Michel A Van Hove

List of Publications by Year
in descending order

193	9,076	43973	48187
papers	citations	48 h-index	88 g-index

195	195	195	5714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solvents Hinder the Interlocking Rotation between Molecular Gears, as Revealed by Torque Calculations. Journal of Physical Chemistry C, 2021, 125, 17612-17621.	1.5	5
2	Nonadiabatic localization of H2 in the field of two external positive tip charges. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, 053206.	0.9	0
3	Nanomechanics of a hydrogen molecule suspended between two equally charged tips. Physical Review B, 2020, 101, .	1.1	1
4	Controlling the Rotational Barrier of Single Porphyrin Rotors on Surfaces. Journal of Physical Chemistry B, 2020, 124, 953-960.	1.2	0
5	Substrate-mediated and temperature-modulated long-range interactions between bromine adatom stripes on Cu(1â€¯1â€¯1). Applied Surface Science, 2019, 463, 253-260.	3.1	2
6	Soft nanohand grabs a growing nanoparticle. Materials Chemistry Frontiers, 2019, 3, 1555-1564.	3.2	12
7	Unusual self-assembly of chloroaluminium phthalocyanine on graphite. Surface Science, 2019, 681, 104-110.	0.8	3
8	Interlocking Mechanism between Molecular Gears Attached to Surfaces. ACS Nano, 2018, 12, 3020-3029.	7.3	21
9	Higher-generation type III-B rotaxane dendrimers with controlling particle size in three-dimensional molecular switching. Nature Communications, 2018, 9, 497.	5.8	30
10	Interlocking Molecular Gear Chains Built on Surfaces. Journal of Physical Chemistry Letters, 2018, 9, 2611-2619.	2.1	17
11	How Does the Flexibility of Molecules Affect the Performance of Molecular Rotors?. Journal of Physical Chemistry C, 2018, 122, 25067-25074.	1.5	15
12	Intramolecular Torque Study of a Molecular Rotation Stimulated by Electron Injection and Extraction. Journal of Physical Chemistry A, 2018, 122, 7614-7619.	1.1	6
13	Fragment motion in motor molecules: basic concepts and application to intra-molecular rotations. Physical Chemistry Chemical Physics, 2018, 20, 21487-21497.	1.3	5
14	Donor/Acceptor Properties of Aromatic Molecules in Complex Metalâ€“Molecule Interfaces. Langmuir, 2017, 33, 451-458.	1.6	13
15	Exploring Molecules beyond CO as Tip Functionalizations in High-Resolution Noncontact Atomic Force Microscopy: A First Principles Approach. ACS Omega, 2016, 1, 1004-1009.	1.6	4
16	Intramolecular torque, an indicator of the internal rotation direction of rotor molecules and similar systems. Physical Chemistry Chemical Physics, 2016, 18, 29665-29672.	1.3	13
17	Observation and Analysis of Ordered and Disordered Structures on the ZnO(0001) Polar Surface. Journal of Physical Chemistry C, 2016, 120, 26915-26921.	1.5	9
18	Manipulating Magnetism at Organic/Ferromagnetic Interfaces by Molecule-Induced Surface Reconstruction. Journal of the American Chemical Society, 2016, 138, 4029-4035.	6.6	28

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19	Computational prediction of optimal metal ions to induce coordinated polymerization of muscle-like [c2]daisy chains. Physical Chemistry Chemical Physics, 2016, 18, 7419-7426.	1.3	6
20	Origin of the Contrast Interpreted as Intermolecular and Intramolecular Bonds in Atomic Force Microscopy Images. Journal of Physical Chemistry C, 2015, 119, 14195-14200.	1.5	27
21	Enhancement of spin polarization induced by Coulomb on-site repulsion between localized pz electrons in graphene embedded with line defects. Physical Chemistry Chemical Physics, 2015, 17, 30744-30750.	1.3	5
22	High-Resolution Model for Noncontact Atomic Force Microscopy with a Flexible Molecule on the Tip Apex. Journal of Physical Chemistry C, 2015, 119, 1483-1488.	1.5	34
23	Self-doping and magnetic ordering induced by extended line defects in graphene. Physical Review B, 2015, 91, .	1.1	15
24	Revealing highly unbalanced energy barriers in the extension and contraction of the muscle-like motion of a [c2]daisy chain. Physical Chemistry Chemical Physics, 2015, 17, 18318-18326.	1.3	17
25	Symmetry-dependent band gap opening in graphene induced by g-C₃N₄ substrates. RSC Advances, 2014, 4, 64577-64582.	1.7	7
26	Stabilizing reconstruction induced by O protrusions of the ZnO (0001) polar surface. RSC Advances, 2014, 4, 54249-54255.	1.7	2
27	Selective adsorption ofl-serine functional groups on the anatase TiO2(101) surface in benthic microbial fuel cells. Physical Chemistry Chemical Physics, 2014, 16, 20806-20817.	1.3	7
28	Strong slip-induced anomalous enhancement and red-shifts in wide-range optical absorption of graphite under uniaxial pressure. Nanoscale, 2014, 6, 8943-8948.	2.8	3
29	CO dissociation on magnetic Fe_n clusters. Physical Chemistry Chemical Physics, 2014, 16, 20703-20713.	1.3	16
30	Oxygen vacancy diffusion in bare ZnO nanowires. Nanoscale, 2014, 6, 11882-11886.	2.8	29
31	Novel genetic algorithm search procedure for LEED surface structure determination. Journal of Physics Condensed Matter, 2014, 26, 225005.	0.7	3
32	Stabilizing forces acting on ZnO polar surfaces: STM, LEED, and DFT. Physical Review B, 2014, 89, .	1.1	54
33	Cooperative Modulation of Electronic Structures of Aromatic Molecules Coupled to Multiple Metal Contacts. Physical Review Letters, 2013, 110, 046802.	2.9	31
34	Adsorbate-induced reconstruction by C<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>60</mml:mn></mml:msub></mml:math>on close-packed metal surfaces: Mechanism for different types of reconstruction. Physical Review B, 2012, 85, .	1.1	22
35	surface structure of C<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>60</mml:mn></mml:msub></mml:math>on Cu(111): Seven-atom-vacancy reconstruction. Physical Review B, 2012, 86, .	1.1	27
36	surface structure of C<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>60</mml:mn></mml:msub></mml:math>on Cu(111): Seven-atom-vacancy reconstruction [Phys. Rev. B86, 075419 (2012)]. Physical Review B, 2012, 86, .	1.1	1

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37	Inducing extended line defects in graphene by linear adsorption of C and N atoms. Applied Physics Letters, 2012, 101, .	1.5	7
38	Interactions between Organics and Metal Surfaces in the Intermediate Regime between Physisorption and Chemisorption. Journal of Physical Chemistry C, 2012, 116, 23603-23607.	1.5	19
39	Substrate mediated stabilization of methylphosphonic acid on ZnO non-polar surfaces'. Surface Science, 2012, 606, 289-292.	0.8	6
40	Atomic nitrogen chemisorption on graphene with extended line defects. Journal of Materials Chemistry, 2012, 22, 21167.	6.7	14
41	Survey of structural and electronic properties of C60 on close-packed metal surfaces. Journal of Materials Science, 2012, 47, 7341-7355.	1.7	41
42	Energetics and dynamics of a new type of extended line defects in graphene. Nanoscale, 2012, 4, 2580.	2.8	15
43	A random rotor molecule: Vibrational analysis and molecular dynamics simulations. Journal of Chemical Physics, 2012, 137, 234302.	1.2	3
44	C<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>60</mml:mn></mml:msub></mml:math>on the Pt(111) surface: Structural tuning of electronic properties. Physical Review B, 2011, 84, .	1.1	24
45	Ab Initio Atomistic Prediction of Charge Separation in Bent Silicon Nanostructures. Journal of Physical Chemistry C, 2011, 115, 4516-4522.	1.5	2
46	Single-Molecule Resolution of an Organometallic Intermediate in a Surface-Supported Ullmann Coupling Reaction. Journal of the American Chemical Society, 2011, 133, 13264-13267.	6.6	277
47	A Distinctive Feature of the Surface Structure of Quasicrystals: Intrinsic and Extrinsic Heterogeneity. Israel Journal of Chemistry, 2011, 51, 1326-1339.	1.0	9
48	Manipulating Localized Molecular Orbitals by Single-Atom Contacts. Physical Review Letters, 2010, 105, 126801.	2.9	26
49	Prospects for Resolving Chemical Structure by Atomic Force Microscopy: A First-Principles Study. Langmuir, 2010, 26, 16271-16277.	1.6	22
50	Optimal Electron Doping of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="bold">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>Monolayer on Cu(111) via Interface Reconstruction. Physical Review Letters, 2010, 104, 036103.	2.9	104
51	Structural Analysis and Electronic Properties of Negatively Charged TCNQ: 2D Networks of (TCNQ)2Mn Assembled on Cu(100). Journal of Physical Chemistry C, 2010, 114, 17197-17204.	1.5	28
52	Complex Molecules on a Flat Metal Surface: Large Distortions Induced by Chemisorption Can Make Physisorption Energetically More Favorable. Journal of Physical Chemistry Letters, 2010, 1, 2974-2979.	2.1	26
53	Electron Stimulation of Internal Torsion of a Surface-Mounted Molecular Rotor. ACS Nano, 2010, 4, 4929-4935.	7.3	19
54	Inspecting Metal-Coordination-Induced Perturbation of Molecular Ligand Orbitals at a Submolecular Resolution. Journal of Physical Chemistry Letters, 2010, 1, 2295-2298.	2.1	25

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55	Two-dimensional metal-organic coordination networks of Mn-7,7,8,8-tetracyanoquinodimethane assembled on Cu(100): Structural, electronic, and magnetic properties. Physical Review B, 2009, 80, .	1.1	41
56	Stacking of polycyclic aromatic hydrocarbons as prototype for graphene multilayers, studied using density functional theory augmented with a dispersion term. Journal of Chemical Physics, 2009, 131, 194702.	1.2	46
57	Significant negative differential resistance predicted in scanning tunneling spectroscopy for a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mtext>C</mml:mtext><mml:mrow><mml:mn>60</mml:mn></mml:mrow></mml:m on a metal surface. Physical Review B, 2009, 80, .	1.1	7
58	Atomic-scale structure: From surfaces to nanomaterials. Surface Science, 2009, 603, 1301-1305.	0.8	32
59	Theory of low-energy electron diffraction for nanomaterialsâ€"subclusters, automated searches. Journal of Physics Condensed Matter, 2008, 20, 304202.	0.7	5
60	Mechanical properties of solid C₆₀studied with density functional tight binding method augmented by an empirical dispersion term. Journal of Physics Condensed Matter, 2008, 20, 275240.	0.7	5
61	Global search in photoelectron diffraction structure determination using genetic algorithms. Journal of Physics Condensed Matter, 2007, 19, 446002.	0.7	27
62	The structure of the CoS2(100)-(1 Ã— 1) surface. Journal of Physics Condensed Matter, 2007, 19, 156223.	0.7	7
63	Theory of low-energy electron diffraction for detailed structural determination of nanomaterials: Finite-size and disordered structures. Physical Review B, 2007, 75, .	1.1	13
64	Theory of low-energy electron diffraction for detailed structural determination of nanomaterials: Ordered structures. Physical Review B, 2007, 75, .	1.1	12
65	The structure of the CoS2 (100)-(1 Ã— 1) surface. Journal of Physics Condensed Matter, 2007, 19, 249001.	0.7	1
66	From surface science to nanotechnology. Catalysis Today, 2006, 113, 133-140.	2.2	32
67	Observation and resonant x-ray optical interpretation of multi-atom resonant photoemission effects in O1semission from NiO. Physical Review B, 2006, 74, .	1.1	11
68	X-ray photoelectron diffraction study of ultrathin PbTiO3 films. European Physical Journal B, 2006, 49, 141-146.	0.6	12
69	X-ray photoelectron diffraction study of Cu(111): Multiple scattering investigation. Surface Science, 2006, 600, 380-385.	0.8	12
70	Using pattern search methods for surface structure determination of nanomaterials. Journal of Physics Condensed Matter, 2006, 18, 8693-8706.	0.7	41
71	Efficient Calculation of Electron Diffraction for the Structural Determination of Nanomaterials. Physical Review Letters, 2006, 97, 055505.	2.9	17
72	Non-free-electron momentum- and thickness-dependent evolution of quantum well states in theCuâˆ•Coâˆ•Cu(001)system. Physical Review B, 2006, 73, .	1.1	14

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73	Quantitative prediction of surface segregation in bimetallic Ptâ€“M alloy nanoparticles (M=Ni,Re,Mo). Progress in Surface Science, 2005, , .	3.8	17
74	Surface Structures of Cubo-Octahedral Ptâˆ’Mo Catalyst Nanoparticles from Monte Carlo Simulations. Journal of Physical Chemistry B, 2005, 109, 11683-11692.	1.2	35
75	Monte Carlo simulations of segregation in Pt-Ni catalyst nanoparticles. Journal of Chemical Physics, 2005, 122, 024706.	1.2	116
76	Atomic structure of the cleavedSi(111)âˆ’(2Ã—1)surface refined by dynamical LEED. Physical Review B, 2004, 70, .	1.1	20
77	Atomic-scale structure of the fivefold surface of an AlPdMn quasicrystal: A quantitative x-ray photoelectron diffraction analysis. Physical Review B, 2004, 69, .	1.1	43
78	Monte Carlo simulations of segregation in Pt-Re catalyst nanoparticles. Journal of Chemical Physics, 2004, 121, 5410-5422.	1.2	62
79	Surface sensitivity in electron spectroscopy: coherent versus incoherent scattering models. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 183-187.	0.8	12
80	Enhanced Vibrations at Surfaces with Back-Bonds Nearly Parallel to the Surfaceâ€. Journal of Physical Chemistry B, 2004, 108, 14265-14269.	1.2	13
81	Quantization condition of quantum-well states in Cu/Co(001). Physical Review B, 2003, 68, .	1.1	13
82	Î±-Ga(010) surface reconstruction:â€,â€A LEED structural analysis of the(1Ã—1)room temperature and(22Ã—2)R45Â°low-temperature structures. Physical Review B, 2003, 68, .	1.1	7
83	Circular Dichroism inK-Shell Ionization from Fixed-in-Space CO andN2Molecules. Physical Review Letters, 2002, 88, 073002.	2.9	126
84	Holographic analysis of diffraction structure factors. Physical Review B, 2002, 66, .	1.1	24
85	Differential Photoelectron Holography: A New Approach for Three-Dimensional Atomic Imaging. Physical Review Letters, 2002, 88, 055504.	2.9	60
86	MULTIPLE SCATTERING THEORY OF PHOTOELECTRON ANGULAR DISTRIBUTIONS FROM ORIENTED DIATOMIC MOLECULES. Surface Review and Letters, 2002, 09, 1213-1217.	0.5	5
87	Angular distributions of electrons photoemitted from core levels of oriented diatomic molecules: multiple scattering theory in non-spherical potentials. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, L359-L365.	0.6	14
88	Probing buried interfaces with soft x-ray standing wave spectroscopy: application to the Fe/Cr interface. Journal of Physics Condensed Matter, 2002, 14, L407-L420.	0.7	34
89	Structure of theÎ±âˆ’Al2O3(0001)surface from low-energy electron diffraction:â€ƒAl termination and evidence for anomalously large thermal vibrations. Physical Review B, 2002, 65, .	1.1	115
90	The NIST Surface Structure Database â€“ SSD version 4. Acta Crystallographica Section B: Structural Science, 2002, 58, 338-342.	1.8	22

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91	References for 4.1. Landolt-Bâˆšâˆ,rnstein - Group III Condensed Matter, 2002, , 151-164.	0.0	0
92	Tables for 4.1. Landolt-Bâˆšâˆ,rnstein - Group III Condensed Matter, 2002, , 54-140.	0.0	0
93	Resonant x-ray fluorescence holography:â€ƒThree-dimensional atomic imaging in true color. Physical Review B, 2001, 65, .	1.1	14
94	K-shell photoionization of CO and N2: is there a link between the photoelectron angular distribution and the molecular decay dynamics?. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 3669-3678.	0.6	111
95	Photoelectron and x-ray holography by contrast: enhancing image quality and dimensionality. Journal of Physics Condensed Matter, 2001, 13, 10517-10532.	0.7	26
96	Multiatom resonant photoemission. Physical Review B, 2001, 63, .	1.1	64
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98	One-step photoemission calculations for ideal GaAs(001) and AlAs(001) surfaces and(GaAs)m(AlAs)nsuperlattices. Physical Review B, 2001, 63, .	1.1	13
99	A new recursive approach to photoelectron diffraction simulation. AIP Conference Proceedings, 2000, , .	0.3	0
100	REFINEMENT OF THE Pt(111)+c(4Ã—2)-2CO STRUCTURE USING AUTOMATED TENSOR LEED. Surface Review and Letters, 2000, 07, 15-19.	0.5	20
101	Photoelectron diffraction at the surface of amorphous carbon nitride. Applied Physics Letters, 2000, 77, 3394-3396.	1.5	10
102	Multiatom Resonant Photoemission: Theory and Systematics. Physical Review Letters, 1999, 82, 4126-4129.	2.9	43
103	Holographic atomic images from surface and bulk W(110) photoelectron diffraction data. Physical Review B, 1999, 59, 5857-5870.	1.1	45
104	Surface roughness and LEED crystallography:â€ƒAnalysis of flat and vicinal W(110). Physical Review B, 1999, 60, 1975-1981.	1.1	27
105	GREATLY IMPROVED SURFACE STRUCTURE DATABASE â€" SSD VERSION 3. Surface Review and Letters, 1999, 06, 805-811.	0.5	3
106	Atomic-scale surface structure determination: comparison of techniques. Surface and Interface Analysis, 1999, 28, 36-43.	0.8	12
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109	Atomic-scale surface structure determination: comparison of techniques. , 1999, 28, 36.		1
110	Multi-Atom Resonant Photoemission: A Method for Determining Near-Neighbor Atomic Identities and Bonding. , 1998, 281, 679-683.		110
111	Photoelectron diffraction: A source for magnetic dichroism in angle-resolved photoemission from ferromagnets. Physical Review B, 1998, 57, 14310-14319.	1.1	38
112	Quantum coherence in surface-tip transfer of adatoms in AFM/STM. Physical Review B, 1998, 57, 4720-4729.	1.1	7
113	Circular dichroism in core-level emission from O/W(110): Experiment and theory. Physical Review B, 1998, 58, 9662-9665.	1.1	37
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115	Fivefold surface of quasicrystalline AlPdMn: Structure determination using low-energy-electron diffraction. Physical Review B, 1998, 57, 7628-7641.	1.1	131
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117	MgO(100) surface relaxation by symmetrized automated tensor low energy electron diffraction analysis. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 2261-2266.	0.9	21
118	The Adsorption Sites of CO and NO Molecules on Metal Surfaces. Israel Journal of Chemistry, 1998, 38, 349-352.	1.0	6
119	PHOTOELECTRON DIFFRACTION: SPACE, TIME, AND SPIN DEPENDENCE OF SURFACE STRUCTURES. Surface Review and Letters, 1997, 04, 421-440.	0.5	27
120	THE SURFACE STRUCTURE DATABASE: SSD. Surface Review and Letters, 1997, 04, 1071-1075.	0.5	6
121	Energetic and Spatial Bonding Properties from Angular Distributions of Ultraviolet Photoelectrons: Application to the GaAs(110) Surface. Physical Review Letters, 1997, 79, 4681-4684.	2.9	37
122	Interface Structures of Ordered Fe and Gd Overlayers on W(110) from Photoelectron Diffraction. Physical Review Letters, 1997, 79, 2085-2088.	2.9	42
123	Structure of Physisorbed Molecules on an Oxide Surface from Potential Calculations and Dynamical Low-Energy Electron Diffraction Analysis: Acetylene on MgO(100). Physical Review Letters, 1997, 78, 4237-4240.	2.9	30
124	Efficient method for the simulation of STM images. I. Generalized Green-function formalism. Physical Review B, 1997, 56, 15885-15899.	1.1	147
125	Efficient method for the simulation of STM images. II. Application to clean Rh(111) andRh(111)+c(4Ã—2)â^'2S. Physical Review B, 1997, 56, 15900-15918.	1.1	41
126	Interlayer interactions in epitaxial oxide growth: FeO on Pt(111). Physical Review B, 1997, 55, R13448-R13451.	1.1	107

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128	Structural Analysis of the Fivefold Symmetric Surface of the Al70Pd21Mn9Quasicrystal by Low Energy Electron Diffraction. Physical Review Letters, 1997, 78, 467-470.	2.9	154
129	Cu(111) Electron Band Structure and Channeling by VLEED. Physica Status Solidi A, 1997, 163, 455-464.	1.7	1
130	ThÃ©orie de la diffraction de photoÃ©lectrons appliquÃ©e au dichroÃ¯sme circulaire et Ã l'Ã©mission de photoÃ©lectrons polarisÃ©s en spin. European Physical Journal Special Topics, 1997, 07, C6-65-C6-74.	0.2	1
131	Molecular Modeling of Ethylidyne Adsorption and Diffusion on Pt(111). Langmuir, 1996, 12, 1251-1256.	1.6	29
132	Theory of CO adsorption on MgO(100): the influence of intermolecular interactions on the CO orientation. Surface Science, 1996, 346, 283-293.	0.8	52
133	Comment on â€œIn-Plane Lattice Reconstruction of Cu(100)â€. Physical Review Letters, 1996, 76, 3659-3659.	2.9	9
134	Spin-polarized photoelectrons excited by circularly polarized radiation from a nonmagnetic solid. Physical Review B, 1996, 53, R10544-R10547.	1.1	25
135	Magnetic dichroism in core-level x-ray photoemission with unpolarized excitation. Physical Review B, 1996, 54, 17962-17965.	1.1	20
136	COMPLEX SURFACE STRUCTURES FROM LEED. Surface Review and Letters, 1996, 03, 1271-1284.	0.5	0
137	BENZENE ADSORPTION ON Pt(111): A THEORETICAL STUDY. Surface Review and Letters, 1995, 02, 285-295.	0.5	16
138	Restructuring of metal surfaces and adsorbed monolayers during chemisorption and catalytic reaction. Acta Crystallographica Section B: Structural Science, 1995, 51, 502-512.	1.8	12
139	Completion of the structural determination of and rationalization of the surface-structure sequence (2Ã—1)â†'(3Ã—3)â†'(4Ã—4) formed on Cu(001) with increasing Li coverage. Physical Review B, 1995, 52, R11658-R11661.	1.1	45
140	Complex surface alloy formed by Li deposition on Cu(001) determined by dynamical low-energy electron diffraction. Physical Review B, 1995, 51, 1969-1972.	1.1	34
141	Honeycomb structure of adatoms surrounding substituted atoms: Cu(111)-(2Ã—2)-3Li. Physical Review B, 1995, 51, 7981-7984.	1.1	25
142	Circular dichroism in the angular distribution of core photoelectrons from Si(001): A photoelectron-diffraction analysis. Physical Review B, 1995, 52, 14927-14934.	1.1	38
143	Photoelectron-diffraction effects and circular dichroism in core-level photoemission. Physical Review B, 1994, 50, 6203-6208.	1.1	34
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145	Atomic imaging by x-ray-fluorescence holography and electron-emission holography: A comparative theoretical study. Physical Review B, 1994, 50, 11275-11278.	1.1	61
146	Carbon, nitrogen, and sulfur on Ni(111): formation of complex structures and consequences for molecular decomposition. Surface Science, 1993, 296, 25-35.	0.8	58
147	Surface structure determination of an oxide film grown on a foreign substrate:Fe3O4multilayer on Pt(111) identified by low energy electron diffraction. Physical Review Letters, 1993, 71, 1848-1851.	2.9	143
148	Structure determination of Pt3Ti(111) by automated tensor LEED. Journal of Physics Condensed Matter, 1993, 5, 4585-4594.	0.7	29
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150	High-energy photoelectron holography for an adsorbate test system:c(2Ã—2)S on Ni(001). Physical Review Letters, 1993, 70, 595-598.	2.9	50
151	Comment on â€˜â€˜Adsorbate structures from photoelectron diffraction: Holographic reconstruction or real-space triangulation?â€™â€™. Physical Review Letters, 1993, 71, 299-299.	2.9	2
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154	Lowâ€energy electron diffraction study of a disordered monolayer of H2O on Pt(111) and an ordered thin film of ice grown on Pt(111). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1992, 10, 2521-2528.	0.9	47
155	Electron emission holography of small clusters and surfaces. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1992, 10, 2261-2270.	0.9	15
156	Ordering of ethylidyne on clean and adsorbate covered Pd(111): Influence of the coadsorption of oxygen. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1992, 10, 2342-2346.	0.9	9
157	Prediction of the effect of the sample biasing in scanning tunneling microscopy and of surface defects on the observed character of the dimers in the Si(001)-(2Ã—1) surface. Physical Review B, 1991, 43, 2058-2062.	1.1	37
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165	Mix of Molecular Adsorption Sites Detected for Disordered CO on Pt(111) by Diffuse Low-Energy Electron Diffraction. Physical Review Letters, 1988, 61, 2352-2355.	2.9	108
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