2082.	0.7	17
61	Iron deposition on the tenfold surface of the Al <sub>72</sub> Ni <sub>11</sub> Co <sub>17</sub> decagonal quasicrystal. Journal of Physics Condensed Matter, 2008, 20, 015005.	0.7	6
62	Nucleation and growth of pseudomorphic monolayers on quasicrystal surfaces. Journal of Physics Condensed Matter, 2008, 20, 314005.	0.7	22
63	Nucleation and growth of a quasicrystalline monolayer: Bi adsorption on the fivefold surface of $i\text{-Al}_{72}\text{Ni}_{11}\text{Co}_{17}$ . Physical Review B, 2008, 78, .	1.1	47
64	Self-assembly, structure, and electronic properties of a quasiperiodic lead monolayer. Physical Review B, 2008, 77, .	1.1	60
65	Iron deposition on the five-fold surface of the icosahedral Al <sub>72</sub> Pd <sub>11</sub> Mn quasicrystal. Surface Science, 2007, 601, 3450-3455.	0.8	10
66	The clean and copper-dosed two-fold surface of the icosahedral Al <sub>72</sub> Pd <sub>11</sub> Mn quasicrystal. Surface Science, 2006, 600, 4132-4136.	0.8	11
67	Ordering of Si atoms on the ten-fold surface of the decagonal Al <sub>72</sub> Ni <sub>11</sub> Co <sub>17</sub> quasicrystal. Surface Science, 2006, 600, 4752-4757.	0.8	10
68	Film growth arising from the deposition of Au onto anti-Al <sub>72</sub> Pd <sub>11</sub> Mn quasicrystal: a medium energy ion scattering study. Journal of Physics Condensed Matter, 2006, 18, 5017-5027.	0.7	11
69	Adsorption of benzene on the five-fold surface of the i-Al <sub>70</sub> Pd <sub>21</sub> Mn <sub>9</sub> quasicrystal. Philosophical Magazine, 2006, 86, 869-874.	0.7	14
70	Adsorption of cobalt on the tenfold surface of i-Al <sub>72</sub> Ni <sub>11</sub> Co <sub>17</sub> and on the fivefold surface of i-Al <sub>70</sub> Pd <sub>21</sub> Mn <sub>9</sub> . Philosophical Magazine, 2006, 86, 841-847.	0.7	30
71	Ordering of Si atoms on the fivefold Al <sub>72</sub> Pd <sub>11</sub> Mn quasicrystal surface. Physical Review B, 2006, 73, .	1.1	30
72	Characterization of aperiodic and periodic thin Cu films formed on the five-fold surface of i-Al <sub>70</sub> Pd <sub>21</sub> Mn <sub>9</sub> using medium-energy ion scattering spectroscopy. Physical Review B, 2006, 74, .	1.1	20

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73	Surface vacancies at the fivefold icosahedral Al-Pd-Mn quasicrystal surface: A comparison of ab initio calculated and experimental STM images. <i>Physical Review B</i> , 2006, 73, .	1.1	49
74	Step structure on the fivefold Al-Pd-Mn quasicrystal surface, and on related surfaces. <i>Surface Science</i> , 2005, 583, 4-15.	0.8	22
75	Compositional and structural changes in i-AlPdMn quasicrystals induced by sputtering and annealing: A medium energy ion scattering study. <i>Surface Science</i> , 2005, 583, 139-150.	0.8	16
76	Copper adsorption on the fivefold Al <sub>70</sub> Pd <sub>21</sub> Mn <sub>9</sub> quasicrystal surface. <i>Physical Review B</i> , 2005, 72, .	1.1	48
77	Fabricating novel symmetry nanoscale systems using quasicrystal surfaces. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005, 61, c37-c38.	0.3	0
78	Pseudomorphic Growth of a Single Element Quasiperiodic Ultrathin Film on a Quasicrystal Substrate. <i>Physical Review Letters</i> , 2004, 92, 135507.	2.9	99
79	Low-energy electron diffraction study of potassium adsorbed on single-crystal graphite and highly oriented pyrolytic graphite. <i>Physical Review B</i> , 2004, 70, .	1.1	30
80	Structure of the tenfold Al-Ni-Co quasicrystal surface. <i>Physical Review B</i> , 2004, 69, .	1.1	52
81	Maximum density rule for bulk terminations of quasicrystals. <i>Physical Review B</i> , 2004, 69, .	1.1	50
82	Dynamical low-energy electron diffraction study of graphite (0001)-(√3×√3)R30°-Xe. <i>Surface Science</i> , 2004, 548, 157-162.	0.8	30
83	An STM and SXPS study of the interaction of C <sub>60</sub> with the ten-fold surface of the Al <sub>72</sub> Ni <sub>11</sub> Co <sub>17</sub> quasicrystal. <i>Surface Science</i> , 2004, 566-568, 1200-1205.	0.8	14
84	A search for order: studies of clean quasicrystal surfaces and their use as templates for the formation of nanoscale aperiodic systems. <i>Progress in Surface Science</i> , 2004, 75, 131-145.	3.8	3
85	Quasicrystal surfaces as templates for artificial aperiodic systems: from nanoclusters to epilayers. <i>Journal of Non-Crystalline Solids</i> , 2004, 334-335, 500-504.	1.5	6
86	The forbidden beauty of quasicrystals. <i>Physics World</i> , 2004, 17, 23-27.	0.0	8
87	Pseudomorphic starfish: nucleation of extrinsic metal atoms on a quasicrystalline substrate. <i>Surface Science</i> , 2003, 526, 115-120.	0.8	75
88	Low-energy electron diffraction from quasicrystal surfaces. <i>Journal of Physics Condensed Matter</i> , 2003, 15, R63-R81.	0.7	35
89	Nanostructured quasiperiodic surfaces: the origin of pentagonal hollows and their role in adsorption and nucleation processes. <i>Journal of Physics Condensed Matter</i> , 2003, 15, S3113-S3125.	0.7	39
90	Bulk termination of the quasicrystalline fivefold surface of Al <sub>70</sub> Pd <sub>21</sub> Mn <sub>9</sub> . <i>Physical Review B</i> , 2002, 66, .	1.1	113

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91	Quasicrystal surfaces: structure and potential as templates. Journal of Physics Condensed Matter, 2002, 14, R119-R144.	0.7	70
92	Quasicrystal surfaces: potential as templates for molecular adsorption. Journal of Alloys and Compounds, 2002, 342, 432-436.	2.8	36
93	Sulphur adsorption on the fivefold surface of the i-Al $\sqrt{3}$ -Pd $\sqrt{3}$ -Mn quasicrystal. Surface Science, 2002, 512, 77-83.	0.8	17
94	Tilings and Coverings of Quasicrystal Surfaces. , 2002, , 257-268.		0
95	Stability of Polar Oxide Surfaces. Physical Review Letters, 2001, 86, 3811-3814.	2.9	400
96	C60 adsorption on the quasicrystalline surface of Al70Pd21Mn9. Surface Science, 2001, 472, 89-96.	0.8	57
97	Tiling of the fivefold surface of Al70Pd21Mn9. Surface Science, 2001, 492, L729-L734.	0.8	56
98	SCALING PARAMETERS FOR GOLD AND COPPER CLUSTER GROWTH ON AN ALUMINA SINGLE CRYSTAL SURFACE. Surface Review and Letters, 2001, 08, 693-697.	0.5	19
99	Decomposition of the five-fold surface of Al70Pd21Mn9 at elevated temperature. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2000, 294-296, 871-873.	2.6	19
100	Copper interface induced relaxation of TiO2(110) $\sqrt{2}$ . Physical Review B, 2000, 61, 16117-16120.	1.1	17
101	Surface x-ray diffraction study of the Rh(100)( $\sqrt{2}$ ) $\sqrt{2}$ reconstruction. Physical Review B, 2000, 62, 2113-2117.	1.1	20
102	Surface relaxation of SrTiO3(001). Surface Science, 2000, 457, L376-L380.	0.8	100
103	Electronic structure investigation of the room temperature coadsorption of oxygen and potassium on Ni(100): from oxygen submonolayer coverage to saturated NiO/Ni(100) via an Ni(100)-(3 $\sqrt{3}$ )-(K+O) structure.. Surface Science, 2000, 461, 240-254.	0.8	6
104	Low-energy electron diffraction study of the surface geometry of Ni(100) $\sqrt{3}$ -(3 $\sqrt{3}$ )-K+4O. Surface Science, 2000, 462, 77-84.	0.8	4
105	Coadsorption of potassium at step edges on the Ni(100)( $\sqrt{2}$ ) $\sqrt{2}$ -p4g-N reconstructed surface. Journal of Physics Condensed Matter, 1999, 11, 9549-9554.	0.7	5
106	A SURFACE ANOMALOUS DIFFRACTION STUDY OF THE Ni(100)(3 $\sqrt{3}$ )-(Cs+O) SYSTEM. Surface Review and Letters, 1999, 06, 847-850.	0.5	1
107	LEED AND STM STUDY OF Cs ON Cu(211). Surface Review and Letters, 1999, 06, 865-870.	0.5	2
108	An STM study of the potassium-induced removal of the Ni(100)( $\sqrt{2}$ ) $\sqrt{2}$ -p4g-N reconstruction. Surface Science, 1999, 424, 74-81.	0.8	8

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109	The Ni(100)(2Å <sup>-2</sup> )p4g <sup>~</sup> N reconstruction determined by surface X-ray diffraction. Surface Science, 1999, 433-435, 317-321.	0.8	9
110	Structural study of the five-fold surface of the Al70Pd21Mn9 quasicrystal. Surface Science, 1999, 433-435, 666-671.	0.8	49
111	Potassium-induced removal of the Ni(100)(2Å <sup>-2</sup> )p4g <sup>~</sup> N reconstruction determined by surface x-ray diffraction. Physical Review B, 1998, 58, 12659-12662.	1.1	6
112	Enhanced orbital magnetism at the nanostructured Co/Cu(1 1 13) surface. Physical Review B, 1998, 58, R11853-R11856.	1.1	23
113	Clustered, Terraced And Mixed Surface Phases Of The Al70Pd21Mn9 Quasicrystal. Materials Research Society Symposia Proceedings, 1998, 553, 237.	0.1	13
114	BONDING OF POTASSIUM IN THE Ni(100)-(3Å <sup>-3</sup> )-(K+O) COADSORPTION SYSTEM. Surface Review and Letters, 1997, 04, 1341-1345.	0.5	5
115	Removal of the clock reconstruction of Ni(100)-(2Å <sup>-2</sup> )p4g-N by coadsorption of K: A spot-profile-analysis low-energy-electron-diffraction and angle-resolved ultraviolet-photoemission-spectroscopy study. Physical Review B, 1997, 56, 7636-7642.	1.1	6
116	Angle-resolved photoemission study of half-monolayer O and S structures on the Rh(100) surface. Physical Review B, 1997, 55, 10014-10021.	1.1	18
117	Current progress in understanding alkali metal adsorption on metal surfaces. Journal of Physics Condensed Matter, 1997, 9, 951-968.	0.7	86
118	Relaxation of TiO2(110)-(1Å <sup>-1</sup> ) Using Surface X-Ray Diffraction. Physical Review Letters, 1997, 78, 495-498.	2.9	303
119	STM and SPA-LEED studies of O-induced structures on Rh(100) surfaces. Surface Science, 1996, 352-354, 173-178.	0.8	58
120	Structural study of Rh(100)-c(2 Å <sup>-2</sup> )-S using the normal-incidence standing X-ray wavefield method. Surface Science, 1996, 369, 36-44.	0.8	14
121	Structural studies of alkali metal adsorption and coadsorption on metal surfaces. Surface Science Reports, 1996, 23, 43-171.	3.8	312
122	A normal incidence X-ray standing wave study of sulphur adsorption on InP(110). Applied Surface Science, 1996, 104-105, 257-261.	3.1	9
123	Formation of ordered islands in CO adsorption on K pre-covered Ni(100) surfaces. Chemical Physics Letters, 1995, 237, 474-479.	1.2	9
124	Changes in oxygen Auger spectra induced by potassium in the Ni(100)-O/K coadsorption system. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 43-47.	0.8	4
125	ALKALI-METAL ADSORPTION ON COPPER AND NICKEL SURFACES. Surface Review and Letters, 1995, 02, 387-407.	0.5	28
126	H2S adsorption on the (110) surfaces of III <sup>~</sup> V semiconductors. Surface Science, 1995, 344, 1-10.	0.8	21



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127	ON STRUCTURAL EFFECTS IN ALKALI-OXYGEN COADSORPTION SYSTEMS. Surface Review and Letters, 1994, 01, 529-534.	0.5	2
128	Oxygen-induced ordering of potassium in a coadsorbate phase: a SPA-LEED and STM study of K-O/Ni(100). Surface Science, 1994, 314, 307-314.	0.8	27
129	Overlayer ordering induced by carbon monoxide adsorption on potassium pre-covered Ni(100). Surface Science, 1994, 307-309, 668-673.	0.8	7
130	Defect- and contamination-induced pinning of higher-order reconstructions on Ge(001). Surface Science, 1994, 307-309, 741-746.	0.8	9
131	An X-ray absorption fine structure study of Ge(001)(2 $\sqrt{3}$ –1)-S. Surface Science, 1993, 287-288, 317-320.	0.8	15
132	Top-site adsorption for K on Cu(111) and Ni(111) surfaces. Physical Review B, 1993, 48, 17445-17451.	1.1	61
133	Adsorbate-induced de-reconstruction in the interaction of H <sub>2</sub> S with Ge(001)2*1. Journal of Physics Condensed Matter, 1992, 4, 8441-8446.	0.7	14
134	The photoelectron bandstructure of molybdenum disulphide. Journal of Physics Condensed Matter, 1992, 4, 5639-5646.	0.7	16
135	Origin of the x-ray-absorption fine structure in photon-stimulated ion desorption from Si-adsorbate systems. Physical Review B, 1992, 45, 9327-9338.	1.1	12
136	Azimuthal dependence of the near-edge x-ray-absorption fine structure from Ni(110)c(2 $\sqrt{3}$ –2)-S at the SKedge. Physical Review B, 1991, 43, 12289-12295.	1.1	5
137	Structure of a Precursor State in Dissociative Chemisorption. Physical Review Letters, 1990, 64, 575-578.	2.9	23
138	Structure determination of Cu(100)-p(2 $\sqrt{3}$ –2)-S using x-ray diffraction. Physical Review B, 1990, 41, 7896-7898.	1.1	32
139	Low-temperature adsorption of H <sub>2</sub> S on Ni(001) studied by near-edge “and surface-extended” x-ray-absorption fine structure. Physical Review B, 1989, 40, 9457-9463.	1.1	25
140	ARUPS of water adsorption on Si(100) and Si(111) surfaces. Journal of Physics Condensed Matter, 1989, 1, SB105-SB109.	0.7	25
141	Bonding sites for Cl on Si(100)2 $\sqrt{3}$ –1 and Si(111)7 $\sqrt{3}$ –7. Physica B: Condensed Matter, 1989, 158, 640-642.	1.3	1
142	Bonding sites for Cl on Si(100)2 $\sqrt{3}$ – 1 and Si(111)7 $\sqrt{3}$ – 7. Surface Science, 1989, 211-212, 959-968.	0.8	70
143	Face and coverage-dependent sulphur coordination on the (110) and (111) faces of Ni using polarization-dependent SEXAFS and NEXAFS. Vacuum, 1988, 38, 241-246.	1.6	12
144	A photoemission study of H <sub>2</sub> O adsorption on a vicinal Si(100) surface. Vacuum, 1988, 38, 251-255.	1.6	27

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145	Determining the bulk-absorption component in ion-desorption surface EXAFS spectra. <i>Vacuum</i> , 1988, 38, 424-425.	1.6	3
146	A surface exafs study of the Vanadium/Si(111) interface. <i>Surface Science</i> , 1988, 204, 428-444.	0.8	12
147	Metal adatoms on oxidised silicon surfaces. <i>Semiconductor Science and Technology</i> , 1988, 3, 937-942.	1.0	5
148	Determination of sulphur coordination to the two-fold hollow site of Ni(110) using polarisation-dependent sexafs. <i>Surface Science</i> , 1987, 189-190, 495-503.	0.8	32
149	A PSID SEXAFS study of H <sub>2</sub> O adsorption on Si(100). <i>Surface Science</i> , 1986, 178, 101-109.	0.8	20
150	THE USE OF PHOTON STIMULATED ION DESORPTION SEXAFS IN THE DETERMINATION OF SURFACE STRUCTURE. <i>Journal De Physique Colloque</i> , 1986, 47, C8-179-C8-183.	0.2	0
151	AZIMUTHALLY-DEPENDENT X-RAY ABSORPTION NEAR EDGE STRUCTURE FOR SULPHUR ADSORBED ON NICKEL (110). <i>Journal De Physique Colloque</i> , 1986, 47, C8-525-C8-527.	0.2	0
152	Quasicrystal Surfaces: Structure, Adsorption and Epitaxy. <i>Advanced Materials Research</i> , 0, 545, 43-49.	0.3	1