

Alberto Verdini

List of Publications by Year in descending order

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194
papers

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195
docs citations

195
times ranked

5628
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray Diffraction and Computation Yield the Structure of Alkanethiols on Gold(111). <i>Science</i> , 2008, 321, 943-946.	6.0	279
2	Structure of aCH ₃ S Monolayer on Au(111) Solved by the Interplay between Molecular Dynamics Calculations and Diffraction Measurements. <i>Physical Review Letters</i> , 2007, 98, 016102.	2.9	204
3	Insight into Organometallic Intermediate and Its Evolution to Covalent Bonding in Surface-Confined Ullmann Polymerization. <i>ACS Nano</i> , 2013, 7, 8190-8198.	7.3	190
4	Defect States at the TiO ₂ /Tj ETQqO O O rgBT /Overlock 10 Tf 50 617 Td (stretchy="false")</mml:math></mml:math>		
5	Performance of the grating-crystal monochromator of the ALOISA beamline at the Elettra Synchrotron. <i>Review of Scientific Instruments</i> , 1999, 70, 3855-3864.	0.6	175
6	Periodic Arrays of Cu-Phthalocyanine Chains on Au(110). <i>Journal of Physical Chemistry C</i> , 2008, 112, 10794-10802.	1.5	138
7	Tuning the catalytic activity of Ag(110)-supported Fe phthalocyanine in the oxygen reduction reaction. <i>Nature Materials</i> , 2012, 11, 970-977.	13.3	131
8	Site-specific electronic and geometric interface structure of Co-tetraphenyl-porphyrin layers on Ag(111). <i>Physical Review B</i> , 2010, 81, .	1.1	124
9	Ultrahigh Vacuum Deposition of L-Cysteine on Au(110) Studied by High-Resolution X-ray Photoemission: From Early Stages of Adsorption to Molecular Organization. <i>Journal of Physical Chemistry B</i> , 2005, 109, 18003-18009.	1.2	112
10	Quantifying through-space charge transfer dynamics in ĩ-coupled molecular systems. <i>Nature Communications</i> , 2012, 3, 1086.	5.8	108
11	Relating Energy Level Alignment and Amine-Linked Single Molecule Junction Conductance. <i>Nano Letters</i> , 2010, 10, 2470-2474.	4.5	95
12	Localized and Dispersive Electronic States at Ordered FePc and CoPc Chains on Au(110). <i>Journal of Physical Chemistry C</i> , 2010, 114, 21638-21644.	1.5	91
13	Mechanistic Picture and Kinetic Analysis of Surface-Confined Ullmann Polymerization. <i>Journal of the American Chemical Society</i> , 2016, 138, 16696-16702.	6.6	81
14	Understanding Energy-Level Alignment in Donor-Acceptor/Metal Interfaces from Core-Level Shifts. <i>ACS Nano</i> , 2013, 7, 6914-6920.	7.3	78
15	Conformational Adaptation and Electronic Structure of 2H-Tetraphenylporphyrin on Ag(111) during Fe Metalation. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4155-4162.	1.5	76
16	Intrinsic Nature of the Excess Electron Distribution at the TiO ₂ /Tj ETQqO O O rgBT /Overlock 10 Tf 50 127 Td (stretchy="false")</mml:math></mml:math>	2.9	69
17	Following the Metalation Process of Protoporphyrin IX with Metal Substrate Atoms at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6849-6854.	1.5	63
18	Room Temperature Metalation of 2H-TPP Monolayer on Iron and Nickel Surfaces by Picking up Substrate Metal Atoms. <i>ACS Nano</i> , 2012, 6, 10800-10807.	7.3	63

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19	Anisotropic Ordered Planar Growth of Γ -Sexithienyl Thin Films. <i>Journal of Physical Chemistry B</i> , 1999, 103, 7788-7795.	1.2	62
20	Supramolecular Engineering through Temperature-Induced Chemical Modification of Γ -Tetraphenylporphyrin on Ag(111): Flat Phenyl Conformation and Possible Dehydrogenation Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 14354-14359.	1.7	58
21	Stoichiometry-related Auger lineshapes in titanium oxides: Influence of valence-band profile and of Coster-Kronig processes. <i>Physical Review B</i> , 2004, 69, .	1.1	55
22	The role of halogens in on-surface Ullmann polymerization. <i>Faraday Discussions</i> , 2017, 204, 453-469.	1.6	54
23	Customized Electronic Coupling in Self-Assembled Donor-Acceptor Nanostructures. <i>Advanced Functional Materials</i> , 2009, 19, 3567-3573.	7.8	52
24	Pentacene Nanorails on Au(110). <i>Langmuir</i> , 2008, 24, 767-772.	1.6	48
25	Atomically Resolved Images from Near Node Photoelectron Holography Experiments on Al(111). <i>Physical Review Letters</i> , 2001, 86, 2337-2340.	2.9	46
26	Electronic structure and molecular orientation of a Zn-tetra-phenyl porphyrin multilayer on Si(111). <i>Surface Science</i> , 2006, 600, 4013-4017.	0.8	44
27	Donor-Acceptor Shape Matching Drives Performance in Photovoltaics. <i>Advanced Energy Materials</i> , 2013, 3, 894-902.	10.2	43
28	Photoelectron-Auger electron coincidence study for condensed matter. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004, 141, 149-159.	0.8	42
29	Mesoscopic Donor-Acceptor Multilayer by Ultrahigh-Vacuum Codeposition of Zn-Tetraphenyl-Porphyrin and C70. <i>Journal of the American Chemical Society</i> , 2009, 131, 644-652.	6.6	41
30	Interaction of l-cysteine with naked gold nanoparticles supported on HOPG: a high resolution XPS investigation. <i>Nanoscale</i> , 2012, 4, 7727.	2.8	41
31	Electronic and Geometric Characterization of the l-Cysteine Paired-Row Phase on Au(110). <i>Langmuir</i> , 2006, 22, 11193-11198.	1.6	40
32	In situ study of pentacene interaction with archetypal hybrid contacts: Fluorinated versus alkane thiols on gold. <i>Physical Review B</i> , 2010, 82, .	1.1	40
33	Planar Growth of Pentacene on the Dielectric TiO ₂ (110) Surface. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4664-4672.	1.5	40
34	Atomic Structure and Special Reactivity Toward Methanol Oxidation of Vanadia Nanoclusters on TiO ₂ (110). <i>Journal of the American Chemical Society</i> , 2013, 135, 17331-17338.	6.6	39
35	Flexible NO ₂ -Functionalized N-Heterocyclic Carbene Monolayers on Au (111) Surface. <i>Chemistry - A European Journal</i> , 2019, 25, 15067-15072.	1.7	39
36	Filling empty states in a CuPc single layer on the Au(110) surface via electron injection. <i>Physical Review B</i> , 2009, 79, .	1.1	38

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37	Spectroscopic Fingerprints of Work-Function-Controlled Phthalocyanine Charging on Metal Surfaces. ACS Nano, 2014, 8, 12786-12795.	7.3	37
38	Interplay between Hydrogen Bonding and Molecule-Substrate Interactions in the Case of Terephthalic Acid Molecules on Cu(001) Surfaces. Journal of Physical Chemistry C, 2013, 117, 1287-1296.	1.5	36
39	On-surface synthesis of a 2D boroxine framework: a route to a novel 2D material?. Chemical Communications, 2018, 54, 3971-3973.	2.2	36
40	Characterization of hydroxyl groups on water-reactedSi synchrotron radiation O1 Physical Review B, 2007, 76, .	1.1	35
41	Experimental Study of Pristine and Alkali Metal Doped Picene Layers: Confirmation of the Insulating Phase in Multilayer Doped Compounds. Journal of Physical Chemistry C, 2012, 116, 19902-19908.	1.5	35
42	Stereoselective Photopolymerization of Tetraphenylporphyrin Derivatives on Ag(110) at the Sub-Monolayer Level. Chemistry - A European Journal, 2014, 20, 14296-14304.	1.7	35
43	Interaction strength and molecular orientation of a single layer of pentacene in organic-metal interface and organic-organic heterostructure. Physical Review B, 2008, 77, .	1.1	33
44	Elucidating the Influence of Anchoring Geometry on the Reactivity of NO ₂ -Functionalized N-Heterocyclic Carbene Monolayers. Journal of Physical Chemistry Letters, 2019, 10, 5099-5104.	2.1	33
45	Tailoring SAM-on-SAM Formation. Journal of Physical Chemistry Letters, 2011, 2, 3124-3129.	2.1	32
46	Azimuthal Dichroism in Near-Edge X-ray Absorption Fine Structure Spectra of Planar Molecules. Journal of Physical Chemistry C, 2013, 117, 6632-6638.	1.5	32
47	On-surface nickel porphyrin mimics the reactive center of an enzyme cofactor. Chemical Communications, 2018, 54, 13423-13426.	2.2	32
48	Quantum size effects in the low temperature layer-by-layer growth of Pb on Ge(001). Progress in Surface Science, 2003, 72, 135-159.	3.8	31
49	Phase Diagram of Pentacene Growth on Au(110). Journal of Physical Chemistry B, 2006, 110, 4908-4913.	1.2	31
50	Changes of the Molecule-Substrate Interaction upon Metal Inclusion into a Porphyrin. Chemistry - A European Journal, 2012, 18, 12619-12623.	1.7	30
51	Trapping of Charged Gold Adatoms by Dimethyl Sulfoxide on a Gold Surface. ACS Nano, 2015, 9, 8697-8709.	7.3	30
52	Amine Functionalization of Gold Surfaces: Ultra High Vacuum Deposition of Cysteamine on Au(111). Journal of Physical Chemistry C, 2010, 114, 15011-15014.	1.5	29
53	Hydrogen capture by porphyrins at the TiO ₂ (110) surface. Physical Chemistry Chemical Physics, 2015, 17, 30119-30124.	1.3	29
54	Identifying site-dependent reactivity in oxidation reactions on single Pt particles. Chemical Science, 2018, 9, 6523-6531.	3.7	29

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55	Massive Surface Reshaping Mediated by Metal–Organic Complexes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 29704-29712.	1.5	28
56	High resolution NEXAFS of perylene and PTCDI: a surface science approach to molecular orbital analysis. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 14834.	1.3	28
57	Enhanced ambient stability of exfoliated black phosphorus by passivation with nickel nanoparticles. <i>Nanotechnology</i> , 2020, 31, 275708.	1.3	28
58	Growth, structure and epitaxy of ultrathin NiO films on Ag(001). <i>Thin Solid Films</i> , 2001, 400, 139-143.	0.8	27
59	Order-disorder character of the $(3\sqrt{3}\times 3\sqrt{3})R30^\circ$ phase transition of Sn on Ge(111). <i>Physical Review B</i> , 2001, 64, .	1.1	27
60	Determination of the $(3\sqrt{3}\times 3\sqrt{3})$ Sn/Ge(111) structure by photoelectron diffraction. <i>Physical Review B</i> , 2001, 63, .	1.1	26
61	Molecular orientations, electronic properties and charge transfer timescale in a Zn-porphyrin/C70 donor–acceptor complex for solar cells. <i>Surface Science</i> , 2006, 600, 4018-4023.	0.8	26
62	Comment on “Local Methylthiolate Adsorption Geometry on Au(111) from Photoemission Core-Level Shifts”. <i>Physical Review Letters</i> , 2009, 103, 119601; author reply 119602.	2.9	26
63	Weakly Interacting Molecular Layer of Spinning C_{60} Molecules on TiO_2 (110) Surfaces. <i>Chemistry - A European Journal</i> , 2012, 18, 7382-7387.	1.7	26
64	On-Surface Synthesis of a Pure and Long-Range-Ordered Titanium(IV)-Porphyrin Contact Layer on Titanium Dioxide. <i>Journal of Physical Chemistry C</i> , 2017, 121, 13738-13746.	1.5	26
65	ANCHOR-SUNDYDYN: A novel endstation for time resolved spectroscopy at the ALOISA beamline. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2018, 229, 7-12.	0.8	26
66	Strong Metal–Adsorbate Interactions Increase the Reactivity and Decrease the Orientational Order of OH-Functionalized N-Heterocyclic Carbene Monolayers. <i>Langmuir</i> , 2020, 36, 697-703.	1.6	26
67	Characterization of benzenethiolate self-assembled monolayer on Cu(100) by XPS and NEXAFS. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2009, 172, 64-68.	0.8	25
68	Supramolecular Environment-Dependent Electronic Properties of Metal–Organic Interfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 4780-4785.	1.5	25
69	Distinct behavior of localized and delocalized carriers in anatase TiO_2 (001) during reaction with O_2 . <i>Physical Review Materials</i> , 2020, 4, .	0.9	25
70	Substrate Influence for the Zn-tetraphenylporphyrin Adsorption Geometry and the Interface-Induced Electron Transfer. <i>ChemPhysChem</i> , 2010, 11, 2248-2255.	1.0	24
71	Morphological and mechanical properties of alkanethiol self-assembled monolayers investigated via bimodal atomic force microscopy. <i>Chemical Communications</i> , 2011, 47, 8823.	2.2	23
72	Surface to bulk charge transfer at an alkali metal/metal oxide interface. <i>Surface Science</i> , 2003, 547, L859-L864.	0.8	22

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73	Commensurate Growth of Densely Packed PTCDI Islands on the Rutile TiO ₂ (110) Surface. Journal of Physical Chemistry C, 2013, 117, 12639-12647.	1.5	21
74	Cobalt atoms drive the anchoring of Co-TPP molecules to the oxygen-passivated Fe(O ⁻) surface. Applied Surface Science, 2020, 505, 144213.	3.1	21
75	M_3 lineshape measured from the Cu(111) surface: Multiplet term selectivity in angle-resolved Auger-photoelectron coincidence spectroscopy. Physical Review B, 2009, 79, .	1.1	20
76	TiO ₂ (110) Charge Donation to an Extended π -Conjugated Molecule. Journal of Physical Chemistry Letters, 2015, 6, 308-313.	2.1	20
77	Effects of Titanium Layer Oxygen Scavenging on the High- <i>k</i> /InGaAs Interface. ACS Applied Materials & Interfaces, 2016, 8, 16979-16984.	4.0	20
78	Structure and Molecule-Substrate Interaction in a Co-octaethyl Porphyrin Monolayer on the Ag(110) Surface. Journal of Physical Chemistry C, 2011, 115, 11560-11568.	1.5	19
79	Reply to "Comment on "Insight into Organometallic Intermediate and Its Evolution to Covalent Bonding in Surface-Confined Ullmann Polymerization" ACS Nano, 2014, 8, 1969-1971.	7.3	19
80	Evaluation of molecular orbital symmetry via oxygen-induced charge transfer quenching at a metal-organic interface. Applied Surface Science, 2020, 504, 144343.	3.1	19
81	Room-Temperature On-Off Spin-Switching and Tuning in a Porphyrin-Based Multifunctional Interface. Small, 2021, 17, e2104779.	5.2	19
82	Water Formation for the Metalation of Porphyrin Molecules on Oxidized Cu(111). Chemistry - A European Journal, 2016, 22, 14672-14677.	1.7	18
83	Electronic properties of the boroxine-gold interface: evidence of ultra-fast charge delocalization. Chemical Science, 2017, 8, 3789-3798.	3.7	18
84	Picosecond timescale tracking of pentacene triplet excitons with chemical sensitivity. Communications Physics, 2019, 2, .	2.0	18
85	Influence of N-Substituents on the Adsorption Geometry of OH-Functionalized Chiral N-Heterocyclic Carbenes. Langmuir, 2021, 37, 10029-10035.	1.6	18
86	Chemistry and temperature-assisted dehydrogenation of C ₆₀ H ₃₀ molecules on TiO ₂ (110) surfaces. Nanoscale, 2013, 5, 11058.	2.8	17
87	Chemisorption of Pentacene on Pt(111) with a Little Molecular Distortion. Journal of Physical Chemistry C, 2017, 121, 22797-22805.	1.5	17
88	Nontrivial central-atom dependence in the adsorption of M-TPP molecules (M = Co, Ni, Zn) on Fe(001)- p stretch="false">Tj ETQq0 0 0 rgBT /Ov	3.1	17
89	Intra-atomic versus interatomic process in resonant Auger spectra at the TiL ₂₃ edges in rutile. Physical Review B, 2001, 64, .	1.1	16
90	C ₇₀ adsorbed on Cu(111): Metallic character and molecular orientation. Journal of Chemical Physics, 2002, 116, 7685-7690.	1.2	16

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91	Polymerization effects and localized electronic states in condensed-phase eumelanin. <i>Physical Review B</i> , 2009, 80, .	1.1	16
92	Controlling Carboxyl Deprotonation on Cu(001) by Surface Sn Alloying. <i>Journal of Physical Chemistry C</i> , 2013, 117, 17058-17065.	1.5	16
93	Ultrafast Charge Transfer Pathways Through A Prototype Amino-Carboxylic Molecular Junction. <i>Nano Letters</i> , 2016, 16, 1955-1959.	4.5	16
94	Local structure and morphological evolution of ZnTPP molecules grown on Fe(001)-p(1Å-1)O studied by STM and NEXAFS. <i>Applied Surface Science</i> , 2018, 435, 841-847.	3.1	16
95	Ferrous to Ferric Transition in Fe-Phthalocyanine Driven by NO ₂ Exposure. <i>Chemistry - A European Journal</i> , 2021, 27, 3526-3535.	1.7	16
96	Copper-assisted oxidation of catechols into quinone derivatives. <i>Chemical Science</i> , 2021, 12, 2257-2267.	3.7	16
97	Coordinated H-Bonding between Porphyrins on Metal Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 15378-15384.	1.5	15
98	Intermolecular Hydrogen Bonding and Molecular Orbital Distortion in 4-Hydroxycyanobenzene Investigated by X-ray Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2015, 119, 121-129.	1.5	15
99	Very high temperature tiling of tetraphenylporphyrin on rutile TiO ₂ (110). <i>Nanoscale</i> , 2017, 9, 11694-11704.	2.8	15
100	DETERMINATION OF TiO ₂ (110) SURFACE RELAXATION BY VARIABLE POLARIZATION PHOTOELECTRON DIFFRACTION. <i>Surface Review and Letters</i> , 1999, 06, 1201-1206.	0.5	14
101	Effects of Potassium on the Supramolecular Structure and Electronic Properties of Eumelanin Thin Films. <i>Langmuir</i> , 2010, 26, 19007-19013.	1.6	14
102	A competitive amino-carboxylic hydrogen bond on a gold surface. <i>Chemical Communications</i> , 2015, 51, 5739-5742.	2.2	14
103	Ubiquitous deprotonation of terephthalic acid in the self-assembled phases on Cu(100). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 4329-4339.	1.3	14
104	Magnetic properties of on-surface synthesized single-ion molecular magnets. <i>RSC Advances</i> , 2019, 9, 34421-34429.	1.7	14
105	First results from the new optical configuration for a synchrotron radiation monochromator applied to the ALOISA beamline. , 1997, , .		13
106	From bilayer to trilayer Fe nanoislands on Cu ₃ Au(001). <i>Physical Review B</i> , 2002, 65, .	1.1	13
107	Resonant photoelectron and photoelectron diffraction across the Fe L ₃ edge of Fe ₃ O ₄ . <i>Physical Review B</i> , 2010, 81, .	1.1	13
108	Length-Independent Charge Transport in Chimeric Molecular Wires. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14267-14271.	7.2	13

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109	Onâ€Surface Bottomâ€Up Synthesis of Azine Derivatives Displaying Strong Acceptor Behavior. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8582-8586.	7.2	13
110	Molecular anchoring stabilizes low valence Ni(<i>scp</i>)TPP on copper against thermally induced chemical changes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8876-8886.	2.7	13
111	PHOTOELECTRON DIFFRACTION STUDY OF THE (3Å–3)-Sn/Ge(111) STRUCTURE. <i>Surface Review and Letters</i> , 1999, 06, 1091-1096.	0.5	12
112	Correlation between Charge Transfer and Adsorption Site in CoPc Overlayers Adsorbed on Ag(100). <i>Journal of Physical Chemistry C</i> , 2015, 119, 23422-23429.	1.5	12
113	Bottom-up synthesis of nitrogen-containing graphene nanoribbons from the tetrabenzopentacene molecular motif. <i>Carbon</i> , 2020, 170, 677-684.	5.4	12
114	Clarifying the Adsorption of Triphenylamine on Au(111): Filling the HOMOâ€LUMO Gap. <i>Journal of Physical Chemistry C</i> , 2022, 126, 1635-1643.	1.5	12
115	Lead Phthalocyanine Films by Near Edge X-ray Absorption Fine Structure Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12467-12471.	1.5	11
116	Aminoâ€carboxylic recognition on surfaces: from 2D to 2D + 1 nano-architectures. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 13154.	1.3	11
117	Densely Packed Perylene Layers on the Rutile TiO ₂ (110)-(1 Å– 1) Surface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 7809-7816.	1.5	11
118	Pseudomorphic to orthomorphous growth of Fe films onCu ₃ Au(001). <i>Physical Review B</i> , 2002, 66, .	1.1	10
119	Structure and magnetism of Fe/Cu() thin films. <i>Surface Science</i> , 2002, 507-510, 324-329.	0.8	10
120	Study of the isotropic contribution to the analysis of photoelectron diffraction experiments at the ALOISA beamline. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 127, 85-92.	0.8	10
121	Surface and electronic properties of the Mn:Ge(111) interface at the early stages of growth. <i>Surface Science</i> , 2006, 600, 4369-4374.	0.8	10
122	Defects at the TiO ₂ (100) surface probed by resonant photoelectron diffraction. <i>Surface Science</i> , 2007, 601, 3952-3955.	0.8	10
123	Structure and Energy Level Alignment of Tetramethyl Benzenediamine on Au(111). <i>Journal of Physical Chemistry C</i> , 2011, 115, 12625-12630.	1.5	10
124	Energy-Level Alignment of a Hole-Transport Organic Layer and ITO: Toward Applications for Organic Electronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30992-31004.	4.0	10
125	Reversible redox reactions in metal-supported porphyrin: the role of spin and oxidation state. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12559-12565.	2.7	10
126	Deciphering Electron Interplay at the Fullerene/Sputtered TiO _x Interface: A Barrier-Free Electron Extraction for Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19460-19466.	4.0	10

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127	Combined photoelectron and X-ray diffraction from ultrathin Fe films on Cu ₃ Au(001). <i>Applied Surface Science</i> , 2000, 162-163, 340-345.	3.1	9
128	Molecular orientation of C60 on Pt(111) determined by X-ray photoelectron diffraction. <i>Applied Surface Science</i> , 2003, 212-213, 57-61.	3.1	9
129	Direct observation of both contact and remote oxygen scavenging of GeO ₂ in a metal-oxide-semiconductor stack. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	9
130	Additive Driven Increase in Donor–Acceptor Copolymer Coupling Studied by X-ray Resonant Photoemission. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25187-25194.	1.5	9
131	Fluorination of vertically aligned carbon nanotubes: from CF ₄ plasma chemistry to surface functionalization. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1723-1733.	1.5	9
132	Tailoring surface-supported water–melamine complexes by cooperative H-bonding interactions. <i>Nanoscale Advances</i> , 2021, 3, 2359-2365.	2.2	9
133	Identification of Topotactic Surface–Confined Ullmann–Polymerization. <i>Small</i> , 2021, 17, e2103044.	5.2	9
134	Molecular orientation of CN adsorbed on Pd(110). <i>Journal of Chemical Physics</i> , 2003, 118, 10735-10740.	1.2	8
135	Surfactant effect and dissolution of ultrathin Fe films on Ag(001). <i>Physical Review B</i> , 2004, 70, .	1.1	8
136	Local order and hybridization effects for Mn ions probed by resonant soft x-ray spectroscopies: The Mn: CdTe(110) interface revisited. <i>Physical Review B</i> , 2010, 81, .	1.1	8
137	Role of the Anchored Groups in the Bonding and Self-Organization of Macrocycles: Carboxylic versus Pyrrole Groups. <i>Journal of Physical Chemistry C</i> , 2013, 117, 7661-7668.	1.5	8
138	Ligand-Field Strength and Symmetry-Restricted Covalency in CuII Complexes - a Near-Edge X-ray Absorption Fine Structure Spectroscopy and Time-Dependent DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2707-2713.	1.0	8
139	Chemistry of the Methylamine Termination at a Gold Surface: From Autorecognition to Condensation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6104-6115.	1.5	8
140	Molecular-Level Realignment in Donor–Acceptor Bilayer Blends on Metals. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5997-6005.	1.5	8
141	Lattice Mismatch Drives Spatial Modulation of Corannulene Tilt on Ag(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 10365-10376.	1.5	8
142	2D Cu-TCNQ Metal–Organic Networks Induced by Surface Alloying. <i>Journal of Physical Chemistry C</i> , 2020, 124, 416-424.	1.5	8
143	Out-of-Plane Metal Coordination for a True Solvent-Free Building with Molecular Bricks: Dodging the Surface Ligand Effect for On-Surface Vacuum Self-Assembly. <i>Advanced Functional Materials</i> , 2021, 31, 2011008.	7.8	8
144	Local coordination of Mn atoms at the Mn:Ge(111) interface from photoelectron diffraction experiments. <i>Physical Review B</i> , 2008, 77, .	1.1	7

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145	A Ru–Ru pair housed in ruthenium phthalocyanine: the role of a “cage” architecture in the molecule coupling with the Ag(111) surface. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1449-1457.	1.3	7
146	On–Surface Bottom–Up Synthesis of Azine Derivatives Displaying Strong Acceptor Behavior. <i>Angewandte Chemie</i> , 2018, 130, 8718-8722.	1.6	7
147	Vibronic Fingerprints of the Nickel Oxidation States in Surface-Supported Porphyrin Arrays. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6297-6303.	1.5	7
148	Digging Ti interstitials at the r-TiO ₂ (1 1 0) surface: Mechanism of porphyrin Ti sequestration by iminic N nucleophilic attack. <i>Applied Surface Science</i> , 2021, 564, 150403.	3.1	7
149	Surface and bulk contributions in magnetic linear dichroism in the angular dependence from ferromagnetic transition metals. <i>Physical Review B</i> , 2002, 66, .	1.1	6
150	EPITAXY OF ULTRATHIN CoO FILMS STUDIED BY XPD AND GIXRD. <i>Surface Review and Letters</i> , 2002, 09, 937-941.	0.5	6
151	Structure of $\text{TiO}_2(011)$ revealed by photoelectron diffraction. <i>Physical Review B</i> , 2016, 94, .		
152	On-surface trapping of alkali atoms by crown ethers in ultra high vacuum. <i>Nanoscale Advances</i> , 2019, 1, 1721-1725.	2.2	6
153	Spin state, electronic structure and bonding on C-scorpionate [Fe(II)Cl ₂ (tpm)] catalyst: An experimental and computational study. <i>Catalysis Today</i> , 2020, 358, 403-411.	2.2	6
154	Substitution of Titanium for Magnesium Ions at the Surface of Mg-Doped Rutile. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11490-11498.	1.5	6
155	A Brillouin light scattering study of the elastic properties of superlattices grown by chemical beam epitaxy. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 2265-2272.	0.7	5
156	Impact of bulk reduction on TiO ₂ (100)/K. <i>Surface Science</i> , 2004, 566-568, 921-925.	0.8	5
157	Resonant valence-band photoemission spectroscopy on the Fe ₆₂ Ni ₂₀ Cr ₁₈ alloy. <i>European Physical Journal B</i> , 2005, 43, 463-470.	0.6	5
158	Electronic properties of a pure and sodium-doped C70 single layer adsorbed on Al polycrystalline surface. <i>Journal of Chemical Physics</i> , 2005, 122, 054704.	1.2	5
159	Unexpected length dependence of excited-state charge transfer dynamics for surface-confined perylene diimide ensembles. <i>Materials Horizons</i> , 2017, 4, 437-441.	6.4	5
160	Decoding the structure of interfaces and impurities in 2D materials by photoelectron holography. <i>2D Materials</i> , 2019, 6, 045046.	2.0	5
161	Increase of Polymerization Yield on Titania by Surface Reduction. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16918-16925.	1.5	5
162	Distortion-driven spin switching in electron-doped metal porphyrins. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9748-9757.	2.7	5

#	ARTICLE	IF	CITATIONS
163	Metallic phases of a C70 single layer adsorbed on Cu(111) doped with sodium. <i>Surface Science</i> , 2003, 532-535, 892-897.	0.8	4
164	XPS and STM study of Mn incorporation on the GaAs(001) surface. <i>Superlattices and Microstructures</i> , 2009, 46, 258-265.	1.4	4
165	Functional K-doping of eumelanin thin films: Density functional theory and soft x-ray spectroscopy experiments in the frame of the macrocyclic protomolecule model. <i>Journal of Chemical Physics</i> , 2012, 136, 204703.	1.2	4
166	Resonant Photoelectron Diffraction. <i>Springer Series in Surface Sciences</i> , 2013, , 217-247.	0.3	4
167	Mn-Cu Transmetalation as a Strategy for the Assembly of Decoupled Metal-Organic Networks on Sn/Cu(001) Surface Alloys. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18993-19002.	1.5	4
168	Methylamine terminated molecules on Ni(1 1 1): A path to low temperature synthesis of nitrogen-doped graphene. <i>FlatChem</i> , 2020, 24, 100205.	2.8	4
169	Self-metalation of porphyrins at the solid-gas interface. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25988-25993.	7.2	4
170	Insight into intramolecular chemical structure modifications by on-surface reaction using photoemission tomography. <i>Chemical Communications</i> , 2021, 57, 3050-3053.	2.2	4
171	The Magnetic Behaviour of CoTPP Supported on Coinage Metal Surfaces in the Presence of Small Molecules: A Molecular Cluster Study of the Surface trans-Effect. <i>Nanomaterials</i> , 2022, 12, 218.	1.9	4
172	Disproportionation of Nitric Oxide at a Surface-Bound Nickel Porphyrinoid. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	4
173	On surface chemical reactions of free-base and titanyl porphyrins with r-TiO ₂ (110): a unified picture. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 12719-12744.	1.3	4
174	Electronic properties of the Mn-CdTe(110) interface probed by resonant photoemission at the Mn 2p ^{3d} absorption threshold. <i>Surface Science</i> , 2004, 566-568, 508-514.	0.8	3
175	Tracking the excitation dynamics in the Mn:Ge(111) metallic interface by resonant electron spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 235502.	0.7	3
176	Why a Good Catalyst Can Turn Out Detrimental to Good Polymerization. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5066-5075.	1.5	3
177	Ordered assembly of non-planar vanadyl-tetraphenylporphyrins on ultra-thin iron oxide. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 17077-17087.	1.3	3
178	X-Ray Photoelectron Spectroscopic Investigation of the GaAs Nitridation Mechanism with an ECR Plasma Source. <i>Physica Status Solidi A</i> , 1999, 176, 671-676.	1.7	2
179	Structure modulated LMDAD effects in BCC-Fe vs. RCP-Fe. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 233, 123-126.	1.0	2
180	Early stages of formation of the Ag-Ni(111) interface studied by grazing incidence x-ray diffraction and x-ray photoelectron diffraction. <i>Physical Review B</i> , 2011, 84, .	1.1	2

#	ARTICLE	IF	CITATIONS
181	Characterization of early growth stages of Pb/Ge(001). Surface Science, 2014, 630, 260-264.	0.8	2
182	Time resolved resonant photoemission study of energy level alignment at donor/acceptor interfaces. Chemical Physics Letters, 2017, 683, 135-139.	1.2	2
183	Role of the Metal Surface on the Room Temperature Activation of the Alcohol and Amino Groups of <i>p</i> -Aminophenol. Journal of Physical Chemistry C, 2020, 124, 19655-19665.	1.5	2
184	Pump-Probe X-ray Photoemission Reveals Light-Induced Carrier Accumulation in Organic Heterojunctions. Journal of Physical Chemistry C, 2020, 124, 26603-26612.	1.5	2
185	On-Surface Synthesis of Boroxine-Based Molecules. Chemistry, 2021, 3, 1401-1410.	0.9	2
186	Adsorption of Glutamic acid on clean and hydroxylated rutile TiO ₂ (110): an XPS and NEXAFS investigation. Journal of Physics Condensed Matter, 2022, , .	0.7	2
187	Keto-enol tautomerization drives the self-assembly of leucoquinizarin on Au(111). Chemical Communications, 2020, 56, 2833-2836.	2.2	1
188	Surface vs. bulk magnetic properties of Co/Fe(001) and Fe/Co/Fe(001) as probed by linear magnetic dichroism in photoemission. Physica B: Condensed Matter, 2002, 320, 210-212.	1.3	0
189	Fe nanoparticles on ZnSe: Reversible temperature dependence of the surface barrier potential. Physical Review B, 2012, 85, .	1.1	0
190	Decacyclene Trianhydride at Functional Interfaces: An Ideal Electron Acceptor Material for Organic Electronics. Journal of Physical Chemistry Letters, 2016, 7, 90-95.	2.1	0
191	Flexible NO ₂ -Functionalized N-Heterocyclic Carbene Monolayers on Au(111) Surface. Chemistry - A European Journal, 2019, 25, 15009-15009.	1.7	0
192	Self-metalation of porphyrins at the solid-gas interface. Angewandte Chemie, 0, , .	1.6	0
193	Advanced Nanotechnologies for Multivariate Sensor Fabrication. NATO Science for Peace and Security Series B: Physics and Biophysics, 2020, , 97-108.	0.2	0
194	Disproportionation of Nitric Oxide at a Surface-Bound Nickel Porphyrinoid. Angewandte Chemie, 0, , .	1.6	0