Peter Weightman

List of Publications by Year
in descending order

213 papers	4,516 citations	134610 34 h-index	175968 55 g-index
216 all docs	216 docs citations	216 times ranked	2483 citing authors

#	Article	IF	Citations
1	Prediction of malignant transformation in oral epithelial dysplasia using infrared absorbance spectra. PLoS ONE, 2022, 17, e0266043.	1.1	5
2	Insight into metastatic oral cancer tissue from novel analyses using FTIR spectroscopy and aperture IR-SNOM. Analyst, The, 2021, 146, 4895-4904.	1.7	5
3	Image fusion of IR and optical microscopy for mapping of biomolecules in tissue. Analyst, The, 2021, 146, 5848-5854.	1.7	5
4	LhARA: The Laser-hybrid Accelerator for Radiobiological Applications. Frontiers in Physics, 2020, 8, .	1.0	19
5	A de-waxing methodology for scanning probe microscopy. Analytical Methods, 2020, 12, 3397-3403.	1.3	5
6	Plasma polymerization using helium atmosphericâ€pressure plasma jet with heptylamine monomer. Plasma Processes and Polymers, 2019, 16, e1800185.	1.6	5
7	A novel FTIR analysis method for rapid high-confidence discrimination of esophageal cancer. Infrared Physics and Technology, 2019, 102, 103007.	1.3	8
8	SNOM Imaging of a Cryptâ€Like Feature in Adenocarcinoma Associated with Barrett's Oesophagus. Physica Status Solidi (B): Basic Research, 2018, 255, 1700518.	0.7	4
9	An evaluation of the application of the aperture infrared SNOM technique to biomedical imaging. Biomedical Physics and Engineering Express, 2018, 4, 025011.	0.6	11
10	Submicron infrared imaging of an oesophageal cancer cell with chemical specificity using an IR-FEL. Biomedical Physics and Engineering Express, 2018, 5, 015009.	0.6	5
11	Application of a quantum cascade laser aperture scanning near-field optical microscope to the study of a cancer cell. Analyst, The, 2018, 143, 5912-5917.	1.7	6
12	An imaging dataset of cervical cells using scanning near-field optical microscopy coupled to an infrared free electron laser. Scientific Data, 2017, 4, 170084.	2.4	3
13	Anion replacement at Au(110)/electrolyte interfaces. Physical Chemistry Chemical Physics, 2016, 18, 24396-24400.	1.3	1
14	Use of reflectance anisotropy spectroscopy for mapping the anisotropy of lyotropic liquid crystal dispersions in formulations. Liquid Crystals Today, 2016, 25, 70-73.	2.3	0
15	Imaging cervical cytology with scanning near-field optical microscopy (SNOM) coupled with an IR-FEL. Scientific Reports, 2016, 6, 29494.	1.6	17
16	The reflection anisotropy spectroscopy of the Au(1â€‰1â€‰0) surface structures in liquid environments. Journal of Physics Condensed Matter, 2015, 27, 475005.	0.7	3
17	Ordered multilayers of cytochrome P450 reductase adsorbed at Au(110)/phosphate buffer interfaces. Physica Status Solidi (B): Basic Research, 2015, 252, 181-186.	0.7	1
18	Modification of the Optical Spectrum of Cytosine by the Formation of an Ordered Monolayer of Molecules at a Au(110)/Electrolyte Interface. ChemPhysChem, 2015, 16, 1535-1541.	1.0	0

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19	Investigation of the Frohlich hypothesis with high intensity terahertz radiation. , 2014, , .		4
20	The influence of the structure of the Au(110) surface on the ordering of a monolayer of cytochrome P450 reductase at the Au(110)/phosphate buffer interface. Physica Status Solidi (B): Basic Research, 2014, 251, 549-554.	0.7	4
21	The influence of high intensity terahertz radiation on mammalian cell adhesion, proliferation and differentiation. Physics in Medicine and Biology, 2013, 58, 373-391.	1.6	43
22	Polystyrene Surface Modification for Localized Cell Culture Using a Capillary Dielectric Barrier Discharge Atmosphericâ€<scp>P</scp>ressure Microplasma Jet. Plasma Processes and Polymers, 2013, 10, 978-989.	1.6	20
23	The nature and stability of the Au(110)/electrochemical interface produced by flame annealing. Journal of Physics Condensed Matter, 2012, 24, 482002.	0.7	5
24	Fundamental differences in model cell-surface polysaccharides revealed by complementary optical and spectroscopic techniques. Soft Matter, 2012, 8, 6521.	1.2	7
25	Prospects for the study of biological systems with high power sources of terahertz radiation. Physical Biology, 2012, 9, 053001.	0.8	58
26	The self assembly of thymine at Au(110)/liquid interfaces. Physica Status Solidi (B): Basic Research, 2012, 249, 1206-1209.	0.7	4
27	Optical reflectance anisotropy of the growth of Fe monolayers on W(110). Journal of Physics Condensed Matter, 2011, 23, 355002.	0.7	5
28	The Need for New Surface Science Techniques. Surface and Interface Analysis, 2011, 43, 931-933.	0.8	0
29	The use of reflection anisotropy spectroscopy to assess the alignment of collagen. Journal Physics D: Applied Physics, 2011, 44, 335302.	1.3	4
30	Spectral signatures of the surface reconstructions of Au(110)/electrolyte interfaces. Journal of Physics Condensed Matter, 2010, 22, 392001.	0.7	10
31	Adsorption of the cysteineâ€“tryptophan dipeptide at the Au(110)/liquid interface studied using reflection anisotropy spectroscopy. Surface Science, 2010, 604, 2170-2176.	0.8	8
32	Electron spectroscopy of disordered metal alloys. Journal of Electron Spectroscopy and Related Phenomena, 2010, 178-179, 100-111.	0.8	6
33	The influence of pH on the structure of adenine monolayers adsorbed at Au(110)/electrolyte interfaces. Physica Status Solidi (B): Basic Research, 2010, 247, 1937-1940.	0.7	5
34	Prevention of surface reconstruction at the Au(110)/electrolyte interface by the adsorption of cytosine. Journal of Chemical Physics, 2010, 132, 214708.	1.2	13
35	Evidence for the observation of surface states at the Cu(110)/electrolyte interface. Europhysics Letters, 2010, 92, 57005.	0.7	13
36	Reflection anisotropy spectra of polydimethylsiloxane under a range of mechanically applied stress. Journal Physics D: Applied Physics, 2010, 43, 245301.	1.3	6

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37	In Vivo Spectroscopic Imaging of Biological Membranes and Surface Imaging for High-Throughput Screening. , 2010, , 17-1-17-13.		0
38	A new UV reflection anisotropy spectrometer and its application to the Au(1â€‰1â€‰0)/electrolyte surface. Journal Physics D: Applied Physics, 2009, 42, 115303.	1.3	3
39	Reflection anisotropy spectroscopy of the oxidized diamond (001) surface. Journal of Physics Condensed Matter, 2009, 21, 364218.	0.7	2
40	Detection of DNA hybridisation on a functionalised diamond surface using reflection anisotropy spectroscopy. Europhysics Letters, 2009, 85, 18006.	0.7	9
41	The Structure of Adenine Adsorbed at Sub-Saturation Coverage at Au(110)/Electrolyte Interfaces. E-Journal of Surface Science and Nanotechnology, 2009, 7, 225-229.	0.1	13
42	Al KÎ± and Cu KÎ±1 excited XPS of vanadium oxide and VF3 powders: Measurement of the V 1s â€“ KLL Auger parameters. Journal of Electron Spectroscopy and Related Phenomena, 2008, 162, 19-24.	0.8	12
43	Electron dynamics in two dimensions (A perspective on the article, â€œScattering of surface electrons) Tj ETQq1 1 0.784314 rgBT /O 602, 1729-1730.	0.8	4
44	Azimuthal dependent reflection anisotropy spectroscopy of Ag(110) near the plasmon resonance energy. Applied Physics Letters, 2008, 93, 191102.	1.5	10
45	Observation of the Electrochemical Oxidation of Au(110) by Reflection Anisotropy Spectroscopy. Journal of the Electrochemical Society, 2007, 154, F90.	1.3	9
46	Adsorption of Calf Thymus DNA on Au(110) Studied by Reflection Anisotropy Spectroscopy. Langmuir, 2007, 23, 2078-2082.	1.6	20
47	Auger and photoelectron relaxation energy in aluminum compounds: A cluster model. Journal of Electron Spectroscopy and Related Phenomena, 2007, 159, 1-7.	0.8	2
48	Reflection Anisotropy Spectroscopy Study of the Adsorption of Sulfur-Containing Amino Acids at the Au(110)/Electrolyte Interface. Langmuir, 2006, 22, 3413-3420.	1.6	43
49	Electronic structure of Ti metal and TiO2 powder studied by hard and soft (Cu KÎ±1 and Al KÎ±1) X-ray photoelectron and Auger spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2006, 152, 148-151.	0.8	9
50	Effects of low energy argon ion irradiation on the carbon 1s photoelectron line of highly oriented pyrolytic graphite. Journal of Electron Spectroscopy and Related Phenomena, 2006, 152, 152-157.	0.8	10
51	The initial stages of graphite formation on the diamond (100) 2Ã—1 surface. Journal of Electron Spectroscopy and Related Phenomena, 2006, 152, 33-36.	0.8	5
52	The 1s XPS spectra of the 3d transition metals from scandium to cobalt. Journal of Electron Spectroscopy and Related Phenomena, 2006, 152, 129-133.	0.8	21
53	Performance and application of a high energy monochromated Cu KÎ±1 X-ray source for the electron spectroscopy of materials. Journal of Electron Spectroscopy and Related Phenomena, 2005, 142, 151-162.	0.8	19
54	The adsorption of L-cysteine on Au(110) in ultra-high vacuum and electrochemical environments. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 4012-4016.	0.8	10

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55	Investigating the adsorption of the amino acid L-cysteine onto Ag(110). Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 4043-4047.	0.8	5
56	The RAS of two monolayers of Pd deposited on the Au(110)1 Ã— 2 surface. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 4003-4006.	0.8	6
57	Molecular adsorbate induced restructuring of a stepped Cu(110) surface. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 4017-4021.	0.8	2
58	A reflectance anisotropy spectroscopy study of underpotential deposition of copper onto Au(110). Physica Status Solidi (B): Basic Research, 2005, 242, 2595-2600.	0.7	3
59	Reflection anisotropy spectroscopy. Reports on Progress in Physics, 2005, 68, 1251-1341.	8.1	330
60	4GLSâ€"the UKÂs fourth generation light source at Daresbury: new prospects in biological surface science. Journal of Physics Condensed Matter, 2004, 16, S2405-S2412.	0.7	7
61	Contributions from surface-modified bulk electronic bands to the reflection anisotropy of Au(110)-(1) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	17
62	Comment on â€œMonitoring the Transitions of the Charge-Induced Reconstruction of Au(110) by Reflection Anisotropy Spectroscopyâ€• Physical Review Letters, 2004, 92, 199707.	2.9	23
63	Disorder induced core photoelectron linewidth broadening in AgPd alloys. Journal of Electron Spectroscopy and Related Phenomena, 2004, 136, 235-238.	0.8	19
64	Auger Energy Shifts in fcc AgPd Random Alloys from Complete Screening Picture and Experiment. Physical Review Letters, 2004, 92, 226406.	2.9	15
65	The adsorption of bipyridine molecules on Au(110) as measured by reflection anisotropy spectroscopy. Journal of Physics Condensed Matter, 2004, 16, S4385-S4392.	0.7	13
66	Relaxation energy and Auger parameter shifts in noble and transition metal alloys. Journal of Electron Spectroscopy and Related Phenomena, 2003, 133, 47-53.	0.8	11
67	Adsorption of Pyridine on Au(110) as Measured by Reflection Anisotropy Spectroscopy. Journal of the Electrochemical Society, 2003, 150, E233.	1.3	29
68	Daresbury reacts. Physics World, 2003, 16, 21-21.	0.0	0
69	Observation of a surface chemical shift in carbon1score-level photoemission from highly oriented pyrolytic graphite. Physical Review B, 2002, 66, .	1.1	30
70	The role of surface states in the Na/Cu(110)(1Ã—2) reconstruction. Journal of Physics Condensed Matter, 2002, 14, 675-680.	0.7	8
71	Relative core level shifts in XPS: a theoretical study. Journal of Electron Spectroscopy and Related Phenomena, 2002, 125, 147-152.	0.8	18
72	The Potential of Reflection Anisotropy Spectroscopy as a Probe of Molecular Assembly on Metal Surfaces. Physica Status Solidi A, 2001, 188, 1443-1453.	1.7	17

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73	Pd Deposition onto the Thermally Roughened Cu(110) Surface. Physica Status Solidi A, 2001, 188, 1505-1512.	1.7	9
74	A rapid reflectance anisotropy spectrometer. Measurement Science and Technology, 2001, 12, 2185-2191.	1.4	34
75	Reflection anisotropy and surface electronic structure of W(110). Journal of Physics Condensed Matter, 2001, 13, L607-L612.	0.7	12
76	Reflection anisotropy spectroscopy of clean and adsorbate-covered Ni(110) surfaces. Journal of Physics Condensed Matter, 2001, 13, 9847-9855.	0.7	4
77	Disorder broadening of core level photoemission spectra in CuxPt1â^'x alloys. Journal of Electron Spectroscopy and Related Phenomena, 2000, 107, 185-191.	0.8	18
78	Influence of the heterojunction on the field emission from tetrahedral amorphous carbon on Si. Applied Physics Letters, 2000, 77, 1908.	1.5	16
79	Reflection anisotropy spectroscopy of theNa/Cu(110)(1Ã—2)surface reconstruction. Physical Review B, 2000, 62, 15417-15419.	1.1	23
80	Reflection Anisotropy Spectroscopy: A New Probe for the Solid-Liquid Interface. Physical Review Letters, 2000, 85, 4618-4621.	2.9	74
81	The liquid-phase adsorption of n-octylamine onto the graphite basal surface studied by tapping-mode atomic force microscopy. Surface Science, 2000, 450, 171-180.	0.8	4
82	Fracture of a fatty acid multilayer film. Surface Science, 2000, 464, 23-33.	0.8	5
83	Tetrahedral amorphous carbonâ€“silicon heterojunction band energy offsets. Diamond and Related Materials, 2000, 9, 1148-1153.	1.8	17
84	Observation of disorder broadening of core photoelectron spectra of CuZn alloys. Journal of Physics Condensed Matter, 1999, 11, 8431-8436.	0.7	20
85	Comment on â€œCore Level Shifts in Metallic Alloysâ€• Physical Review Letters, 1999, 83, 3571-3571.	2.9	12
86	The adsorption of n-dodecane and n-pentane onto highly oriented pyrolytic graphite studied by atomic force microscopy. Surface Science, 1999, 424, 187-198.	0.8	10
87	The adsorption of an n-hexadecane/benzoic acid solution onto highly oriented pyrolytic graphite studied by atomic force microscopy. Surface Science, 1999, 431, 138-145.	0.8	1
88	The adsorption of methyl isobutyl ketone and methyl isobutyl carbinol onto graphite studied as a function of evaporation temperature. Surface Science, 1999, 441, 549-556.	0.8	2
89	Orientation of Molecular Adsorbates from Reflection Anisotropy Spectroscopy. Physica Status Solidi A, 1998, 170, 235-239.	1.7	5
90	Auger spectroscopy and the electronic structure of semiconductors. Journal of Electron Spectroscopy and Related Phenomena, 1998, 93, 165-174.	0.8	19

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91	The evaporation of n-hexadecane from highly oriented pyrolytic graphite studied by atomic force microscopy. Surface Science, 1998, 417, 390-405.	0.8	14
92	The adsorption of n-hexadecane onto highly oriented pyrolytic graphite studied by atomic force microscopy. Surface Science, 1998, 398, 308-317.	0.8	13
93	Electrostatics in disordered alloys. Journal of Physics Condensed Matter, 1998, 10, 5679-5695.	0.7	21
94	Reflectance anisotropy spectroscopy study of the surface reconstructions of decapped InP(001). Journal of Applied Physics, 1998, 83, 480-485.	1.1	11
95	Local electronic structure andM45VVAuger spectra of Pd in Cu-rich Cu-Pd alloys. Physical Review B, 1998, 57, 3844-3849.	1.1	12
96	Molecular orientation with visible light:â€ƒReflectance-anisotropy spectroscopy of 3-thiophene carboxylate on Cu(110) surfaces. Physical Review B, 1998, 58, 10883-10889.	1.1	44
97	Sensitivity of Reflectance Anisotropy Spectroscopy to the Orientation of Ge Dimers on Vicinal Si(001). Physical Review Letters, 1998, 80, 3133-3136.	2.9	43
98	Evidence of electron confinement in the single-domain (4Ã—1)-In superstructure on vicinal Si(111). Applied Physics Letters, 1998, 73, 2152-2154.	1.5	29
99	Au-induced superstructure formation on vicinal Si(001) studied by low-energy electron diffraction and reflectance anisotropy spectroscopy. Physical Review B, 1998, 58, 10532-10539.	1.1	9
100	Adsorbate Azimuthal Orientation from Reflectance Anisotropy Spectroscopy. Physical Review Letters, 1998, 80, 4490-4493.	2.9	86
101	Ordering at the surface of (110). Journal Physics D: Applied Physics, 1997, 30, 2783-2787.	1.3	4
102	Strong optical anisotropy of the single-domain5Ã—2-Au reconstruction on vicinal Si(111). Physical Review B, 1997, 56, 3587-3590.	1.1	24
103	Determination of charge transfer in theCuxPd1â^'xalloy system. Physical Review B, 1997, 56, 12178-12182.	1.1	46
104	Madelung Potentials and Disorder Broadening of Core Photoemission Spectra in Random Alloys. Physical Review Letters, 1997, 78, 3777-3780.	2.9	74
105	The influence of monolayer coverages of Sb on the optical anisotropy of vicinal Si(001). Surface Science, 1997, 372, 83-90.	0.8	23
106	Surface reconstructions and phase transitions on the GaAs(111)B surface. Surface Science, 1997, 380, 548-555.	0.8	10
107	Effect of adlayer dimer orientation on the optical anisotropy of single domain Si(001). Applied Physics Letters, 1996, 69, 176-178.	1.5	18
108	Temperature-dependent optical anisotropy of the vicinal Si(001):(2Ã—1) surface. Physical Review B, 1996, 54, 13444-13447.	1.1	24

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109	Temperature dependence of the phonon broadening of the Si 2pXPS line. Physical Review B, 1996, 54, 286-290.	1.1	16
110	Donor activation and electronic screening at an antimony Î´ layer in silicon. Physical Review B, 1996, 54, 7972-7978.	1.1	8
111	A Cooper minimum photoemission study of the alloy. Journal of Physics Condensed Matter, 1996, 8, 1413-1419.	0.7	4
112	Does the Friedel-Anderson model give a good account of the d levels of dilute transition metals in magnesium and aluminium alloys?. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 195-197.	0.8	1
113	Extra-atomic relaxation energy calculations using an extended potential model. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 255-259.	0.8	21
114	Potential parameters for analysis of chemical shifts for the elements Lithium to Argon. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 261-266.	0.8	22
115	The localisation of 3d hole states in Fe and FeAl studied by Auger vacancy satellite spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 205-209.	0.8	24
116	Core-valence (KLV, KVV, LVV) auger and high resolution valence band XPS spectra of aluminium: a comparison with the results of cluster MO calculations. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 157-161.	0.8	7
117	A photoemission study of the (2 Ã— 2) reconstructions of GaAs{111} surfaces. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 65-69.	0.8	7
118	Copper L3-M4,5M4,5 Auger and Auger satellite structures in polycrystalline Cu50Pd50 alloy. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 217-221.	0.8	2
119	The dependence of the atomic core potential on valence charge for Cu. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 333-336.	0.8	5
120	A comparison of observed and simulated scanning tunneling images of the reconstructed GaAs(001) surface. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1995, 35, 489-492.	1.7	1
121	Onset ofdscreening in alkali and alkaline earths. Physical Review B, 1995, 52, 2976-2982.	1.1	35
122	Comparison of the (2Ã—2) reconstructions of GaAs{111} surfaces. Physical Review B, 1995, 51, 14459-14469.	1.1	49
123	The Development of Auger Spectroscopy as a Probe of Local Electronic Structure. Microscopy Microanalysis Microstructures, 1995, 6, 263-288.	0.4	33
124	Local Lattice Distortion in Ordered and Disordered Cu 3 Pd Alloys. Europhysics Letters, 1994, 26, 259-264.	0.7	10
125	Charge-Transfer Satellites in K L ₂₃ XAS Data for K/Si(111)-(2 Ã— 1): Evidence for Strong Ionic Bonds. Europhysics Letters, 1994, 26, 85-90.	0.7	11
126	Off-site interactions in theCVVAuger spectrum of noble metals: A study of silver. Physical Review B, 1994, 49, 13329-13334.	1.1	18

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127	Comment on â€˜â€˜Influence of matrix element effects in determining the density of states from photoemission spectra: CuPd alloyâ€™â€™. Physical Review Letters, 1994, 72, 793-793.	2.9	14
128	Charge transfer and electronic screening at the As/Si(100)-(2Ã—1) and As/Si(111)-(1Ã—1) surfaces. Physical Review B, 1994, 49, 7528-7534.	1.1	18
129	Nucleation and evolution of the Au-induced 5Ã—2 structure on vicinal Si(111). Physical Review B, 1994, 49, 2527-2535.	1.1	62
130	Auger spectroscopy and the electronic structure of crystals. Journal of Electron Spectroscopy and Related Phenomena, 1994, 68, 127-138.	0.8	20
131	Photoionisation cross-sections as a probe of 4d hybridisation in dilute Ag Alloys. Journal of Electron Spectroscopy and Related Phenomena, 1994, 68, 139-143.	0.8	4
132	Separating ground state and screening contributions to chemical shifts. Journal of Physics Condensed Matter, 1994, 6, 5783-5790.	0.7	13
133	Analysis of Auger-parameter and XPS shifts: Application of potential models. Physical Review B, 1994, 49, 5657-5661.	1.1	47
134	Existence of Ga-vacancy and as-trimer induced (2 Ã— 2) phases on the GaAs(111)A surface. Surface Science, 1994, 316, 231-237.	0.8	34
135	Photoemission study of an AuPdAu(111) multilayer grown by MBE. Surface and Interface Analysis, 1993, 20, 919-922.	0.8	0
136	Atomic structure calculations for the analysis of Auger parameters of elements K to Kr. Journal of Physics Condensed Matter, 1993, 5, 3843-3850.	0.7	19
137	Control of terrace width and atomic step distribution on vicinal Si(111) surfaces by thermal processing. Semiconductor Science and Technology, 1993, 8, 495-501.	1.0	31
138	Strong evolution of thep-projected empty density of states in Pd-Al alloys: AnM4,5x-ray-absorption-spectroscopy investigation. Physical Review B, 1993, 47, 6937-6941.	1.1	5
139	Electron correlation in Si studied by high-resolutionKLVAuger spectroscopy. Physical Review B, 1993, 48, 14142-14149.	1.1	17
140	A theoretical study of the KLV Auger transitions of Mg in LiMg, Mg and AlMg alloys. Journal of Physics Condensed Matter, 1992, 4, 8729-8736.	0.7	5
141	Charge transfer across the As/Si(100)-2Ã—1 interface. Physical Review B, 1992, 46, 1513-1520.	1.1	47
142	Solid-state effects on Ag in dilute alloys revealed by Cooper-minimum photoemission. Physical Review B, 1992, 46, 3747-3753.	1.1	19
143	P-derived valence states at the reactive GaP(110)/Yb interface via PL2,3VVAuger line-shape spectroscopy. Physical Review B, 1992, 45, 6255-6258.	1.1	3
144	Synchrotron-radiation investigation of the chemical dependence of the vacancy-satellite structure of the NiL3VVspectra in Ni silicides. Physical Review B, 1992, 46, 15652-15659.	1.1	5

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145	Anion-specific surface valence-band states in heteropolar semiconductors: The case of GaP(110) and InP(110). Physical Review B, 1992, 46, 13607-13610.	1.1	1
146	Resolving the Surface Contribution kof the PL2, 3VV Auger Lineshape of GaP (110) via Use of (1 Ã— 1) Sb Overlayers. Physica Scripta, 1992, T41, 232-236.	1.2	1
147	Experimental and theoretical surface component of the PL2,3VV Auger lineshape in GaP(110): the use of ordered (1 Ã— 1) Sb overlayers. Applied Surface Science, 1992, 56-58, 50-55.	3.1	5
148	Surface local density of states of InP(110) via PL2.3VV Auger lineshape: the role of an ordered (1Ã—1) Sb overlayer. Applied Surface Science, 1992, 56-58, 60-65.	3.1	1
149	Interfaces under an optical probe. Physics World, 1991, 4, 39-45.	0.0	7
150	Unoccupied 3d-derived states in Ni silicides via Ni L2.3 X-ray absorption spectroscopy. Solid State Communications, 1991, 78, 641-645.	0.9	3
151	A first principles calculation of the KLV Auger profiles of simple metals. Journal of Physics Condensed Matter, 1991, 3, 641-653.	0.7	16
152	The virtual bound states of Fe in AuFe studied by photoemission. Journal of Physics Condensed Matter, 1991, 3, 989-995.	0.7	6
153	Off-Site Contributions to Electron Correlation; An Extension to the Hubbard Model Studied by Auger Spectroscopy. Europhysics Letters, 1991, 16, 743-749.	0.7	20
154	N6,7O4,5O4,5Auger spectrum of metallic Au. Physical Review B, 1991, 43, 9550-9557.	1.1	19
155	Yb interface growth on GaP(110): an electron spectroscopy investigation. Vacuum, 1990, 41, 1065-1067.	1.6	3
156	The orbital character of the core-hole screening charge in metallic Mg. Journal of Physics Condensed Matter, 1990, 2, 2421-2429.	0.7	6
157	Simplification of the N6.7O4.5O4.5Auger spectrum of Au. Journal of Physics Condensed Matter, 1990, 2, 195-200.	0.7	11
158	An investigation of the KL2,3to L2,3L2,3V Auger satellites of Mg and Al. Journal of Physics Condensed Matter, 1990, 2, 9949-9959.	0.7	4
159	Strong chemical reactivity at the early stages of Yb overgrowth on GaP(110): A synchrotron-radiation study. Physical Review B, 1990, 42, 3478-3484.	1.1	18
160	Charge transfer and core-hole screening in PbTe. Physical Review B, 1989, 39, 10239-10245.	1.1	43
161	Auger transition rates for systems with open subshells. Journal of Physics Condensed Matter, 1989, 1, 7723-7732.	0.7	7
162	Core-hole screening in metallic magnesium. Journal of Physics Condensed Matter, 1989, 1, SB263-SB264.	0.7	2

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163	How are changes in Auger parameter related to charge transfer in binary systems?. Journal of Physics Condensed Matter, 1989, 1, SB217-SB218.	0.7	10
164	The charge state of Tl impurities in PbTe. Journal of Physics C: Solid State Physics, 1988, 21, 2695-2700.	1.5	6
165	The use of Cooper minima effects and resonant photoemission in the study of the electronic structure of dilute alloys. Journal of Physics F: Metal Physics, 1987, 17, 657-665.	1.6	17
166	Local lattice expansion around Pd impurities in Cu and its influence on the Pd density of states: An extended x-ray-absorption fine-structure and Auger study. Physical Review B, 1987, 36, 9098-9106.	1.1	75
167	Experimental determination of the Pd and Cu densities of states inCu75Pd25. Physical Review B, 1987, 35, 519-523.	1.1	82
168	The density of states of Ag impurities in Cd determined by Auger and photoelectron spectroscopy. Journal of Physics F: Metal Physics, 1986, 16, 1015-1027.	1.6	15
169	The application of the Cini model to the L3M4,5M4,5Auger spectra of copper alloys. Journal of Physics C: Solid State Physics, 1986, 19, 435-443.	1.5	12
170	Valence electronic structure of AuZn and AuMg alloys derived from a new way of analyzing Auger-parameter shifts. Physical Review B, 1986, 33, 5406-5413.	1.1	185
171	Determination of the region of the local density of states of Mg that is probed by core-core-valence Auger transitions. Physical Review B, 1986, 34, 6843-6846.	1.1	15
172	The spectrum of Al KL2,3-L22,3V satellite Auger transitions. Journal of Physics C: Solid State Physics, 1985, 18, L239-L243.	1.5	12
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