

Alberto Verdini

List of Publications by Year in descending order

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papers

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all docs

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.	12.6	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.	7.8	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.	14.6	190
4	Defect States at the TiO ₂ /Tj ETQqO O O rgBT /Overlock 10 Tf 50 617 Td (stretchy="false")</m>		
5	Physical Review Letters, 2008, 100, 055501. Performance of the grating-crystal monochromator of the ALOISA beamline at the Elettra Synchrotron. <i>Review of Scientific Instruments</i> , 1999, 70, 3855-3864.	1.3	175
6	Periodic Arrays of Cu-Phthalocyanine Chains on Au(110). <i>Journal of Physical Chemistry C</i> , 2008, 112, 10794-10802.	3.1	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.	27.5	131
8	Site-specific electronic and geometric interface structure of Co-tetraphenyl-porphyrin layers on Ag(111). <i>Physical Review B</i> , 2010, 81, .	3.2	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.	2.6	112
10	Quantifying through-space charge transfer dynamics in ĩ-coupled molecular systems. <i>Nature Communications</i> , 2012, 3, 1086.	12.8	108
11	Relating Energy Level Alignment and Amine-Linked Single Molecule Junction Conductance. <i>Nano Letters</i> , 2010, 10, 2470-2474.	9.1	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.	3.1	91
13	Mechanistic Picture and Kinetic Analysis of Surface-Confined Ullmann Polymerization. <i>Journal of the American Chemical Society</i> , 2016, 138, 16696-16702.	13.7	81
14	Understanding Energy-Level Alignment in Donor-Acceptor/Metal Interfaces from Core-Level Shifts. <i>ACS Nano</i> , 2013, 7, 6914-6920.	14.6	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.	3.1	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")</m>	7.8	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.	3.1	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.	14.6	63

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19	Anisotropic Ordered Planar Growth of Γ_6 -Sexithienyl Thin Films. <i>Journal of Physical Chemistry B</i> , 1999, 103, 7788-7795.	2.6	62
20	Supramolecular Engineering through Temperature-Induced Chemical Modification of Γ_6 -Tetraphenylporphyrin on Ag(111): Flat Phenyl Conformation and Possible Dehydrogenation Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 14354-14359.	3.3	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, .	3.2	55
22	The role of halogens in on-surface Ullmann polymerization. <i>Faraday Discussions</i> , 2017, 204, 453-469.	3.2	54
23	Customized Electronic Coupling in Self-Assembled Donor-Acceptor Nanostructures. <i>Advanced Functional Materials</i> , 2009, 19, 3567-3573.	14.9	52
24	Pentacene Nanorails on Au(110). <i>Langmuir</i> , 2008, 24, 767-772.	3.5	48
25	Atomically Resolved Images from Near Node Photoelectron Holography Experiments on Al(111). <i>Physical Review Letters</i> , 2001, 86, 2337-2340.	7.8	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.	1.9	44
27	Donor-Acceptor Shape Matching Drives Performance in Photovoltaics. <i>Advanced Energy Materials</i> , 2013, 3, 894-902.	19.5	43
28	Photoelectron-Auger electron coincidence study for condensed matter. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004, 141, 149-159.	1.7	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.	13.7	41
30	Interaction of l-cysteine with naked gold nanoparticles supported on HOPG: a high resolution XPS investigation. <i>Nanoscale</i> , 2012, 4, 7727.	5.6	41
31	Electronic and Geometric Characterization of the l-Cysteine Paired-Row Phase on Au(110). <i>Langmuir</i> , 2006, 22, 11193-11198.	3.5	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, .	3.2	40
33	Planar Growth of Pentacene on the Dielectric TiO ₂ (110) Surface. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4664-4672.	3.1	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.	13.7	39
35	Flexible NO ₂ -Functionalized N-Heterocyclic Carbene Monolayers on Au (111) Surface. <i>Chemistry - A European Journal</i> , 2019, 25, 15067-15072.	3.3	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, .	3.2	38

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37	Spectroscopic Fingerprints of Work-Function-Controlled Phthalocyanine Charging on Metal Surfaces. ACS Nano, 2014, 8, 12786-12795.	14.6	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.	3.1	36
39	On-surface synthesis of a 2D boroxine framework: a route to a novel 2D material?. Chemical Communications, 2018, 54, 3971-3973.	4.1	36
40	Characterization of hydroxyl groups on water-reactedSi synchrotron radiation O1 Physical Review B, 2007, 76, .	3.2	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.	3.1	35
42	Stereoselective Photopolymerization of Tetraphenylporphyrin Derivatives on Ag(110) at the Sub-Monolayer Level. Chemistry - A European Journal, 2014, 20, 14296-14304.	3.3	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, .	3.2	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.	4.6	33
45	Tailoring SAM-on-SAM Formation. Journal of Physical Chemistry Letters, 2011, 2, 3124-3129.	4.6	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.	3.1	32
47	On-surface nickel porphyrin mimics the reactive center of an enzyme cofactor. Chemical Communications, 2018, 54, 13423-13426.	4.1	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.	8.3	31
49	Phase Diagram of Pentacene Growth on Au(110). Journal of Physical Chemistry B, 2006, 110, 4908-4913.	2.6	31
50	Changes of the Molecule-Substrate Interaction upon Metal Inclusion into a Porphyrin. Chemistry - A European Journal, 2012, 18, 12619-12623.	3.3	30
51	Trapping of Charged Gold Adatoms by Dimethyl Sulfoxide on a Gold Surface. ACS Nano, 2015, 9, 8697-8709.	14.6	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.	3.1	29
53	Hydrogen capture by porphyrins at the TiO ₂ (110) surface. Physical Chemistry Chemical Physics, 2015, 17, 30119-30124.	2.8	29
54	Identifying site-dependent reactivity in oxidation reactions on single Pt particles. Chemical Science, 2018, 9, 6523-6531.	7.4	29

#	ARTICLE	IF	CITATIONS
55	Massive Surface Reshaping Mediated by Metal-Organic Complexes. Journal of Physical Chemistry C, 2014, 118, 29704-29712.	3.1	28
56	High resolution NEXAFS of perylene and PTCDI: a surface science approach to molecular orbital analysis. Physical Chemistry Chemical Physics, 2014, 16, 14834.	2.8	28
57	Enhanced ambient stability of exfoliated black phosphorus by passivation with nickel nanoparticles. Nanotechnology, 2020, 31, 275708.	2.6	28
58	Growth, structure and epitaxy of ultrathin NiO films on Ag(001). Thin Solid Films, 2001, 400, 139-143.	1.8	27
59	Order-disorder character of the $(3\sqrt{3}\times 3\sqrt{3})R30^\circ$ phase transition of Sn on Ge(111). Physical Review B, 2001, 64, .	3.2	27
60	Determination of the $(3\sqrt{3}\times 3\sqrt{3})$ Sn/Ge(111) structure by photoelectron diffraction. Physical Review B, 2001, 63, .	3.2	26
61	Molecular orientations, electronic properties and charge transfer timescale in a Zn-porphyrin/C70 donor-acceptor complex for solar cells. Surface Science, 2006, 600, 4018-4023.	1.9	26
62	Comment on "Local Methylthiolate Adsorption Geometry on Au(111) from Photoemission Core-Level Shifts". Physical Review Letters, 2009, 103, 119601; author reply 119602.	7.8	26
63	Weakly Interacting Molecular Layer of Spinning C_{60} Molecules on TiO_2 (110) Surfaces. Chemistry - A European Journal, 2012, 18, 7382-7387.	3.3	26
64	On-Surface Synthesis of a Pure and Long-Range-Ordered Titanium(IV)-Porphyrin Contact Layer on Titanium Dioxide. Journal of Physical Chemistry C, 2017, 121, 13738-13746.	3.1	26
65	ANCHOR-SUNDYDYN: A novel endstation for time resolved spectroscopy at the ALOISA beamline. Journal of Electron Spectroscopy and Related Phenomena, 2018, 229, 7-12.	1.7	26
66	Strong Metal-Adsorbate Interactions Increase the Reactivity and Decrease the Orientational Order of OH-Functionalized N-Heterocyclic Carbene Monolayers. Langmuir, 2020, 36, 697-703.	3.5	26
67	Characterization of benzenethiolate self-assembled monolayer on Cu(100) by XPS and NEXAFS. Journal of Electron Spectroscopy and Related Phenomena, 2009, 172, 64-68.	1.7	25
68	Supramolecular Environment-Dependent Electronic Properties of Metal-Organic Interfaces.. Journal of Physical Chemistry C, 2012, 116, 4780-4785.	3.1	25
69	Distinct behavior of localized and delocalized carriers in anatase TiO_2 (001) during reaction with O_2 . Physical Review Materials, 2020, 4, .	2.4	25
70	Substrate Influence for the Zn-tetraphenylporphyrin Adsorption Geometry and the Interface-Induced Electron Transfer. ChemPhysChem, 2010, 11, 2248-2255.	2.1	24
71	Morphological and mechanical properties of alkanethiol self-assembled monolayers investigated via bimodal atomic force microscopy. Chemical Communications, 2011, 47, 8823.	4.1	23
72	Surface to bulk charge transfer at an alkali metal/metal oxide interface. Surface Science, 2003, 547, L859-L864.	1.9	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.	3.1	21
74	Cobalt atoms drive the anchoring of Co-TPP molecules to the oxygen-passivated Fe(O ⁻) surface. Applied Surface Science, 2020, 505, 144213.	6.1	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, .	3.2	20
76	TiO ₂ (110) Charge Donation to an Extended π -Conjugated Molecule. Journal of Physical Chemistry Letters, 2015, 6, 308-313.	4.6	20
77	Effects of Titanium Layer Oxygen Scavenging on the High- <i>k</i> /InGaAs Interface. ACS Applied Materials & Interfaces, 2016, 8, 16979-16984.	8.0	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.	3.1	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.	14.6	19
80	Evaluation of molecular orbital symmetry via oxygen-induced charge transfer quenching at a metal-organic interface. Applied Surface Science, 2020, 504, 144343.	6.1	19
81	Room-Temperature On-Off Spin-Switching and Tuning in a Porphyrin-Based Multifunctional Interface. Small, 2021, 17, e2104779.	10.0	19
82	Water Formation for the Metalation of Porphyrin Molecules on Oxidized Cu(111). Chemistry - A European Journal, 2016, 22, 14672-14677.	3.3	18
83	Electronic properties of the boroxine-gold interface: evidence of ultra-fast charge delocalization. Chemical Science, 2017, 8, 3789-3798.	7.4	18
84	Picosecond timescale tracking of pentacene triplet excitons with chemical sensitivity. Communications Physics, 2019, 2, .	5.3	18
85	Influence of N-Substituents on the Adsorption Geometry of OH-Functionalized Chiral N-Heterocyclic Carbenes. Langmuir, 2021, 37, 10029-10035.	3.5	18
86	Chemistry and temperature-assisted dehydrogenation of C ₆₀ H ₃₀ molecules on TiO ₂ (110) surfaces. Nanoscale, 2013, 5, 11058.	5.6	17
87	Chemisorption of Pentacene on Pt(111) with a Little Molecular Distortion. Journal of Physical Chemistry C, 2017, 121, 22797-22805.	3.1	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	6.1	17
89	Intra-atomic versus interatomic process in resonant Auger spectra at the TiL ₂₃ edges in rutile. Physical Review B, 2001, 64, .	3.2	16
90	C ₇₀ adsorbed on Cu(111): Metallic character and molecular orientation. Journal of Chemical Physics, 2002, 116, 7685-7690.	3.0	16

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91	Polymerization effects and localized electronic states in condensed-phase eumelanin. <i>Physical Review B</i> , 2009, 80, .	3.2	16
92	Controlling Carboxyl Deprotonation on Cu(001) by Surface Sn Alloying. <i>Journal of Physical Chemistry C</i> , 2013, 117, 17058-17065.	3.1	16
93	Ultrafast Charge Transfer Pathways Through A Prototype Amino-Carboxylic Molecular Junction. <i>Nano Letters</i> , 2016, 16, 1955-1959.	9.1	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.	6.1	16
95	Ferrous to Ferric Transition in Fe-Phthalocyanine Driven by NO ₂ Exposure. <i>Chemistry - A European Journal</i> , 2021, 27, 3526-3535.	3.3	16
96	Copper-assisted oxidation of catechols into quinone derivatives. <i>Chemical Science</i> , 2021, 12, 2257-2267.	7.4	16
97	Coordinated H-Bonding between Porphyrins on Metal Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 15378-15384.	3.1	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.	3.1	15
99	Very high temperature tiling of tetraphenylporphyrin on rutile TiO ₂ (110). <i>Nanoscale</i> , 2017, 9, 11694-11704.	5.6	15
100	DETERMINATION OF TiO ₂ (110) SURFACE RELAXATION BY VARIABLE POLARIZATION PHOTOELECTRON DIFFRACTION. <i>Surface Review and Letters</i> , 1999, 06, 1201-1206.	1.1	14
101	Effects of Potassium on the Supramolecular Structure and Electronic Properties of Eumelanin Thin Films. <i>Langmuir</i> , 2010, 26, 19007-19013.	3.5	14
102	A competitive amino-carboxylic hydrogen bond on a gold surface. <i>Chemical Communications</i> , 2015, 51, 5739-5742.	4.1	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.	2.8	14
104	Magnetic properties of on-surface synthesized single-ion molecular magnets. <i>RSC Advances</i> , 2019, 9, 34421-34429.	3.6	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 onCu ₃ Au(001). <i>Physical Review B</i> , 2002, 65, .	3.2	13
107	Resonant photoelectron and photoelectron diffraction across theFe _{L3} edge ofFe ₃ O ₄ . <i>Physical Review B</i> , 2010, 81, .	3.2	13
108	Length-independent Charge Transport in Chimeric Molecular Wires. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14267-14271.	13.8	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.	13.8	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.	5.5	13
111	PHOTOELECTRON DIFFRACTION STUDY OF THE (3Å–3)-Sn/Ge(111) STRUCTURE. <i>Surface Review and Letters</i> , 1999, 06, 1091-1096.	1.1	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.	3.1	12
113	Bottom-up synthesis of nitrogen-containing graphene nanoribbons from the tetrabenzopentacene molecular motif. <i>Carbon</i> , 2020, 170, 677-684.	10.3	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.	3.1	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.	3.1	11
116	Aminoâ€carboxylic recognition on surfaces: from 2D to 2D + 1 nano-architectures. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 13154.	2.8	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.	3.1	11
118	Pseudomorphic to orthomorphous growth of Fe films onCu ₃ Au(001). <i>Physical Review B</i> , 2002, 66, .	3.2	10
119	Structure and magnetism of Fe/Cu() thin films. <i>Surface Science</i> , 2002, 507-510, 324-329.	1.9	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.	1.7	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.	1.9	10
122	Defects at the TiO ₂ (100) surface probed by resonant photoelectron diffraction. <i>Surface Science</i> , 2007, 601, 3952-3955.	1.9	10
123	Structure and Energy Level Alignment of Tetramethyl Benzenediamine on Au(111). <i>Journal of Physical Chemistry C</i> , 2011, 115, 12625-12630.	3.1	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.	8.0	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.	5.5	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.	8.0	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.	6.1	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.	6.1	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, .	2.5	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.	3.1	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.	2.8	9
132	Tailoring surface-supported water–melamine complexes by cooperative H-bonding interactions. <i>Nanoscale Advances</i> , 2021, 3, 2359-2365.	4.6	9
133	Identification of Topotactic Surface–Confined Ullmann–Polymerization. <i>Small</i> , 2021, 17, e2103044.	10.0	9
134	Molecular orientation of CN adsorbed on Pd(110). <i>Journal of Chemical Physics</i> , 2003, 118, 10735-10740.	3.0	8
135	Surfactant effect and dissolution of ultrathin Fe films on Ag(001). <i>Physical Review B</i> , 2004, 70, .	3.2	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, .	3.2	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.	3.1	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.	2.0	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.	3.1	8
140	Molecular-Level Realignment in Donor–Acceptor Bilayer Blends on Metals. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5997-6005.	3.1	8
141	Lattice Mismatch Drives Spatial Modulation of Corannulene Tilt on Ag(111). <i>Journal of Physical Chemistry C</i> , 2018, 122, 10365-10376.	3.1	8
142	2D Cu-TCNQ Metal–Organic Networks Induced by Surface Alloying. <i>Journal of Physical Chemistry C</i> , 2020, 124, 416-424.	3.1	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.	14.9	8
144	Local coordination of Mn atoms at the Mn:Ge(111) interface from photoelectron diffraction experiments. <i>Physical Review B</i> , 2008, 77, .	3.2	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.	2.8	7
146	On–Surface Bottom–Up Synthesis of Azine Derivatives Displaying Strong Acceptor Behavior. <i>Angewandte Chemie</i> , 2018, 130, 8718-8722.	2.0	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.	3.1	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.	6.1	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, .	3.2	6
150	EPITAXY OF ULTRATHIN CoO FILMS STUDIED BY XPD AND GIXRD. <i>Surface Review and Letters</i> , 2002, 09, 937-941.	1.1	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.	4.6	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.	4.4	6
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