

Hans-Peter Steinrück

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7826144/publications.pdf>

Version: 2024-02-01

422
papers

19,914
citations

10389

72
h-index

17592

121
g-index

445
all docs

445
docs citations

445
times ranked

17881
citing authors

#	ARTICLE	IF	CITATIONS
1	Benzohydroxamic acid on rutile TiO ₂ (110)-(1Å-1)â€“ a comparison of ultrahigh-vacuum evaporation with deposition from solution. Surface Science, 2022, 716, 121955.	1.9	4
2	Adsorption energies of porphyrins on MgO(100): An experimental benchmark for dispersion-corrected density-functional theory. Surface Science, 2022, 717, 121979.	1.9	7
3	Self-metalation of monophosphonic acid tetraphenylporphyrin on TiO ₂ (110)-(1Å-1). Surface Science, 2022, 717, 122005.	1.9	2
4	Temperature-dependent XPS studies on Ga-In alloys through the melting-point. Surface Science, 2022, 717, 122008.	1.9	4
5	The Effect of Ambient Conditions on the Potential Screening at Ionic Liquid â€“ Electrode Interfaces. Journal of Ionic Liquids, 2022, 2, 100019.	2.7	1
6	On the adsorption of different tetranaphthylporphyrins on Cu(111) and Ag(111). Surface Science, 2022, 720, 122047.	1.9	4
7	Nanoscale Ruthenium-Containing Deposits from Ru(CO) ₄ I ₂ via Simultaneous Focused Electron Beam-Induced Deposition and Etching in Ultrahigh Vacuum: Mask Repair in Extreme Ultraviolet Lithography and Beyond. ACS Applied Nano Materials, 2022, 5, 3855-3865.	5.0	2
8	Onâ€“Surface Metathesis of an Ionic Liquid on Ag(111). Chemistry - A European Journal, 2022, , .	3.3	1
9	Anchoring of phthalic acid on MgO(100). Surface Science, 2022, 720, 122007.	1.9	1
10	A high-resolution X-ray photoelectron spectroscopy study on the adsorption and reaction of ethylene on Rh(1 1 1). Chemical Physics Letters, 2022, 797, 139595.	2.6	1
11	Surface Chemistry of the Molecular Solar Thermal Energy Storage System 2,3â€“Dicyanoâ€“Norborene/Quadracyclane on Ni(111). ChemPhysChem, 2022, 23, .	2.1	7
12	Accurate Determination of Adsorption-Energy Differences of Metalloporphyrins on Rutile TiO ₂ (110) 1 Å-1. Langmuir, 2022, 38, 8643-8650.	3.5	1
13	Metalation of 2HTCNPP on Ag(111) with Zn: Evidence for the Sitting atop Complex at Room Temperature. ChemPhysChem, 2021, 22, 396-403.	2.1	6
14	Enrichment effects of ionic liquid mixtures at polarized electrode interfaces monitored by potential screening. Physical Chemistry Chemical Physics, 2021, 23, 10756-10762.	2.8	6
15	Demetalation of Surface Porphyrins at the Solidâ€“Liquid Interface. Langmuir, 2021, 37, 852-857.	3.5	6
16	Surface Reactions and Electronic Structure of Carboxylic Acid Porphyrins Adsorbed on TiO ₂ (110). Journal of Physical Chemistry C, 2021, 125, 6708-6715.	3.1	8
17	Self-Assembled 2D-Coordination Kagome, Quadratic, and Close-Packed Hexagonal Lattices Formed from a Cyano-Functionalized Benzoporphyrin on Cu(111). Journal of Physical Chemistry C, 2021, 125, 7204-7212.	3.1	5
18	Model Catalytic Studies of the LOHC System 2,2â€“Bipiperidine/2,2â€“Bipyridine on Ni(111). Journal of Physical Chemistry C, 2021, 125, 8216-8223.	3.1	3

#	ARTICLE	IF	CITATIONS
19	Wet-Chemically Prepared Porphyrin Layers on Rutile TiO ₂ (110). <i>Molecules</i> , 2021, 26, 2871.	3.8	4
20	Key Parameters for the Synthesis of Active and Selective Nanostructured 3d Metal Catalysts Starting from Coordination Compounds – Case Study: Nickel Mediated Reductive Amination. <i>ChemCatChem</i> , 2021, 13, 3257-3261.	3.7	7
21	Selective Oxygen and Hydrogen Functionalization of the h-BN/Rh(111) Nanomesh. <i>Chemistry - A European Journal</i> , 2021, 27, 13172-13180.	3.3	2
22	B/N-doped carbon sheets from a new ionic liquid with excellent sorption properties for methylene blue. <i>Journal of Ionic Liquids</i> , 2021, 1, 100004.	2.7	3
23	Time- and Temperature-Dependent Growth Behavior of Ionic Liquids on Au(111) Studied by Atomic Force Microscopy in Ultrahigh Vacuum. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20439-20449.	3.1	10
24	Adsorption, Wetting, Growth, and Thermal Stability of the Protic Ionic Liquid Diethylmethylammonium Trifluoromethanesulfonate on Ag(111) and Au(111). <i>Langmuir</i> , 2021, 37, 11552-11560.	3.5	5
25	Reactivity and Passivation of Fe Nanoclusters on h-BN/Rh(111). <i>Chemistry - A European Journal</i> , 2021, 27, 17087-17093.	3.3	3
26	n-Butane, iso-Butane and 1-Butene Adsorption on Imidazolium-Based Ionic Liquids Studied with Molecular Beam Techniques. <i>Chemistry - A European Journal</i> , 2021, 27, 17059-17065.	3.3	3
27	Morphology dependent interaction between Co(ⁱⁱ)-tetraphenylporphyrin and the MgO(100) surface. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2105-2116.	2.8	4
28	Surface oxidation-induced restructuring of liquid Pd-Ga SCALMS model catalysts. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 16324-16333.	2.8	3
29	Oxygen-rich tetrahedral surface phase on high-temperature rutile V_2O_5 single crystals. <i>Physical Review Materials</i> , 2021, 5, .	2.4	3
30	Temperature-Dependent Surface Enrichment Effects in Binary Mixtures of Fluorinated and Non-Fluorinated Ionic Liquids. <i>Chemistry - A European Journal</i> , 2020, 26, 1117-1126.	3.3	17
31	Conformation Controls Mobility: 2H-Tetranaphthylporphyrins on Cu(111). <i>ChemPhysChem</i> , 2020, 21, 423-427.	2.1	4
32	Oxidation induced restructuring of Rh-Ga SCALMS model catalyst systems. <i>Journal of Chemical Physics</i> , 2020, 153, 104702.	3.0	9
33	Growth of Multilayers of Ionic Liquids on Au(111) Investigated by Atomic Force Microscopy in Ultrahigh Vacuum. <i>Langmuir</i> , 2020, 36, 13670-13681.	3.5	17
34	Ultrathin ionic liquid films on metal surfaces: adsorption, growth, stability and exchange phenomena. <i>Advances in Physics: X</i> , 2020, 5, 1761266.	4.1	27
35	Reaction of Hydrogen and Oxygen on h-BN. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18141-18146.	3.1	7
36	Surface Tension and Viscosity of Binary Mixtures of the Fluorinated and Non-fluorinated Ionic Liquids [PFBMIm][PF6] and [C4C1Im][PF6] by the Pendant Drop Method and Surface Light Scattering. <i>International Journal of Thermophysics</i> , 2020, 41, 1.	2.1	17

#	ARTICLE	IF	CITATIONS
37	Probing the Roughness of Porphyrin Thin Films with X-ray Photoelectron Spectroscopy. <i>ChemPhysChem</i> , 2020, 21, 2293-2300.	2.1	4
38	Die dynamische Wechselwirkung von n-Butan mit Imidazolium-basierten ionischen Flüssigkeiten. <i>Angewandte Chemie</i> , 2020, 132, 14536-14541.	2.0	1
39	On the Dynamic Interaction of n-Butane with Imidazolium-Based Ionic Liquids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14429-14433.	13.8	5
40	Adsorption of phenylphosphonic acid on rutile TiO ₂ (110). <i>Surface Science</i> , 2020, 698, 121612.	1.9	7
41	Ethylene: Its adsorption, reaction, and coking on Pt/h-BN/Rh(111) nanocluster arrays. <i>Journal of Chemical Physics</i> , 2020, 152, 224710.	3.0	5
42	Formation of Highly Ordered Molecular Porous 2D Networks from Cyano-Functionalized Porphyrins on Cu(111). <i>Chemistry - A European Journal</i> , 2020, 26, 13408-13418.	3.3	12
43	Pronounced surface enrichment of fluorinated ionic liquids in binary mixtures with methoxy-functionalized ionic liquids. <i>Journal of Molecular Liquids</i> , 2020, 305, 112783.	4.9	10
44	Atomic Force and Scanning Tunneling Microscopy of Ordered Ionic Liquid Wetting Layers from 110 K up to Room Temperature. <i>ACS Nano</i> , 2020, 14, 9000-9010.	14.6	21
45	Cyano-Functionalized Porphyrins on Cu(111) from One-Dimensional Wires to Two-Dimensional Molecular Frameworks: On the Role of Co-Deposited Metal Atoms. <i>Chemistry of Materials</i> , 2020, 32, 2114-2122.	6.7	14
46	Pt-Ga Model SCALMS on Modified HOPG: Thermal Behavior and Stability in UHV and under Near-Ambient Conditions. <i>Journal of Physical Chemistry C</i> , 2020, 124, 2562-2573.	3.1	15
47	Model Catalytic Studies of Liquid Organic Hydrogen Carriers: Indole/Indoline/Octahydroindole on Ni(111). <i>Journal of Physical Chemistry C</i> , 2020, 124, 22559-22567.	3.1	11
48	On the adsorption of n-butane on alkyl imidazolium ionic liquids with different anions using a new molecular beam setup. <i>Journal of Chemical Physics</i> , 2020, 153, 214706.	3.0	2
49	Controlled Catalytic Energy Release of the Norbornadiene/Quadricyclane Molecular Solar Thermal Energy Storage System on Ni(111). <i>Journal of Physical Chemistry C</i> , 2019, 123, 7654-7664.	3.1	25
50	Advanced and In-Situ Electron Microscopy Investigation of Phase Composition and Phase Transformation in Ga-Rh Liquid Metal Catalysts. <i>Microscopy and Microanalysis</i> , 2019, 25, 1878-1879.	0.4	1
51	Interfacial Reactions of Tetraphenylporphyrin with Cobalt-Oxide Thin Films. <i>Chemistry - A European Journal</i> , 2019, 25, 13197-13201.	3.3	15
52	Adsorption geometry of carboxylic acid functionalized porphyrin molecules on TiO ₂ (110). <i>Surface Science</i> , 2019, 689, 121462.	1.9	14
53	Dehydrogenation of the liquid organic hydrogen carrier system 2-methylindole/2-methylindoline/2-methyloctahydroindole on Pt(111). <i>Journal of Chemical Physics</i> , 2019, 151, 144711.	3.0	19
54	Potential Screening at Electrode/Ionic Liquid Interfaces from In Situ X-ray Photoelectron Spectroscopy. <i>ChemistryOpen</i> , 2019, 8, 1365-1368.	1.9	6

#	ARTICLE	IF	CITATIONS
55	Pt Nanoclusters Sandwiched between Hexagonal Boron Nitride and Nanographene as van der Waals Heterostructures for Optoelectronics. ACS Applied Nano Materials, 2019, 2, 7019-7024.	5.0	9
56	Revisiting surface core-level shifts for ionic compounds. Physical Review B, 2019, 100, .	3.2	20
57	Highly Effective Propane Dehydrogenation Using Ga/Rh Supported Catalytically Active Liquid Metal Solutions. ACS Catalysis, 2019, 9, 9499-9507.	11.2	76
58	Gitteröffnung durch reduktive kovalente Volumenfunktionalisierung von schwarzem Phosphor. Angewandte Chemie, 2019, 131, 5820-5826.	2.0	12
59	Lattice Opening upon Bulk Reductive Covalent Functionalization of Black Phosphorus. Angewandte Chemie - International Edition, 2019, 58, 5763-5768.	13.8	60
60	Surface chemistry of 2,3-dibromosubstituted norbornadiene/quadricyclane as molecular solar thermal energy storage system on Ni(111). Journal of Chemical Physics, 2019, 150, 184706.	3.0	17
61	Adsorption of Phosphonic-Acid-Functionalized Porphyrin Molecules on TiO ₂ (110). Journal of Physical Chemistry C, 2019, 123, 10974-10980.	3.1	16
62	Oxygen Functionalization of Hexagonal Boron Nitride on Ni(111). Chemistry - A European Journal, 2019, 25, 8884-8893.	3.3	10
63	Few layer 2D pnictogens catalyze the alkylation of soft nucleophiles with esters. Nature Communications, 2019, 10, 509.	12.8	61
64	Stability and Exchange Processes in Ionic Liquid/Porphyrin Composite Films on Metal Surfaces. Journal of Physical Chemistry C, 2019, 123, 29708-29721.	3.1	7
65	General and selective deoxygenation by hydrogen using a reusable earth-abundant metal catalyst. Science Advances, 2019, 5, eaav3680.	10.3	37
66	Growth and stability of Pt nanoclusters from 1 to 50 atoms on h-BN/Rh(111). Physical Chemistry Chemical Physics, 2019, 21, 21287-21295.	2.8	10
67	Cation Exchange at the Interfaces of Ultrathin Films of Fluorous Ionic Liquids on Ag(111). Langmuir, 2019, 35, 398-405.	3.5	18
68	Surface behavior of low-temperature molten salt mixtures during the transition from liquid to solid. Journal of Molecular Liquids, 2019, 275, 290-296.	4.9	3
69	Reactions of a Polyhalide Ionic Liquid with Copper, Silver, and Gold. ChemistryOpen, 2019, 8, 15-22.	1.9	15
70	Probing the Surface Tension of Ionic Liquids Using the Langmuir Principle. Langmuir, 2018, 34, 4408-4416.	3.5	31
71	Surface Enrichment in Equimolar Mixtures of Nonfunctionalized and Functionalized Imidazolium-Based Ionic Liquids. ChemPhysChem, 2018, 19, 1733-1745.	2.1	20
72	Reactivity of CO and C ₂ H ₄ on Bimetallic Pt _x Ag _{1-x} /Pt(111) Surface Alloys Investigated by High-Resolution X-ray Photoelectron Spectroscopy. ChemPhysChem, 2018, 19, 1432-1440.	2.1	3

#	ARTICLE	IF	CITATIONS
73	Covalent Anchoring and Interfacial Reactions of Adsorbed Porphyrins on Rutile TiO ₂ (110). Journal of Physical Chemistry C, 2018, 122, 4480-4487.	3.1	27
74	Dehydrogenation of the Liquid Organic Hydrogen Carrier System Indole/Indoline/Octahydroindole on Pt(111). Journal of Physical Chemistry C, 2018, 122, 4470-4479.	3.1	33
75	Identifying the Thermal Decomposition Mechanism of Guaiacol on Pt(111): An Integrated X-ray Photoelectron Spectroscopy and Density Functional Theory Study. Journal of Physical Chemistry C, 2018, 122, 4261-4273.	3.1	5
76	Reactivity studies of ethylene, benzene and cyclohexane on carbide-modified Mo(110) using high resolution X-ray photoelectron spectroscopy. Surface Science, 2018, 678, 11-19.	1.9	4
77	Kontrolle der Selbstmetallierungsrate von Tetraphenylporphyrinen auf Cu(111) durch Funktionalisierung mit Cyangruppen. Angewandte Chemie, 2018, 130, 10230-10236.	2.0	8
78	Controlling the Self-Metalation Rate of Tetraphenylporphyrins on Cu(111) via Cyano Functionalization. Angewandte Chemie - International Edition, 2018, 57, 10074-10079.	13.8	24
79	Frontispiz: Kontrolle der Selbstmetallierungsrate von Tetraphenylporphyrinen auf Cu(111) durch Funktionalisierung mit Cyangruppen. Angewandte Chemie, 2018, 130, .	2.0	0
80	Frontispiece: Controlling the Self-Metalation Rate of Tetraphenylporphyrins on Cu(111) via Cyano Functionalization. Angewandte Chemie - International Edition, 2018, 57, .	13.8	0
81	A HR-XPS study of the formation of h-BN on Ni(111) from the two precursors, ammonia borane and borazine. Journal of Chemical Physics, 2018, 149, 164709.	3.0	23
82	Solving the Puzzle of the Coexistence of Different Adsorption Geometries of Graphene on Ni(111). Journal of Physical Chemistry C, 2018, 122, 26105-26110.	3.1	9
83	Metalation and coordination reactions of 2 <i>H</i> -meso-trans-di(<i>p</i> -cyanophenyl)porphyrin on Ag(111) with coadsorbed cobalt atoms. Physical Chemistry Chemical Physics, 2018, 20, 25062-25068.	2.8	6
84	Anion Exchange at the Liquid/Solid Interface of Ultrathin Ionic Liquid Films on Ag(111). ChemPhysChem, 2018, 19, 2978-2984.	2.1	23
85	Reactivity of CO on Sulfur-Passivated Graphene-Supported Platinum Nanocluster Arrays. Journal of Physical Chemistry C, 2018, 122, 16008-16015.	3.1	7
86	Reactivity of CO and C ₂ H ₄ on Bimetallic Pt _x Ag _{1-x} /Pt(111) Surface Alloys Investigated by High-Resolution X-ray Photoelectron Spectroscopy. ChemPhysChem, 2018, 19, 1423-1423.	2.1	0
87	Physical vapor deposition of Ga on polycrystalline Au surfaces studied using X-ray photoelectron spectroscopy. Surface Science, 2018, 677, 254-257.	1.9	8
88	Time-dependent changes in the growth of ultrathin ionic liquid films on Ag(111). Physical Chemistry Chemical Physics, 2018, 20, 12929-12938.	2.8	29
89	Sulfur oxidation on graphene-supported platinum nanocluster arrays. Chemical Physics Letters, 2018, 708, 165-169.	2.6	1
90	Bimetallic Pd-Pt alloy nanocluster arrays on graphene/Rh(111): formation, stability, and dynamics. Physical Chemistry Chemical Physics, 2018, 20, 21294-21301.	2.8	6

#	ARTICLE	IF	CITATIONS
91	Reactivity of CO on Sulfur-Passivated Graphene-Supported Palladium Nanocluster Arrays. <i>Journal of Physical Chemistry C</i> , 2017, 121, 1734-1741.	3.1	2
92	Growth of Stable Surface Oxides on Pt(111) at Near-Ambient Pressures. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2594-2598.	13.8	47
93	Surface Reaction of CO on Carbide-Modified Mo(110). <i>Journal of Physical Chemistry C</i> , 2017, 121, 3133-3142.	3.1	1
94	Adsorption Structure of Cobalt Tetraphenylporphyrin on Ag(100). <i>Journal of Physical Chemistry C</i> , 2017, 121, 5667-5674.	3.1	18
95	Surface-Induced Changes in the Thermochemical Transformation of an Ionic Liquid Cobalt Thiocyanate Complex. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1137-1141.	4.6	16
96	Perspective: Chemical reactions in ionic liquids monitored through the gas (vacuum)/liquid interface. <i>Journal of Chemical Physics</i> , 2017, 146, 170901.	3.0	18
97	Catalytically Triggered Energy Release from Strained Organic Molecules: The Surface Chemistry of Quadricyclane and Norbornadiene on Pt(111). <i>Chemistry - A European Journal</i> , 2017, 23, 1613-1622.	3.3	31
98	Decoupling of graphene from Ni(111) via formation of an interfacial NiO layer. <i>Carbon</i> , 2017, 121, 10-16.	10.3	34
99	Photochemical Energy Storage and Electrochemically Triggered Energy Release in the Norbornadiene-Quadricyclane System: UV-Photochemistry and IR Spectroelectrochemistry in a Combined Experiment. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2819-2825.	4.6	56
100	Interfacial interactions between CoTPP molecules and MgO(100) thin films. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 11549-11553.	2.8	8
101	Liquid Organic Hydrogen Carriers (LOHCs): Toward a Hydrogen-free Hydrogen Economy. <i>Accounts of Chemical Research</i> , 2017, 50, 74-85.	15.6	698
102	From Flat Surfaces to Nanoparticles: In Situ Studies of the Reactivity of Model Catalysts. <i>Catalysis Letters</i> , 2017, 147, 2-19.	2.6	19
103	Focused electron beam based direct-write fabrication of graphene and amorphous carbon from oxo-functionalized graphene on silicon dioxide. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2683-2686.	2.8	3
104	Adsorption Behavior of a Cyano-Functionalized Porphyrin on Cu(111) and Ag(111): From Molecular Wires to Ordered Supramolecular Two-Dimensional Aggregates. <i>Journal of Physical Chemistry C</i> , 2017, 121, 26361-26371.	3.1	29
105	Spectroscopic Observation and Molecular Dynamics Simulation of Ga Surface Segregation in Liquid Pd-Ga Alloys. <i>Chemistry - A European Journal</i> , 2017, 23, 17701-17706.	3.3	19
106	On the critical role of the substrate: the adsorption behaviour of tetrabenzoporphyrins on different metal surfaces. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 20281-20289.	2.8	13
107	Gallium-rich Pd-Ga phases as supported liquid metal catalysts. <i>Nature Chemistry</i> , 2017, 9, 862-867.	13.6	234
108	Removing photoemission features from Auger-yield NEXAFS spectra. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2017, 218, 35-39.	1.7	7

#	ARTICLE	IF	CITATIONS
109	â€œInvertedâ€porphyrins: a distorted adsorption geometry of free-base porphyrins on Cu(111). Chemical Communications, 2017, 53, 8207-8210.	4.1	38
110	Model Catalytic Studies of Novel Liquid Organic Hydrogen Carriers: Indole, Indoline and Octahydroindole on Pt(111). Chemistry - A European Journal, 2017, 23, 14806-14818.	3.3	24
111	A generic interface to reduce the efficiency-stability-cost gap of perovskite solar cells. Science, 2017, 358, 1192-1197.	12.6	554
112	Hydrogenation and hydrogen intercalation of hexagonal boron nitride on Ni(100): reactivity and electronic structure. 2D Materials, 2017, 4, 035026.	4.4	28
113	On the platinum-oxide formation under gas-phase and electrochemical conditions. Journal of Electron Spectroscopy and Related Phenomena, 2017, 221, 44-57.	1.7	12
114	Overcoming Interfacial Losses in Solution-Processed Organic Multi-junction Solar Cells. Advanced Energy Materials, 2017, 7, 1601959.	19.5	39
115	Reactivity of TiO ₂ Nanotube-Supported Platinum Particles in the CO Oxidation Reaction. ChemCatChem, 2017, 9, 564-572.	3.7	9
116	Zinc Porphyrin Metal-Center Exchange at the Solid-Liquid Interface. Chemistry - A European Journal, 2016, 22, 8520-8524.	3.3	22
117	CO oxidation on Pt(111) at near ambient pressures. Journal of Chemical Physics, 2016, 144, 044706.	3.0	33
118	Pyridine on flat Pt(111) and stepped Pt(355) An <i>in situ</i> HRXPS investigation of adsorption and thermal evolution. Journal of Chemical Physics, 2016, 144, 014702.	3.0	10
119	Dual analyzer system for surface analysis dedicated for angle-resolved photoelectron spectroscopy at liquid surfaces and interfaces. Review of Scientific Instruments, 2016, 87, 045105.	1.3	30
120	Reversible thermally induced phase transition in ordered domains of Co(II)-5,10,15,20-tetrakis-(3,5-di-tert-butylphenyl)-porphyrin on Cu(111). Surface Science, 2016, 650, 255-262.	1.9	1
121	Boosting the Activity in Supported Ionic Liquid-Phase-Catalyzed Hydroformylation via Surface Functionalization of the Carbon Support. ACS Catalysis, 2016, 6, 2280-2286.	11.2	30
122	Photoinduced degradation of methylammonium lead triiodide perovskite semiconductors. Journal of Materials Chemistry A, 2016, 4, 15896-15903.	10.3	119
123	Switching adsorption and growth behavior of ultrathin [C ₂ C ₁ Im][OTf] films on Au(111) by Pd deposition. Physical Chemistry Chemical Physics, 2016, 18, 25143-25150.	2.8	19
124	Hungry Porphyrins: Protonation and Self-Metalation of Tetraphenylporphyrin on TiO ₂ (110) 1.1 Å ⁻¹ . ChemistrySelect, 2016, 1, 6103-6105.	1.5	30
125	Energy Storage in Strained Organic Molecules: (Spectro)Electrochemical Characterization of Norbornadiene and Quadricyclane. ChemSusChem, 2016, 9, 1424-1432.	6.8	55
126	Porphyrin Metalation at MgO Surfaces: A Spectroscopic and Quantum Mechanical Study on Complementary Model Systems. Chemistry - A European Journal, 2016, 22, 1744-1749.	3.3	36

#	ARTICLE	IF	CITATIONS
145	A facile approach to synthesize an oxo-functionalized graphene/polymer composite for low-voltage operating memory devices. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8595-8604.	5.5	30
146	Self-assembly and coverage dependent thermally induced conformational changes of Ni(<i>meso</i> -tetrakis (4- <i>tert</i> -butylphenyl) benzoporphyrin on Cu(111). <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 13066-13073.	2.8	16
147	Ionic Liquids in Catalysis. <i>Catalysis Letters</i> , 2015, 145, 380-397.	2.6	313
148	The Interaction of Cobalt with CeO ₂ (111) Prepared on Cu(111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 9324-9333.	3.1	32
149	Reactivity of Graphene-Supported Pt Nanocluster Arrays. <i>ACS Catalysis</i> , 2015, 5, 2397-2403.	11.2	38
150	Taking a Nanoscale "Look" at Chemical Reactions on Surfaces. <i>Accounts of Chemical Research</i> , 2015, 48, 2661-2661.	15.6	0
151	Temperature-Dependent Reactions of Phthalic Acid on Ag(100). <i>Journal of Physical Chemistry C</i> , 2015, 119, 23580-23585.	3.1	11
152	Probing the interaction of Rh, Co and bimetallic Rh-Co nanoparticles with the CeO ₂ support: catalytic materials for alternative energy generation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 27154-27166.	2.8	52
153	Role of Specific Intermolecular Interactions for the Arrangement of Ni(II)-5, 10, 15, 20-Tetraphenyltetrabenzoporphyrin on Cu(111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 19897-19905.	3.1	16
154	Surface Reactions of Dicyclohexylmethane on Pt(111). <i>Journal of Physical Chemistry C</i> , 2015, 119, 20299-20311.	3.1	27
155	Electron-beam induced deposition and autocatalytic decomposition of Co(CO) ₃ NO. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 1175-1185.	2.8	23
156	Alkyl chain length-dependent surface reaction of dodecahydro- <i>N</i> -alkylcarbazoles on Pt model catalysts. <i>Journal of Chemical Physics</i> , 2014, 140, 204711.	3.0	20
157	Insights in Reaction Mechanistic: Isotopic Exchange during the Metalation of Deuterated Tetraphenyl-21,23- <i>D</i> -porphyrin on Cu(111). <i>Journal of Physical Chemistry C</i> , 2014, 118, 26729-26736.	3.1	47
158	Coverage- and Temperature-Dependent Metalation and Dehydrogenation of Tetraphenylporphyrin on Cu(111). <i>Chemistry - A European Journal</i> , 2014, 20, 8948-8953.	3.3	19
159	Model Catalytic Studies of Liquid Organic Hydrogen Carriers: Dehydrogenation and Decomposition Mechanisms of Dodecahydro- <i>N</i> -ethylcarbazole on Pt(111). <i>ACS Catalysis</i> , 2014, 4, 657-665.	11.2	106
160	Liquid Organic Hydrogen Carriers: Surface Science Studies of Carbazole Derivatives. <i>Chemical Record</i> , 2014, 14, 879-896.	5.8	36
161	Carbon Dioxide Capture by an Amine Functionalized Ionic Liquid: Fundamental Differences of Surface and Bulk Behavior. <i>Journal of the American Chemical Society</i> , 2014, 136, 436-441.	13.7	109
162	Graphene-Supported Pd Nanoclusters Probed by Carbon Monoxide Adsorption. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25097-25103.	3.1	15

#	ARTICLE	IF	CITATIONS
163	Studying the dynamic behaviour of porphyrins as prototype functional molecules by scanning tunnelling microscopy close to room temperature. <i>Chemical Communications</i> , 2014, 50, 9034-9048.	4.1	54
164	Massive conformational changes during thermally induced self-metalation of 2H-tetrakis-(3,5-di-tert-butyl)-phenylporphyrin on Cu(111). <i>Chemical Communications</i> , 2014, 50, 10225-10228.	4.1	27
165	Graphene-Templated Growth of Pd Nanoclusters. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15934-15939.	3.1	27
166	Abrupt Coverage-Induced Enhancement of the Self-Metalation of Tetraphenylporphyrin with Cu(111). <i>Journal of Physical Chemistry C</i> , 2014, 118, 1661-1667.	3.1	51
167	Coordination Reactions and Layer Exchange Processes at a Buried Metal/Organic Interface. <i>Journal of Physical Chemistry C</i> , 2014, 118, 8501-8507.	3.1	19
168	On the Energetics of Conformational Switching of Molecules at and Close to Room Temperature. <i>Journal of the American Chemical Society</i> , 2014, 136, 1609-1616.	13.7	40
169	Size and Structure Effects Controlling the Stability of the Liquid Organic Hydrogen Carrier Dodecahydro-1,4-diazepine during Dehydrogenation over Pt Model Catalysts. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1498-1504.	4.6	69
170	Driving forces for the self-assembly of graphene oxide on organic monolayers. <i>Nanoscale</i> , 2014, 6, 11344-11350.	5.6	14
171	Electrospray Ionization Deposition of Ultrathin Ionic Liquid Films: [C ₈ C ₁ Im]Cl and [C ₈ C ₁ Im][Tf ₂ N] on Au(111). <i>Langmuir</i> , 2014, 30, 1063-1071.	3.5	24
172	Calcium Thin Film Growth on Polyfluorenes: Interface Structure and Energetics. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2953-2962.	3.1	6
173	Combined Photoemission and Scanning Tunneling Microscopy Study of the Surface-Assisted Ullmann Coupling Reaction. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6820-6830.	3.1	84
174	A new asymmetric Pseudo-Voigt function for more efficient fitting of XPS lines. <i>Surface and Interface Analysis</i> , 2014, 46, 505-511.	1.8	95
175	Redox chemistry, solubility, and surface distribution of Pt(II) and Pt(IV) complexes dissolved in ionic liquids. <i>Journal of Molecular Liquids</i> , 2014, 192, 103-113.	4.9	22
176	Effects of Support and Rh Additive on Co-Based Catalysts in the Ethanol Steam Reforming Reaction. <i>ACS Catalysis</i> , 2014, 4, 1205-1218.	11.2	130
177	Influence of Substituents and Functional Groups on the Surface Composition of Ionic Liquids. <i>Chemistry - A European Journal</i> , 2014, 20, 3954-3965.	3.3	37
178	Electron Beam-Induced Writing of Nanoscale Iron Wires on a Functional Metal Oxide. <i>Journal of Physical Chemistry C</i> , 2013, 117, 17674-17679.	3.1	23
179	Near ambient pressure XPS investigation of the interaction of ethanol with Co/CeO ₂ (111). <i>Journal of Catalysis</i> , 2013, 307, 132-139.	6.2	105
180	Adsorption and reaction of acetylene on clean and oxygen-precovered Pd(100) studied with high-resolution X-ray photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2013, 139, 164706.	3.0	7

#	ARTICLE	IF	CITATIONS
181	Gold intercalation of boron-doped graphene on Ni(111): XPS and DFT study. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 445002.	1.8	12
182	In situ high-resolution X-ray photoelectron spectroscopy – Fundamental insights in surface reactions. <i>Surface Science Reports</i> , 2013, 68, 446-487.	7.2	90
183	Calcium Thin Film Growth on a Cyano-Substituted Poly(<i>p</i> -phenylene vinylene): Interface Structure and Energetics. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23781-23789.	3.1	17
184	At the ionic liquid metal interface: structure formation and temperature dependent behavior of an ionic liquid adlayer on Au(111). <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 17295.	2.8	82
185	Integrated X-ray photoelectron spectroscopy and DFT characterization of benzene adsorption on Pt(111), Pt(355) and Pt(322) surfaces. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20662.	2.8	25
186	Towards the engineering of molecular nanostructures: local anchoring and functionalization of porphyrins on model-templates. <i>Nanotechnology</i> , 2013, 24, 115305.	2.6	19
187	Interactions of Imidazolium-Based Ionic Liquids with Oxide Surfaces Controlled by Alkyl Chain Functionalization. <i>ChemPhysChem</i> , 2013, 14, 3673-3677.	2.1	22
188	Interfacial Behavior of Thin Ionic Liquid Films on Mica. <i>Journal of Physical Chemistry C</i> , 2013, 117, 5101-5111.	3.1	60
189	Growth and electronic structure of boron-doped graphene. <i>Physical Review B</i> , 2013, 87, .	3.2	113
190	Wet Chemical Synthesis of Graphene. <i>Advanced Materials</i> , 2013, 25, 3583-3587.	21.0	453
191	Chemical and (Photo)-Catalytical Transformations in Photonic Crystal Fibers. <i>ChemCatChem</i> , 2013, 5, 641-650.	3.7	30
192	Coverage Dependent Disorder-Order Transition of 2H-Tetraphenylporphyrin on Cu(111). <i>Langmuir</i> , 2013, 29, 4104-4110.	3.5	33
193	Functionalization of Oxide Surfaces through Reaction with 1,3-Dialkylimidazolium Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 30-35.	4.6	36
194	Interface Properties and Physicochemical Characterization of the Low-Temperature Molten Salt Li/K/Cs Acetate. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22939-22946.	3.1	7
195	Electron Beam Induced Surface Activation of Ultrathin Porphyrin Layers on Ag(111). <i>Langmuir</i> , 2013, 29, 12290-12297.	3.5	15
196	Growth and oxidation of graphene on Rh(111). <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19625.	2.8	57
197	Probing a Gas/Liquid Acid-Base Reaction by X-ray Photoelectron Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8904-8907.	13.8	15
198	Ultrafast x-ray photoelectron spectroscopy in the microsecond time domain. <i>Review of Scientific Instruments</i> , 2013, 84, 093103.	1.3	10

#	ARTICLE	IF	CITATIONS
199	Dehydrogenation of Dodecahydro-1 <i>H</i> -ethylcarbazole on Pt(111). <i>ChemSusChem</i> , 2013, 6, 974-977.	6.8	73
200	Dehydrogenation Mechanism of Liquid Organic Hydrogen Carriers: Dodecahydro-1 <i>H</i> -ethylcarbazole on Pd(111). <i>Chemistry - A European Journal</i> , 2013, 19, 10854-10865.	3.3	79
201	Temperature-Dependent Surface-Enrichment Effects of Imidazolium-Based Ionic Liquids. <i>ChemPhysChem</i> , 2013, 14, 3726-3730.	2.1	15
202	Thin membranes versus bulk substrates: investigation of proximity effects in focused electron beam-induced processing. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 225306.	2.8	11
203	Investigation of proximity effects in electron microscopy and lithography. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	21
204	Kinetics of the sulfur oxidation on palladium: A combined in situ x-ray photoelectron spectroscopy and density-functional study. <i>Journal of Chemical Physics</i> , 2012, 136, 094702.	3.0	19
205	Coordination and Metalation Bifunctionality of Cu with 5,10,15,20-Tetra(4-pyridyl)porphyrin: Toward a Mixed-Valence Two-Dimensional Coordination Network. <i>Journal of the American Chemical Society</i> , 2012, 134, 6401-6408.	13.7	199
206	Defects in Oxygen-Depleted Titanate Nanostructures. <i>Langmuir</i> , 2012, 28, 7851-7858.	3.5	16
207	Growth and electronic structure of nitrogen-doped graphene on Ni(111). <i>Physical Review B</i> , 2012, 86, .	3.2	77
208	Recent developments in the study of ionic liquid interfaces using X-ray photoelectron spectroscopy and potential future directions. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5010.	2.8	120
209	Interfaces of ionic liquids and transition metal surfaces—adsorption, growth, and thermal reactions of ultrathin [C1C1Im][Tf2N] films on metallic and oxidised Ni(111) surfaces. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5153.	2.8	87
210	Low melting Li/K/Cs acetate salt mixtures as new ionic media for catalytic applications – first physico-chemical characterization. <i>Dalton Transactions</i> , 2012, 41, 14433.	3.3	10
211	Temperature-Dependent Chemical and Structural Transformations from 2 <i>H</i> -tetraphenylporphyrin to Copper(II)-Tetraphenylporphyrin on Cu(111). <i>Journal of Physical Chemistry C</i> , 2012, 116, 12275-12282.	3.1	68
212	The electronic structure of cobalt(II) phthalocyanine adsorbed on Ag(111). <i>Surface Science</i> , 2012, 606, 945-949.	1.9	70
213	Activation Energy for the Self-Metalation Reaction of 2 <i>H</i> -Tetraphenylporphyrin on Cu(111). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10898-10901.	13.8	68
214	Production of Nitrogen-Doped Graphene by Low-Energy Nitrogen Implantation. <i>Journal of Physical Chemistry C</i> , 2012, 116, 5062-5066.	3.1	96
215	Monitoring of Liquid-Phase Organic Reactions by Photoelectron Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2610-2613.	13.8	26
216	Cyclic Thiuronium Ionic Liquids: Physicochemical Properties and their Electronic Structure Probed by X-Ray Induced Photoelectron Spectroscopy. <i>Chemistry - A European Journal</i> , 2012, 18, 8288-8291.	3.3	15

#	ARTICLE	IF	CITATIONS
217	Organic Reactions in Ionic Liquids Studied by in Situ XPS. <i>ChemPhysChem</i> , 2012, 13, 1725-1735.	2.1	50
218	Evidence for an active oxygen species on Au/TiO ₂ (110) model catalysts during investigation with in situ X-ray photoelectron spectroscopy. <i>Catalysis Today</i> , 2012, 181, 20-25.	4.4	41
219	Interfacial Interactions of Iron(II) Tetrapyrrole Complexes on Au(111). <i>Journal of Physical Chemistry C</i> , 2011, 115, 17028-17035.	3.1	42
220	Adsorption and Reaction of Terephthaloyl Chloride on Ag(111): X-ray Photoelectron Spectroscopy and Density Functional Theory Investigations. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14869-14875.	3.1	4
221	Surface Polymerization of Poly(<i>p</i> -phenylene-terephthalamide) on Ag(111) Investigated by X-ray Photoelectron Spectroscopy and Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2011, 115, 18186-18194.	3.1	19
222	Diffusion, Rotation, and Surface Chemical Bond of Individual 2 <i>H</i> -Tetraphenylporphyrin Molecules on Cu(111). <i>Journal of Physical Chemistry C</i> , 2011, 115, 24172-24177.	3.1	74
223	Generation of clean iron nanocrystals on an ultra-thin SiO _x film on Si(001). <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17333.	2.8	22
224	Liquid/Solid Interface of Ultrathin Ionic Liquid Films: [C ₈ Im][Tf ₂ N] and [C ₈ Im][Tf ₂ N] on Au(111). <i>Langmuir</i> , 2011, 27, 3662-3671.	3.5	186
225	The Surface Trans Effect: Influence of Axial Ligands on the Surface Chemical Bonds of Adsorbed Metalloporphyrins. <i>Journal of the American Chemical Society</i> , 2011, 133, 6206-6222.	13.7	206
226	Graphene on Ni(111): Coexistence of Different Surface Structures. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 759-764.	4.6	158
227	Methylated [(arene)(1,3-cyclohexadiene)Ru(0)] complexes as low-melting MOCVD precursor complexes with a controlled follow-up chemistry of the ligands. <i>Journal of Materials Chemistry</i> , 2011, 21, 3014.	6.7	10
228	Adsorption and reaction of SO ₂ on clean and oxygen precovered Pd(100) – a combined HR-XPS and DF study. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 16227.	2.8	18
229	Highly dispersed Pd nanoparticles within silica: Synthesis and characterization. <i>Applied Clay Science</i> , 2011, 51, 8-14.	5.2	14
230	Oxidation of stepped Pt(111) studied by x-ray photoelectron spectroscopy and density functional theory. <i>Physical Review B</i> , 2011, 83, .	3.2	35
231	Covalent bulk functionalization of graphene. <i>Nature Chemistry</i> , 2011, 3, 279-286.	13.6	596
232	Surface Science and Model Catalysis with Ionic Liquid-Modified Materials. <i>Advanced Materials</i> , 2011, 23, 2571-2587.	21.0	181
233	Methylated [(benzene)(1,3-butadiene)Ru ⁰] Derivatives as Novel MOCVD Precursors with Favorable Properties. <i>Chemical Vapor Deposition</i> , 2011, 17, 15-21.	1.3	8
234	Substrate-Mediated Phase Separation of Two Porphyrin Derivatives on Cu(111). <i>Chemistry - A European Journal</i> , 2011, 17, 10226-10229.	3.3	50

#	ARTICLE	IF	CITATIONS
235	Dehydrogenation of Dodecahydro-1 <i>H</i> -ethylcarbazole on Pd/Al ₂ O ₃ Model Catalysts. Chemistry - A European Journal, 2011, 17, 11542-11552.	3.3	89
236	Fabrication of layered nanostructures by successive electron beam induced deposition with two precursors: protective capping of metallic iron structures. Nanotechnology, 2011, 22, 475304.	2.6	8
237	Electron-beam-induced deposition and post-treatment processes to locally generate clean titanium oxide nanostructures on Si(100). Nanotechnology, 2011, 22, 085301.	2.6	17
238	Determination of layer-resolved composition, magnetization, and electronic structure of an Fe/MgO tunnel junction by standing-wave core and valence photoemission. Physical Review B, 2011, 84, .	3.2	31
239	Hard x-ray photoemission using standing-wave excitation applied to the MgO/Fe interface. Physical Review B, 2011, 83, .	3.2	19
240	Magnetotransport properties of iron microwires fabricated by focused electron beam induced autocatalytic growth. Journal Physics D: Applied Physics, 2011, 44, 425001.	2.8	22
241	CO ₂ activation on single crystal based ceria and magnesia/ceria model catalysts. European Physical Journal B, 2010, 75, 89-100.	1.5	40
242	Microscopic Insights into Methane Activation and Related Processes on Pt/Ceria Model Catalysts. ChemPhysChem, 2010, 11, 1496-1504.	2.1	58
243	[<i>cis</i> -1,3-Diene] ₂ W(CO) ₂ Complexes as MOCVD Precursors for the Deposition of Thin Tungsten Tungsten Carbide Films. Chemical Vapor Deposition, 2010, 16, 239-247.	1.3	4
244	Methane Activation by Platinum: Critical Role of Edge and Corner Sites of Metal Nanoparticles. Chemistry - A European Journal, 2010, 16, 6530-6539.	3.3	126
245	Ligand Effects on the Surface Composition of Rh-Containing Ionic Liquid Solutions Used in Hydroformylation Catalysis. Chemistry - A European Journal, 2010, 16, 12083-12087.	3.3	34
246	Towards a Molecular Understanding of Cation-Anion Interactions: Probing the Electronic Structure of Imidazolium Ionic Liquids by NMR Spectroscopy, X-ray Photoelectron Spectroscopy and Theoretical Calculations. Chemistry - A European Journal, 2010, 16, 9018-9033.	3.3	264
247	Electrons as "Invisible Ink": Fabrication of Nanostructures by Local Electron Beam Induced Activation of SiO _x . Angewandte Chemie - International Edition, 2010, 49, 4669-4673.	13.8	71
248	Surface science goes liquid !. Surface Science, 2010, 604, 481-484.	1.9	66
249	SO ₂ adsorption and thermal evolution on clean and oxygen precovered Pt(111). Chemical Physics Letters, 2010, 494, 188-192.	2.6	26
250	Ethene adsorption and dehydrogenation on clean and oxygen precovered Ni(111) studied by high resolution x-ray photoelectron spectroscopy. Journal of Chemical Physics, 2010, 133, 014706.	3.0	25
251	Standing-wave excited soft x-ray photoemission microscopy: Application to Co microdot magnetic arrays. Applied Physics Letters, 2010, 97, .	3.3	24
252	Photoelectron Spectroscopy of Ionic Liquid-Based Interfaces. Chemical Reviews, 2010, 110, 5158-5190.	47.7	261

#	ARTICLE	IF	CITATIONS
253	Density and Surface Tension of Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2010, 114, 17025-17036.	2.6	218
254	Toward Ionic-Liquid-Based Model Catalysis: Growth, Orientation, Conformation, and Interaction Mechanism of the $[Tf_2N]^+$ Anion in $[BMIM][Tf_2N]$ Thin Films on a Well-Ordered Alumina Surface. <i>Langmuir</i> , 2010, 26, 7199-7207.	3.5	116
255	Influence of Steps on the Adsorption and Thermal Evolution of SO_2 on Clean and Oxygen Precovered Pt Surfaces. <i>Journal of Physical Chemistry C</i> , 2010, 114, 19734-19743.	3.1	10
256	Interface Formation between Calcium and Electron-Irradiated Poly(3-hexylthiophene). <i>Langmuir</i> , 2010, 26, 9632-9639.	3.5	29
257	Toward Well-Defined Metal-Polymer Interfaces: Temperature-Controlled Suppression of Subsurface Diffusion and Reaction at the Calcium/Poly(3-Hexylthiophene) Interface. <i>Journal of the American Chemical Society</i> , 2010, 132, 12163-12165.	13.7	31
258	Interfacial coordination interactions studied on cobalt octaethylporphyrin and cobalt tetraphenylporphyrin monolayers on Au(111). <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4336.	2.8	59
259	Ionic liquid based model catalysis: interaction of $[BMIM][Tf_2N]$ with Pd nanoparticles supported on an ordered alumina film. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10610.	2.8	77
260	Ordering aspects and intramolecular conformation of tetraphenylporphyrins on Ag(111). <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13082.	2.8	102
261	Insights into the surface composition and enrichment effects of ionic liquids and ionic liquid mixtures. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 1905.	2.8	143
262	Interaction between silver nanowires and CO on a stepped platinum surface. <i>Journal of Chemical Physics</i> , 2009, 131, 064702.	3.0	10
263	NO-Induced Reorganization of Porphyrin Arrays. <i>ACS Nano</i> , 2009, 3, 1789-1794.	14.6	43
264	Site blocking and CO/sulfur site exchange processes on stepped Pt surfaces. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 134018.	1.8	14
265	Adsorption of cobalt (II) octaethylporphyrin and 2H-octaethylporphyrin on Ag(111): new insight into the surface coordinative bond. <i>New Journal of Physics</i> , 2009, 11, 125004.	2.9	73
266	Modification of the Growth of Iron on Ag(111) by Predeposited Organic Monolayers. <i>Zeitschrift Fur Physikalische Chemie</i> , 2009, 223, 131-144.	2.8	21
267	Verankerung dünner Schichten Ionischer Flüssigkeit in den hohlen Kanälen photonischer Kristallfasern für die Anwendung in Katalyse und Sensorik. <i>Chemie-Ingenieur-Technik</i> , 2009, 81, 1044-1044.	0.8	0
268	Sulfur Oxidation on Pt(355): It Is the Steps!. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9743-9746.	13.8	29
269	Generation of Clean Iron Structures by Electron-Beam-Induced Deposition and Selective Catalytic Decomposition of Iron Pentacarbonyl on Rh(110). <i>Langmuir</i> , 2009, 25, 11930-11939.	3.5	37
270	Influence of Different Anions on the Surface Composition of Ionic Liquids Studied Using ARXPS. <i>Journal of Physical Chemistry B</i> , 2009, 113, 8682-8688.	2.6	176

#	ARTICLE	IF	CITATIONS
271	Chemical Fingerprints of Large Organic Molecules in Scanning Tunneling Microscopy: Imaging Adsorbate-Substrate Coupling of Metalloporphyrins. <i>Journal of Physical Chemistry C</i> , 2009, 113, 16450-16457.	3.1	61
272	A Comparative Study of a Triphenylene Tricarbonyl Chromium Complex and Its Uncoordinated Arene Ligand on the Ag(111) Surface: Influence of the Complexation on the Adsorption. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6014-6021.	3.1	2
273	Formation of the Calcium/Poly(3-Hexylthiophene) Interface: Structure and Energetics. <i>Journal of the American Chemical Society</i> , 2009, 131, 13498-13507.	13.7	41
274	Influence of Different Substituents on the Surface Composition of Ionic Liquids Studied Using ARXPS. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2854-2864.	2.6	177
275	Nanoporous Au: An Unsupported Pure Gold Catalyst?. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5593-5600.	3.1	232
276	Band gap effect on the photocatalytic activity of supramolecular structures obtained by entrapping photosensitizers in different inorganic supports. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5569.	2.8	24
277	Electron-Beam-Induced Deposition in Ultrahigh Vacuum: Lithographic Fabrication of Clean Iron Nanostructures. <i>Small</i> , 2008, 4, 841-846.	10.0	94
278	Heterogeneous Gold Catalysts for Efficient Access to Functionalized Lactones. <i>Chemistry - A European Journal</i> , 2008, 14, 9412-9418.	3.3	65
279	Physical Vapor Deposition of [EMIM][Tf ₂ N]: A New Approach to the Modification of Surface Properties with Ultrathin Ionic Liquid Films. <i>ChemPhysChem</i> , 2008, 9, 2185-2190.	2.1	140
280	Kinetic passivation of steps with sulfur and CO/S site exchange processes on stepped Pt surfaces. <i>Chemical Physics Letters</i> , 2008, 452, 94-98.	2.6	6
281	Surface analysis of Pd/ZnO catalysts dispersed on micro-channeled Al-foils by XPS. <i>Applied Catalysis A: General</i> , 2008, 348, 209-213.	4.3	13
282	Chloroalkylsulfonate ionic liquids by ring opening of sultones with organic chloride salts. <i>Chemical Communications</i> , 2008, , 3867.	4.1	39
283	Modeling NO _x Storage Materials: On the Formation of Surface Nitrites and Nitrates and Their Identification by Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6477-6486.	3.1	34
284	Direct Metalation of a Phthalocyanine Monolayer on Ag(111) with Coadsorbed Iron Atoms. <i>Journal of Physical Chemistry C</i> , 2008, 112, 6087-6092.	3.1	128
285	Coordination of Iron Atoms by Tetraphenylporphyrin Monolayers and Multilayers on Ag(111) and Formation of Iron-Tetraphenylporphyrin. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15458-15465.	3.1	147
286	Chemistry at surfaces. <i>Chemical Society Reviews</i> , 2008, 37, 2153.	38.1	3
287	Understanding the Contrast Mechanism in Scanning Tunneling Microscopy (STM) Images of an Intermixed Tetraphenylporphyrin Layer on Ag(111). <i>Langmuir</i> , 2008, 24, 1897-1901.	3.5	62
288	Surface Characterization of Functionalized Imidazolium-Based Ionic Liquids. <i>Langmuir</i> , 2008, 24, 9500-9507.	3.5	126

#	ARTICLE	IF	CITATIONS
289	Tetraphenylporphyrin picks up zinc atoms from a silver surface. <i>Chemical Communications</i> , 2007, , 568-570.	4.1	95
290	Microscopic models of PdZn alloy catalysts: structure and reactivity in methanol decomposition. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 3470-3482.	2.8	96
291	Influence of Steps on the Adsorption of Methane on Platinum Surfaces. <i>Journal of Physical Chemistry C</i> , 2007, 111, 2177-2184.	3.1	32
292	Adsorption and Reaction of Cyclohexene on a Ni(111) Surface. <i>Langmuir</i> , 2007, 23, 5541-5547.	3.5	20
293	Polymorphism of Porphyrin Molecules on Ag(111) and How to Weave a Rigid Monolayer. <i>Journal of Physical Chemistry C</i> , 2007, 111, 13531-13538.	3.1	56
294	NO-Induced Reversible Switching of the Electronic Interaction between a Porphyrin-Coordinated Cobalt Ion and a Silver Surface. <i>Journal of the American Chemical Society</i> , 2007, 129, 12110-12111.	13.7	137
295	Surface-Confined Two-Step Synthesis of the Complex (Ammine)(meso-tetraphenylporphyrinato)-zinc(II) on Ag(111). <i>Journal of Physical Chemistry C</i> , 2007, 111, 5821-5824.	3.1	64
296	Principle and Mechanism of Direct Porphyrin Metalation: A Joint Experimental and Theoretical Investigation. <i>Journal of the American Chemical Society</i> , 2007, 129, 9476-9483.	13.7	167
297	Interaction of Cobalt(II) Tetraarylporphyrins with a Ag(111) Surface Studied with Photoelectron Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2007, 111, 3090-3098.	3.1	188
298	Microscopic Evidence of the Metalation of a Free-Base Porphyrin Monolayer with Iron. <i>ChemPhysChem</i> , 2007, 8, 241-243.	2.1	95
299	Kinetic isotope effects and reaction intermediates in the decomposition of methyl on flat and stepped platinum (1 1 1) surfaces. <i>Chemical Physics Letters</i> , 2007, 442, 176-181.	2.6	16
300	The dissimilar twins as a comparative, site-selective in situ study of CO adsorption and desorption on Pt(322) and Pt(355). <i>Surface Science</i> , 2007, 601, 1108-1117.	1.9	48
301	A site-selective in situ study of CO adsorption and desorption on Pt(355). <i>Journal of Chemical Physics</i> , 2006, 124, 074712.	3.0	51
302	Surface Studies on the Ionic Liquid 1-Ethyl-3-Methylimidazolium Ethylsulfate Using X-Ray Photoelectron Spectroscopy (XPS). <i>Zeitschrift Fur Physikalische Chemie</i> , 2006, 220, 1439-1453.	2.8	101
303	Direct Synthesis of a Metalloporphyrin Complex on a Surface. <i>Journal of the American Chemical Society</i> , 2006, 128, 5644-5645.	13.7	228
304	Electronic properties of thin Zn layers on Pd(111) during growth and alloying. <i>Surface Science</i> , 2006, 600, 78-94.	1.9	95
305	Surface Enrichment and Depletion Effects of Ions Dissolved in an Ionic Liquid: An X-ray Photoelectron Spectroscopy Study. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7778-7780.	13.8	117
306	A detailed analysis of vibrational excitations in x-ray photoelectron spectra of adsorbed small hydrocarbons. <i>Journal of Chemical Physics</i> , 2006, 125, 204706.	3.0	45

#	ARTICLE	IF	CITATIONS
307	Site selectivity of benzene adsorption on Ni(111) studied by high-resolution x-ray photoelectron spectroscopy. <i>Physical Review B</i> , 2006, 73, .	3.2	25
308	The surface geometry of carbonmonoxide and hydrogen co-adsorbed on Ni{111}. <i>Surface Science</i> , 2005, 574, 193-204.	1.9	24
309	The surface geometries of the medium and high coverage carbon monoxide structures $c(2\sqrt{3}\times\sqrt{3})R19.5^\circ$ and $R19.5^\circ$ on Ni{111}. <i>Surface Science</i> , 2005, 575, 343-357.	1.9	16
310	An STM study of growth and alloying of Cr on Ru(0001) and CO adsorption on the alloy. <i>Surface Science</i> , 2005, 578, 124-135.	1.9	7
311	New setup for in situ x-ray photoelectron spectroscopy from ultrahigh vacuum to 1mbar. <i>Review of Scientific Instruments</i> , 2005, 76, 014102.	1.3	98
312	Activated adsorption of methane on Pt(111) – an in situ XPS study. <i>New Journal of Physics</i> , 2005, 7, 107-107.	2.9	67
313	Adsorption and Reaction of Methanol on Clean and Oxygen Precovered Cu(111). <i>Zeitschrift Fur Physikalische Chemie</i> , 2004, 218, 957-971.	2.8	17
314	Kinetics of the CO oxidation reaction on Pt(111) studied by in situ high-resolution x-ray photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2004, 120, 7113-7122.	3.0	54
315	The Surface Geometry of Carbon Monoxide and Oxygen Co-adsorbed on Ni{111}. <i>Zeitschrift Fur Physikalische Chemie</i> , 2004, 218, 915-927.	2.8	8
316	Vibrationally resolved in situ XPS study of activated adsorption of methane on Pt(111). <i>Chemical Physics Letters</i> , 2004, 390, 208-213.	2.6	51
317	Coadsorption of D2O and CO on Pt(111) Studied by in Situ High-Resolution X-ray Photoelectron Spectroscopy. <i>Langmuir</i> , 2004, 20, 1819-1826.	3.5	43
318	Low-temperature partial dissociation of water on Cu(110). <i>Chemical Physics Letters</i> , 2003, 377, 163-169.	2.6	66
319	Adsorption and desorption of CO on Pt(111): a comprehensive analysis. <i>Surface Science</i> , 2003, 545, 47-69.	1.9	99
320	The adsorption of NO on an oxygen pre-covered Pt(111) surface: in situ high-resolution XPS combined with molecular beam studies. <i>Surface Science</i> , 2003, 547, 410-420.	1.9	19
321	Adsorption kinetics of CO on Cr/Ru surfaces. <i>Surface Science</i> , 2003, 532-535, 173-178.	1.9	9
322	In situ high-resolution XPS studies on adsorption of NO on Pt(111). <i>Surface Science</i> , 2003, 529, 384-396.	1.9	76
323	Formation of the ZnSe/(Te)/GaAs() heterojunction. <i>Surface Science</i> , 2003, 531, 77-85.	1.9	37
324	The thermal chemistry of saturated layers of acetylene and ethylene on Ni(100) studied by in situ synchrotron x-ray photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2003, 119, 1710-1718.	3.0	29

#	ARTICLE	IF	CITATIONS
325	Influence of As passivation on the electronic level alignment at BeTe/Si(111) interfaces. Physical Review B, 2003, 67, .	3.2	8
326	IN-SITU CORE-LEVEL PHOTOELECTRON SPECTROSCOPY OF ADSORBATES ON SURFACES INVOLVING A MOLECULAR BEAM " GENERAL SETUP AND FIRST EXPERIMENTS. Surface Review and Letters, 2002, 09, 797-801.	1.1	92
327	A TEMPERATURE-PROGRAMMED X-RAY PHOTOELECTRON SPECTROSCOPY STUDY OF THE DECOMPOSITION REACTIONS OF UNSATURATED HYDROCARBONS ON Ni(100). Surface Review and Letters, 2002, 09, 789-795.	1.1	5
328	An in situ photoemission study of the dehydrogenation reaction of methanol on Ni(). Surface Science, 2002, 507-510, 832-837.	1.9	24
329	Dissociation and oxidation of methanol on Cu(). Surface Science, 2002, 507-510, 845-850.	1.9	67
330	Energy level alignment at zinc blende Cd(Mn)Se/ZnTe/InAs(100) interfaces. Applied Physics Letters, 2002, 81, 3813-3815.	3.3	12
331	Kinetic parameters of CO adsorbed on Pt(111) studied by in situ high resolution x-ray photoelectron spectroscopy. Journal of Chemical Physics, 2002, 117, 10852-10859.	3.0	113
332	Electron spectroscopic studies of iron and iridium silicides. Surface and Interface Analysis, 2002, 34, 744-748.	1.8	9
333	Adsorption of CO on ultrathin Cr layers on Ru(0001). Surface Science, 2002, 512, 107-116.	1.9	6
334	Strong repulsion and site exclusion in a system with ontop and bridge sites on a one-dimensional lattice: equilibrium and kinetics. Surface Science, 2002, 513, 174-202.	1.9	11
335	Temperature dependent oxidation of thin Ni layers on Cu(). Surface Science, 2002, 516, 95-102.	1.9	8
336	Light-Atom Location in Adsorbed Benzene by Experiment and Theory. Physical Review Letters, 2001, 87, 216102.	7.8	47
337	Coverage-dependent changes in the adsorption geometries of ordered benzene layers on Ru(0001). Surface Science, 2001, 475, 18-36.	1.9	35
338	Growth and electronic properties of thin Zn layers on Cu(111). Surface Science, 2001, 482-485, 886-890.	1.9	16
339	Segregation effects and chemical properties of nickel monolayers on Cu(111). Surface Science, 2001, 482-485, 1292-1297.	1.9	7
340	Correlation between chemical properties and electronic structure of pseudomorphic Cu monolayers on Ni(111) and Ru(0001). Surface Science, 2001, 477, 113-125.	1.9	11
341	Formation of a new type of chromium oxide by deposition of chromium onto water precovered Cu(111). Surface Science, 2001, 480, 73-83.	1.9	11
342	Surface structure analysis based on the exclusive use of the specular LEED spot " a theoretical study. Surface Science, 2001, 490, 274-284.	1.9	4

#	ARTICLE	IF	CITATIONS
343	Electron spectroscopic studies of vapor-deposited Co layers on MoO ₃ surfaces. Journal of Electron Spectroscopy and Related Phenomena, 2001, 114-116, 539-544.	1.7	12
344	Holography with photoelectrons: a direct approach. Journal of Physics Condensed Matter, 2001, 13, 10533-10560.	1.8	2
345	Reduction of the ZnSe/GaAs(100) valence band offset by a Te interlayer. Applied Physics Letters, 2001, 78, 1867-1869.	3.3	18
346	The transition from oxygen chemisorption to oxidation of ultra-thin Ni layers on Cu(111). Journal of Chemical Physics, 2001, 115, 1902-1908.	3.0	11
347	A fast x-ray photoelectron spectroscopy study of the adsorption and temperature-dependent decomposition of propene on Ni(100). Journal of Chemical Physics, 2001, 115, 8133-8140.	3.0	17
348	Electronic structure and orientation of benzene adsorbed on a pseudomorphic Cu monolayer on Ru(0001). Surface Science, 2000, 454-456, 83-87.	1.9	12
349	The electronic band structure of ZnSe(100). Surface Science, 2000, 454-456, 477-482.	1.9	12
350	The growth of thin Cu layers on Ni(111) studied by CO titration and photoelectron spectroscopy. Surface Science, 2000, 453, 201-213.	1.9	29
351	THE ORIENTATION OF BENZENE ON BIMETALLIC SURFACES. Surface Review and Letters, 1999, 06, 893-901.	1.1	17
352	Complex loss function of CdTe. Physical Review B, 1999, 59, 5544-5550.	3.2	8
353	The growth of ultrathin Cr films on benzene-covered Ni(111). Applied Surface Science, 1999, 142, 327-331.	6.1	1
354	Electronic properties of a pseudomorphic Cu-layer on Ni(111). Applied Surface Science, 1999, 142, 18-22.	6.1	14
355	Energy and temperature dependent sticking coefficients of CO on ultrathin copper layers on Ru(001). Surface Science, 1999, 433-435, 27-31.	1.9	35
356	Benzene adsorption on a pseudomorphic Cu monolayer on Ni(111) – a combined TPD and ARUPS study. Surface Science, 1999, 437, 125-136.	1.9	21
357	A molecular beam study of the adsorption dynamics of CO on Ru(0001), Cu(111) and a pseudomorphic Cu monolayer on Ru(0001). Surface Science, 1999, 440, 307-320.	1.9	78
358	Photoelectron spectroscopy of molecular-beam epitaxially grown BeTe/ZnSe and BeTe/GaAs heterostructures. Journal of Crystal Growth, 1998, 184-185, 173-177.	1.5	3
359	Be-chalcogenides: heteroepitaxy and interface properties. Applied Surface Science, 1998, 123-124, 429-434.	6.1	8
360	Tilted adsorption of benzene on Pt(110) 1 Å– 2. Surface Science, 1998, 396, 61-77.	1.9	35

#	ARTICLE	IF	CITATIONS
361	Characterization of thin copper films on Ni(111) by CO titration. <i>Surface Science</i> , 1998, 402-404, 322-326.	1.9	11
362	Determination of adsorption sites of pure and coadsorbed CO on Ni(111) by high resolution X-ray photoelectron spectroscopy. <i>Surface Science</i> , 1998, 398, 154-171.	1.9	109
363	Electronic structure of benzene adsorbed on single-domain Si(001)-(2 \times 1): A combined experimental and theoretical study. <i>Journal of Chemical Physics</i> , 1998, 108, 5554-5564.	3.0	125
364	Band structure of BeTe: A combined experimental and theoretical study. <i>Physical Review B</i> , 1998, 58, 10394-10400.	3.2	61
365	Band discontinuities and local interface composition in BeTe/ZnSe heterostructures. <i>Journal of Applied Physics</i> , 1998, 83, 4253-4257.	2.5	23
366	Adsorption and thermal evolution of SO ₂ on the Pt(110) surface. <i>Surface Science</i> , 1997, 371, 235-244.	1.9	44
367	One-dimensional xenon band structures on hydrogen modified and stepped platinum surfaces. <i>Surface Science</i> , 1997, 377-379, 155-159.	1.9	18
368	A simple design for a helium scattering apparatus. <i>Surface Science</i> , 1997, 377-379, 1101-1105.	1.9	1
369	Argon desorption as a tool to study the growth of molecular layers. <i>Surface Science</i> , 1996, 348, 370-378.	1.9	10
370	Surface structure characterization by photoelectron holography. <i>Thin Solid Films</i> , 1996, 275, 266-269.	1.8	2
371	Angle-resolved photoemission studies of adsorbed hydrocarbons. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 6465-6509.	1.8	53
372	Surface structure characterization by photoelectron holography. , 1996, , 266-269.		0
373	Ultrathin films of Pt on TiO ₂ (110): Growth and chemisorption-induced surfactant effects. <i>Physical Review B</i> , 1995, 51, 2427-2439.	3.2	148
374	One-dimensional band structures: Rare gases on Pt(110)1 \times 2. <i>Physical Review B</i> , 1995, 52, R17048-R17051.	3.2	15
375	The adsorption of acetylene on Ni(110): An experimental and theoretical study. <i>Journal of Chemical Physics</i> , 1995, 102, 9709-9724.	3.0	38
376	The photoelectron spectrum of ethylene oxide adsorbed at metal surfaces: a density functional model cluster study of. <i>Surface Science</i> , 1995, 326, 53-58.	1.9	7
377	Holography of clean and sulphur-covered Ni(111) using multiple wave number photoelectron diffraction patterns. <i>Surface Science</i> , 1995, 334, 114-134.	1.9	12
378	Thermal stability of Pt films on TiO ₂ (110): evidence for encapsulation. <i>Surface Science</i> , 1995, 339, 83-95.	1.9	219

#	ARTICLE	IF	CITATIONS
379	First Experimental Determination of an Adsorption Site Using Multiple Wave Number Photoelectron Diffraction Patterns. <i>Physical Review Letters</i> , 1994, 73, 3548-3551.	7.8	25
380	Angle-resolved UV photoelectron spectroscopy of ethylene and benzene on nickel. <i>Applied Physics A: Solids and Surfaces</i> , 1994, 59, 517-529.	1.4	21
381	Multiple surface plasmon excitations in overlayers of K and Na on Ru(001). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1994, 70, 103-116.	1.7	4
382	Angle-resolved UV-photoelectron spectroscopy. <i>Vacuum</i> , 1994, 45, 715-731.	3.5	20
383	Holographic reconstruction of Pt(110) using multiple wave number photoelectron diffraction patterns. <i>Surface Science</i> , 1994, 312, 82-96.	1.9	11
384	Photoelectron diffraction and holography of clean and sulphur-covered Ni(110). <i>Surface Science</i> , 1994, 306, 125-143.	1.9	18
385	Ethylene oxide on Pt(110) 1Å–2. A multimethod investigation. <i>Chemical Physics</i> , 1993, 177, 321-336.	1.9	12
386	Sulphur dioxide adsorption on the Ni(110) surface. <i>Surface Science</i> , 1993, 295, 295-305.	1.9	47
387	A multimethod-investigation of the adsorption of ethylene oxide on Ni(110). <i>Surface Science</i> , 1993, 287-288, 471-475.	1.9	14
388	Resonant excitation and decay of core holes in condensed layers of furan and pyrrole. <i>Journal of Chemical Physics</i> , 1993, 99, 3343-3352.	3.0	23
389	Ethylene adsorbed on Ni(110): An experimental and theoretical determination of the two-dimensional band structure. <i>Physical Review B</i> , 1992, 46, 1675-1686.	3.2	33
390	Core excitation, decay, and fragmentation in solid benzene as studied by x-ray absorption, resonant Auger, and photon stimulated desorption. <i>Journal of Chemical Physics</i> , 1992, 96, 1724-1734.	3.0	97
391	The electronic structure of ethylene on Ni(110): an experimental and theoretical study. <i>Surface Science</i> , 1992, 271, 539-554.	1.9	52
392	Changes in the adsorption and desorption behavior of cyclohexane and benzene on Ni(111) induced by a monoatomic potassium layer. <i>Surface Science</i> , 1991, 244, 185-196.	1.9	16
393	Azimuthal reorientation of adsorbed molecules induced by lateral interactions: benzene/Ni(110). <i>Surface Science</i> , 1991, 253, 72-98.	1.9	59
394	The adsorption of H ₂ O on K precovered Ni(111) studied by ARUPS and TPD. <i>Surface Science</i> , 1991, 254, 105-118.	1.9	24
395	On the formation of mixed ordered structures in the coadsorption system benzene + NO on Ni(111). <i>Surface Science</i> , 1991, 258, 1-15.	1.9	14
396	Lateral interactions and azimuthal orientation of pure and coadsorbed benzene layers on Ni(111). <i>Surface Science</i> , 1991, 258, 16-22.	1.9	59

#	ARTICLE	IF	CITATIONS
397	Jahn-Teller effect of the 2e2g level of chemisorbed benzene. <i>Chemical Physics Letters</i> , 1991, 180, 133-138.	2.6	19
398	Electronic structure, orientation and symmetry of benzene and benzene coadsorbed with CO and NO on Ni(111) and Ru(001). <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1990, 52, 91-102.	1.7	19
399	A comparative study of the electronic structure of CO, CO + K, NO and NO + K on Ni (111) by ARUPS using synchrotron radiation. <i>Vacuum</i> , 1990, 41, 730-731.	3.5	13
400	A low coverage study of NO on Ni(111) by angle resolved Auger electron spectroscopy at resonance excitation. <i>Physica Scripta</i> , 1990, 41, 177-180.	2.5	16
401	Excitation, deexcitation, and fragmentation in the core region of condensed and adsorbed water. <i>Journal of Chemical Physics</i> , 1990, 93, 58-75.	3.0	121
402	Electronic structure of cyclohexane on Ni(111). <i>Surface Science</i> , 1990, 239, 353-362.	1.9	24
403	Electronic structure and orientation of NO on Ni(111) studied by arups using synchrotron radiation. <i>Surface Science</i> , 1989, 208, 136-154.	1.9	61
404	Benzene coadsorbed with CO and NO on Ru(001). <i>Surface Science</i> , 1989, 210, 282-300.	1.9	42
405	The adsorption of benzene mono- and multilayers on Ni(111) studied by TPD and LEED. <i>Surface Science</i> , 1989, 218, 293-316.	1.9	113
406	The electronic structure and molecular symmetry of pure benzene and benzene coadsorbed with CO on Ni(111). <i>Surface Science</i> , 1989, 217, 103-126.	1.9	93
407	The adsorption of H2O on clean and oxygen precovered Ni(111) studied by ARUPS and TPD. <i>Surface Science</i> , 1989, 224, 195-214.	1.9	68
408	Highly efficient dissociation of condensed and adsorbed water via core-to-bound excitation. <i>Chemical Physics Letters</i> , 1988, 148, 371-376.	2.6	43
409	The dynamics of the dissociative adsorption of alkanes on Ir(110). <i>Journal of Chemical Physics</i> , 1987, 86, 6506-6514.	3.0	96
410	Summary Abstract: The dynamics of alkane activation on Ni(100) and Ir(110). <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1987, 5, 520-521.	2.1	0
411	The role of surface defects in the adsorption and desorption of hydrogen on Ni(111). <i>Surface Science</i> , 1987, 185, 469-478.	1.9	71
412	The interaction of CO and Ar molecular beams with Ir(110). <i>Surface Science</i> , 1987, 185, 36-52.	1.9	43
413	Precursors and trapping in the molecular chemisorption of CO on Ni(100). <i>Surface Science</i> , 1987, 180, 47-76.	1.9	102
414	A molecular beam investigation on the kinetic energy dependence of the activation of ethane on the reconstructed Ir(110)-(1 × 2) surface. <i>Surface Science</i> , 1986, 173, L571-L575.	1.9	31

#	ARTICLE	IF	CITATIONS
415	The role of defects in the dissociative adsorption of CO on Ni(100). Surface Science, 1986, 172, L561-L567.	1.9	37
416	A test of capillary array beam sources for very large Knudsen numbers. Vacuum, 1986, 36, 213-215.	3.5	15
417	Activation of n-butane with translational energy on Ir(110) (1 \times 2). Journal of Chemical Physics, 1986, 85, 7494-7495.	3.0	28
418	Adsorption probabilities of H ₂ and D ₂ on various flat and stepped nickel surfaces. Physical Review B, 1985, 32, 5032-5037.	3.2	76
419	An accurate technique to measure angle-resolved flash desorption spectra. Surface Science, 1985, 152-153, 323-327.	1.9	35
420	The sticking coefficient of H ₂ on Ni(111) as a function of particle energy and angle of incidence: A test of detailed balancing. Surface Science, 1985, 154, 99-108.	1.9	86
421	Features of hydrogen adsorption on a Ni(997) surface. Surface Science, 1985, 163, L641-L644.	1.9	25
422	Angle-resolved thermal desorption spectra for CO and H ₂ from Ni(111), Ni(110) and polycrystalline nickel. Journal of Physics C: Solid State Physics, 1984, 17, L311-L316.	1.5	29