Maria Grazia Betti

List of Publications by Year
in descending order

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175 papers	3,601 citations	147726 31 h-index	189801 50 g-index
178 all docs	178 docs citations	178 times ranked	3742 citing authors

#	Article	IF	Citations
1	An Advanced Lithium-Ion Battery Based on a Graphene Anode and a Lithium Iron Phosphate Cathode. Nano Letters, 2014, 14, 4901-4906.	4.5	402
2	Mixing of Electronic States in Pentacene Adsorption on Copper. Physical Review Letters, 2007, 99, 046802.	2.9	132
3	Localized and Dispersive Electronic States at Ordered FePc and CoPc Chains on Au(110). Journal of Physical Chemistry C, 2010, 114, 21638-21644.	1.5	91
4	Metal-phthalocyanine chains on the Au(110) surface: Interaction states versus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-metal states occupancy. Physical Review B, 2010, 81, .	1.1	90
5	Neutrino physics with the PTOLEMY project: active neutrino properties and the light sterile case. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 047-047.	1.9	85
6	Core-shell photoabsorption and photoelectron spectra of gas-phase pentacene: Experiment and theory. Journal of Chemical Physics, 2005, 122, 124305.	1.2	83
7	Graphene-Induced Substrate Decoupling and Ideal Doping of a Self-Assembled Iron-phthalocyanine Single Layer. Journal of Physical Chemistry C, 2013, 117, 3019-3027.	1.5	71
8	Spin and orbital configuration of metal phthalocyanine chains assembled on the Au(110) surface. Physical Review B, 2013, 87, .	1.1	67
9	Barrier Formation at Organic Interfaces in a Cu(100)-benzenethiolate-pentacene Heterostructure. Physical Review Letters, 2008, 100, 027601.	2.9	66
10	Electronic states of CuPc chains on the Au(110) surface. Journal of Chemical Physics, 2009, 131, 174710.	1.2	58
11	Surface-Assisted Reactions toward Formation of Graphene Nanoribbons on Au(110) Surface. Journal of Physical Chemistry C, 2015, 119, 2427-2437.	1.5	57
12	Pentacene self-aggregation at the Au(110)-(1Ã—2) surface: growth morphology and interface electronic states. Thin Solid Films, 2003, 428, 227-231.	0.8	49
13	Long-range-ordered pentacene chains assembled on the Cu(119) vicinal surface. Physical Review B, 2005, 72, .	1.1	49
14	Growth morphology and electronic structure of 2D ordered pentacene on the Au()-(1Ã—2) surface. Surface Science, 2003, 532-535, 249-254.	0.8	46
15	Density of states of a two-dimensional electron gas at semiconductor surfaces. Physical Review B, 2001, 63, .	1.1	45
16	Dynamics-Induced Surface Metallization of Si(100). Physical Review Letters, 1996, 77, 3869-3872.	2.9	44
17	Energetics and Hierarchical Interactions of Metalâ€“Phthalocyanines Adsorbed on Graphene/Ir(111). Langmuir, 2013, 29, 10440-10447.	1.6	43
18	Metal-phthalocyanine ordered layers on Au(110): Metal-dependent adsorption energy. Journal of Chemical Physics, 2014, 140, 244704.	1.2	43

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19	CuPc molecules adsorbed on Au(110)-(1Ã—2): growth morphology and evolution of valence band states. Surface Science, 2003, 531, 123-130.	0.8	42
20	Electronic structure of graphene/Co interfaces. Physical Review B, 2014, 90, .	1.1	41
21	Topology and doping effects in three-dimensional nanoporous graphene. Carbon, 2018, 131, 258-265.	5.4	41
22	Adsorption of pentacene on filled d-band metal surfaces: Long-range ordering and adsorption energy. Journal of Chemical Physics, 2006, 124, 154702.	1.2	38
23	Filling empty states in a CuPc single layer on the Au(110) surface via electron injection. Physical Review B, 2009, 79, .	1.1	38
24	Molecule-Driven Substrate Reconstruction in the Two-Dimensional Self-Organization of Fe-Phthalocyanines on Au(110). Journal of Physical Chemistry C, 2012, 116, 6251-6258.	1.5	38
25	Cu(100) surface:â€‚â€‚High-resolution experimental and theoretical band mapping. Physical Review B, 2003, 68, .	1.1	37
26	Moleculeâ€“metal interaction of pentacene on copper vicinal surfaces. Surface Science, 2007, 601, 2603-2606.	0.8	37
27	Ferromagnetic and Antiferromagnetic Coupling of Spin Molecular Interfaces with High Thermal Stability. Nano Letters, 2018, 18, 2268-2273.	4.5	35
28	Copper-phthalocyanine ultra thin films grown onto Al(1 0 0) surface investigated by synchrotron radiation. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 165-169.	0.8	34
29	Electronic States of a Single Layer of Pentacene:â€‰ Standing-Up and Flat-Lying Configurations. Journal of Physical Chemistry A, 2007, 111, 12454-12457.	1.1	33
30	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
31	Metal-phthalocyanine array on the moirÃ© pattern of a graphene sheet. Journal of Nanoparticle Research, 2011, 13, 6013-6020.	0.8	33
32	Two-Dimensional Hallmark of Highly Interconnected Three-Dimensional Nanoporous Graphene. ACS Omega, 2017, 2, 3691-3697.	1.6	32
33	Collective and vibrational excitations on then-doped GaAs(110) surface. Physical Review B, 1989, 39, 5887-5891.	1.1	31
34	Self organization of pentacene grown on Cu(119). Surface Science, 2007, 601, 4242-4245.	0.8	31
35	Molecular gap and energy level diagram for pentacene adsorbed on filled d-band metal surfaces. Applied Physics Letters, 2006, 89, 152119.	1.5	30
36	Inelastic electron scattering investigation of the Sb/GaAs(110) system. Physical Review B, 1990, 41, 11978-11991.	1.1	29

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37	Pentacene Grown on Self-Assembled Monolayer:â€‰ Adsorption Energy, Interface Dipole, and Electronic Properties. Journal of Physical Chemistry C, 2007, 111, 286-293.	1.5	29
38	Electronic band states of long-range ordered aromatic thione molecules assembled on Cu(100). Physical Review B, 2002, 66, .	1.1	28
39	Azimuthal dependence of reflection high resolution electron energy loss of Si(111)(2Ã—1). Solid State Communications, 1986, 60, 337-341.	0.9	27
40	Evolution of one-dimensional Cs chains on InAs(110) as determined by scanning-tunneling microscopy and core-level spectroscopy. Surface Science, 2000, 447, 133-142.	0.8	27
41	Au(110) induced reconstruction by Ï€ conjugated molecules adsorption investigated by photoemission spectroscopy and low energy electron diffraction. Surface Science, 2004, 566-568, 79-83.	0.8	27
42	Control of Electron Injection Barrier by Electron Doping of Metal Phthalocyanines. Journal of Physical Chemistry C, 2010, 114, 12258-12264.	1.5	27
43	Coexistence of Negatively and Positively Buckled Isomers onn+-DopedSi(111)â˜2Ã—1. Physical Review Letters, 2011, 106, 067601.	2.9	27
44	Bismuth and antimony on GaAs(110): Dielectric and electronic properties. Physical Review B, 1992, 45, 14057-14064.	1.1	26
45	Symmetry lowering of pentacene molecular states interacting with a Cu surface. Physical Review B, 2007, 76, .	1.1	26
46	Structural Phases of Ordered FePc-Nanochains Self-Assembled on Au(110). Langmuir, 2012, 28, 13232-13240.	1.6	26
47	Azimuthal dependence of the electronic excitations in GaAs(110). Surface Science, 1988, 207, 133-141.	0.8	25
48	Quantum size effects and temperature dependence of low-energy electronic excitations in thin Bi crystals. Physical Review B, 1993, 48, 4767-4776.	1.1	25
49	Characterization of benzenethiolate self-assembled monolayer on Cu(100) by XPS and NEXAFS. Journal of Electron Spectroscopy and Related Phenomena, 2009, 172, 64-68.	0.8	25
50	Graphene-Induced Magnetic Anisotropy of a Two-Dimensional Iron Phthalocyanine Network. Journal of Physical Chemistry Letters, 2015, 6, 1690-1695.	2.1	25
51	FePc Adsorption on the MoirÃ© Superstructure of Graphene Intercalated with a Cobalt Layer. Journal of Physical Chemistry C, 2017, 121, 1639-1647.	1.5	25
52	Electrochemical characteristics of iron oxide nanowires during lithium-promoted conversion reaction. Journal of Power Sources, 2014, 256, 133-136.	4.0	24
53	Channelling and induced defects at ion-bombarded aligned multiwall carbon nanotubes. Carbon, 2018, 139, 768-775.	5.4	24
54	A design for an electromagnetic filter for precision energy measurements at the tritium endpoint. Progress in Particle and Nuclear Physics, 2019, 106, 120-131.	5.6	24

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55	Epitaxial continued-layer structure of Sb on GaAs(110) as observed by grazing-incidence x-ray diffraction. Physical Review B, 1994, 50, 14336-14339.	1.1	23
56	Interaction of iron phthalocyanine with the graphene/Ni(111) system. Beilstein Journal of Nanotechnology, 2014, 5, 308-312.	1.5	22
57	Cesium-induced electronic states and space-charge-layer formation in Cs/InSb(110) interface. Physical Review B, 1996, 53, 13605-13612.	1.1	21
58	HREELS study of the adsorption mechanism and orientational order of 2-mercaptobenzoxazole on Cu(100). Surface Science, 2003, 539, 63-71.	0.8	21
59	Chemical vapor deposition growth of boronâ€“carbonâ€“nitrogen layers from methylamine borane thermolysis products. Nanotechnology, 2018, 29, 025603.	1.3	21
60	Î±-Sn pseudomorphic growth on InSb (111) and () surfaces: a high-resolution photoemission study. Surface Science, 2000, 463, 174-182.	0.8	20
61	Formation of Hybrid Electronic States in FePc Chains Mediated by the Au(110) Surface. Journal of Physical Chemistry C, 2012, 116, 8657-8663.	1.5	20
62	Electronic structure of long-range ordered pentacene structures on the stepped Cu(119) surface. Surface Science, 2004, 566-568, 613-617.	0.8	18
63	Quasi-1D pentacene structures assembled on the vicinal Cu(119) surface. Surface Science, 2004, 566-568, 624-627.	0.8	18
64	L2,3absorption edges inNi2Si. Physical Review B, 1986, 34, 2875-2877.	1.1	17
65	Surface phonons and plasmons of GaAs(110) investigated by high resolution electron energy loss spectroscopy. Surface Science, 1989, 211-212, 557-564.	0.8	17
66	In-vacuum thermolysis of ethane 1,2-diamineborane for the synthesis of ternary borocarbonitrides. Nanotechnology, 2016, 27, 435601.	1.3	17
67	Azimuthal dependence of the vibrational excitation in Si(111)-(2Ã—1). Physical Review B, 1989, 39, 10380-10383.	1.1	16
68	Surface modification of InAs(110) surface by low energy ion sputtering. Surface Science, 1997, 391, 73-80.	0.8	16
69	The local adsorption geometry of benzenethiolate on Cu(100). Surface Science, 2008, 602, 2453-2462.	0.8	16
70	Molecular charge distribution and dispersion of electronic states in the contact layer between pentacene and Cu(119) and beyond. Physical Review B, 2008, 77, .	1.1	16
71	Electronic Structure Evolution during the Growth of Graphene Nanoribbons on Au(110). Journal of Physical Chemistry C, 2016, 120, 7323-7331.	1.5	16
72	Ultrathin Transparent Bâ€“Câ€“N Layers Grown on Titanium Substrates with Excellent Electrocatalytic Activity for the Oxygen Evolution Reaction. ACS Applied Energy Materials, 2020, 3, 1922-1932.	2.5	16

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73	Density of states of a two-dimensional electron gas measured by high-resolution photoelectron spectroscopy. Solid State Communications, 1999, 110, 661-666.	0.9	15
74	Growth of 2-mercaptobenzoxazole on Cu() surface: chemisorbed and physisorbed phases. Surface Science, 2002, 507-510, 7-11.	0.8	15
75	Insulating state of electron-doped Cu-phthalocyanine layers. Physical Review B, 2007, 76, .	1.1	15
76	Quasi-Two-Dimensional Electron Gas at Submonolayer Coverages of Cs on InSb(110). Europhysics Letters, 1995, 32, 235-240.	0.7	14
77	Deuterium Adsorption on Free-Standing Graphene. Nanomaterials, 2021, 11, 130.	1.9	14
78	Gap-state formation in two-dimensional ordered Bi layers on InAs(110). Physical Review B, 1998, 58, R4231-R4234.	1.1	13
79	Synthesis of Ternary Borocarbonitrides by High Temperature Pyrolysis of Ethane 1,2-Diamineborane. Materials, 2015, 8, 5974-5985.	1.3	13
80	Superexchange pathways stabilize the magnetic coupling of MnPc with Co in a spin interface mediated by graphene. Physical Review B, 2018, 98, .	1.1	13
81	Observation of a new mode in the energy-loss spectrum of the Sb/GaAs(110) system. Physical Review B, 1989, 40, 8095-8098.	1.1	12
82	Dynamics of the Si(100) surface. Surface Science, 1997, 377-379, 360-364.	0.8	12
83	(1Ã—2)Bi chain reconstruction on the InAs(110) surface. Physical Review B, 1999, 59, 15760-15765.	1.1	12
84	Adsorption sites at Cs nanowires grown on the InAs(110) surface. Surface Science, 2001, 477, 35-42.	0.8	12
85	Electronic structure of methanethiolate self-assembled on the Cu(100) surface. Surface Science, 2004, 566-568, 591-596.	0.8	12
86	Anchoring methane thiol on Cu(100) in different structural configurations: Electronic state dispersion. Physical Review B, 2006, 74, .	1.1	12
87	Towards free-standing graphane: atomic hydrogen and deuterium bonding to nano-porous graphene. Nanotechnology, 2021, 32, 035707.	1.3	12
88	Antimony-induced electronic states in the Sb/InP(110) interface studied by high-resolution electron-energy-loss spectroscopy. Physical Review B, 1991, 43, 14317-14320.	1.1	11
89	Bismuth on GaSb(110): Electronic and dielectric properties. Physical Review B, 1994, 49, 2911-2914.	1.1	11
90	High quality epitaxial graphene by hydrogen-etching of 3C-SiC(111) thin-film on Si(111). Nanotechnology, 2017, 28, 115601.	1.3	11

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91	Structural analysis of the (1Ã—1)-Bi/GaAs(110) interface. Physical Review B, 1994, 50, 8004-8007.	1.1	10
92	Surface electronic structure at Si(100)-(2x1). Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 541-545.	0.8	10
93	Overlayer growth and electronic properties of the Bi/GaSb(110) interface. Physical Review B, 1995, 51, 16822-16831.	1.1	10
94	Metal-induced gap states at InAs(110) surface. Surface Science, 2000, 454-456, 539-542.	0.8	10
95	Morphology of pentacene films deposited on Cu(119) vicinal surface. Applied Surface Science, 2006, 252, 5568-5571.	3.1	10
96	Nonenzymatic Ligation of an RNA Oligonucleotide Analyzed by Atomic Force Microscopy. Journal of Physical Chemistry B, 2011, 115, 6296-6303.	1.2	10
97	A fast synthesis route of boronâ€“carbonâ€“nitrogen ultrathin layers towards highly mixed ternary Bâ€“Câ€“N phases. 2D Materials, 2019, 6, 035015.	2.0	10
98	Effects of the annealing of amorphous Ta2O5 coatings produced by ion beam sputtering concerning the effusion of argon and the chemical composition. Journal of Non-Crystalline Solids, 2021, 557, 120651.	1.5	10
99	Atomic geometry and the probability distribution of self-assembled Cs nanowires at the InAs(110) surface. Physical Review B, 2002, 66, .	1.1	9
100	Self-assembling of potassium nanostructures on InAs(110) surface. Surface Science, 2003, 532-535, 666-670.	0.8	9
101	Carbon nanotubes as anisotropic target for dark matter. Journal of Physics: Conference Series, 2020, 1468, 012232.	0.3	9
102	Gap Opening in Double-Sided Highly Hydrogenated Free-Standing Graphene. Nano Letters, 2022, 22, 2971-2977.	4.5	9
103	Electron energy-loss spectroscopy of Ni2Si: Valence collective excitation and structural properties. Surface Science, 1986, 168, 204-211.	0.8	8
104	Electronic and vibrational properties of the K/GaAs system. Surface Science, 1989, 211-212, 659-665.	0.8	8
105	Space-charge layer, metallization, and collective excitations of the Bi/GaAs(110) interface. Physical Review B, 1994, 49, 8198-8205.	1.1	8
106	Graphene-mediated interaction between FePc and intercalated cobalt layers. Applied Surface Science, 2018, 432, 2-6.	3.1	8
107	Metal phthalocyanines interaction with Co mediated by a moirÃ© graphene superlattice. Journal of Chemical Physics, 2019, 150, 054704.	1.2	8
108	Tuning the Magnetic Coupling of a Molecular Spin Interface via Electron Doping. Nano Letters, 2021, 21, 666-672.	4.5	8

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109	Empty states investigation of Ni2Si by photon absorption spectroscopy. Physica Scripta, 1987, 36, 153-155.	1.2	7
110	HREELS investigation of clean and hydrogen-InP(110) surfaces. Vacuum, 1990, 41, 660-662.	1.6	7
111	Vibrational structure of Sb/III-V compound semiconductors interfaces. Journal of Electron Spectroscopy and Related Phenomena, 1990, 54-55, 1105-1114.	0.8	7
112	Inelastic-electron-scattering investigation of clean and hydrogen-exposed InP(110) surfaces. Physical Review B, 1991, 43, 9818-9822.	1.1	7
113	Electronic properties of (2 Ã— n)-Bi reconstructions on Si(100). Surface Science, 1997, 377-379, 215-219.	0.8	7
114	Antimony adsorption on InAs(110). Physical Review B, 1998, 57, 4544-4551.	1.1	7
115	Growth morphology and electronic properties of Sn deposited on different InSb surfaces. Surface Science, 1999, 433-435, 387-391.	0.8	7
116	Sn on InSb(100)â€“c(2Ã—8): growth morphology and electronic structure. Journal of Electron Spectroscopy and Related Phenomena, 2002, 127, 29-35.	0.8	7
117	Atomic topography and self-assembly of one-dimensional potassium chains on theInAs(110)surface. Physical Review B, 2004, 70, .	1.1	7
118	Thermal stability and reduction of iron oxide nanowires at moderate temperatures. Beilstein Journal of Nanotechnology, 2014, 5, 323-328.	1.5	7
119	Effect of substrate polishing on the growth of graphene on 3Câ€“SiC(111)/Si(111) by high temperature annealing. Nanotechnology, 2016, 27, 185601.	1.3	7
120	Antimony induced states in Sb/InP(110) and Sb/GaAs(110) interfaces studied by high resolution electron energy loss spectroscopy. Surface Science, 1991, 251-252, 209-212.	0.8	6
121	Cation surface excitons in Sb/III-V interfaces. Physical Review B, 1991, 43, 9070-9075.	1.1	6
122	Electronic properties of the Bi/Si(100) interface. Surface Science, 1998, 409, 207-212.	0.8	6
123	Potassium-doped FePc thin-film on metal surfaces: observation of different empty state occupation. Journal of Nanoparticle Research, 2011, 13, 5967-5973.	0.8	6
124	Orbital Symmetry of the Kondo State in Adsorbed FePc Molecules on the Au(110) Metal Surface. Journal of Physical Chemistry C, 2016, 120, 28527-28532.	1.5	6
125	A long-range ordered array of copper tetrameric units embedded in an on-surface metal organic framework. Journal of Chemical Physics, 2017, 147, 214706.	1.2	6
126	Narrowing of d bands of FeCo layers intercalated under graphene. Applied Physics Letters, 2021, 118, .	1.5	6

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127	Bi-induced electronic states at the interface with n- and p-type GaAs(110). Applied Surface Science, 1992, 56-58, 242-246.	3.1	5
128	Bismuth-induced electronic states at (2 Ã— 1)-Bi/III-V(110) interfaces. Surface Science, 1995, 331-333, 496-500.	0.8	5
129	A high-resolution spectroscopy study on bidimensional ordered structures: the (1 Ã— 1) and (1 Ã— 2) phases of Bi/InAs(110). Journal of Physics Condensed Matter, 1999, 11, 7447-7461.	0.7	5
130	Diffraction analysis of a disordered surface, modelled on a probability distribution of reconstructed blocks: ‚n= 6.45. Journal of Physics Condensed Matter, 1999, 11, 1935-1951.	0.7	5
131	The pseudomorphic growth of Î±-Sn on InSb(100): electronic structure and morphological properties. Surface Science, 2000, 454-456, 807-810.	0.8	5
132	Single-particle and collective excitations of a two-dimensional electron gas at the Cs/InAs(110) surface. Physical Review B, 2001, 64, .	1.1	5
133	Photoemission investigation of the alkali-metal-induced two-dimensional electron gas at theSi(111)(1Ã—1):Hsurface. Physical Review B, 2003, 67, .	1.1	5
134	Growth of long range ordered pentacene/benzenethiol/Cu(100) heterostructure. European Physical Journal Special Topics, 2006, 132, 301-305.	0.2	5
135	Charge transfer between isomer domains on n+-doped Si(111)-2 Ã— 1: energetic stabilization. Journal of Physics Condensed Matter, 2012, 24, 354009.	0.7	5
136	Strong ferromagnetic coupling and tunable easy magnetization directions of FexCo1â^'x layer(s) intercalated under graphene. Applied Surface Science, 2020, 527, 146599.	3.1	5
137	Argon and Other Defects in Amorphous SiO2 Coatings for Gravitational-Wave Detectors. Coatings, 2022, 12, 1001.	1.2	5
138	Electron energyâ€loss spectroscopy investigation of core levels and valence excitations of Pd2Si. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1987, 5, 1474-1478.	0.9	4
139	High resolution electron energy loss spectroscopy study of the SbGaAs(110) system. Vacuum, 1990, 41, 695-698.	1.6	4
140	Electronic properties of (1xn)-reconstructed interfaces. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 465-469.	0.8	4
141	Potassium assembled on the InAs(1 1 0) surface: from nanowires to two-dimensional layers. Applied Surface Science, 2003, 212-213, 47-51.	3.1	4
142	Orbital dependent Rashba splitting and electron-phonon coupling of 2D Bi phase on Cu(100) surface. Journal of Chemical Physics, 2013, 139, 184707.	1.2	4
143	Mixing of MnPc electronic states at the MnPc/Au(110) interface. Journal of Chemical Physics, 2017, 147, 134702.	1.2	4
144	Polarization Effects of Transversal and Longitudinal Optical Phonons in Bundles of Multiwall Carbon Nanotubes. Journal of Physical Chemistry C, 2019, 123, 20013-20019.	1.5	4

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145	Borocarbonitride Layers on Titanium Dioxide Nanoribbons for Efficient Photoelectrocatalytic Water Splitting. Materials, 2021, 14, 5490.	1.3	4
146	Magnetic response and electronic states of well defined Graphene/Fe/Ir(111) heterostructure. Physical Review Materials, 2021, 5, .	0.9	4
147	Empty electron states in cobalt-intercalated graphene. Journal of Chemical Physics, 2020, 153, 214703.	1.2	4
148	Insight into the electronic structure of semiconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Îµ</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>GaSe</mml:mi></ and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Îµ</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>InSe</mml:mi></m Physical Review Materials, 2020, 4, .	0.9	4
149	Occupied surface-state bands of the (1Ã—2) ordered phase of Bi/InAs(110). Journal of Physics Condensed Matter, 2000, 12, 7721-7726.	0.7	3
150	Growth morphology of (1Ã—2) Î±-Sn(100): a surface diffraction study. Surface Science, 2002, 507-510, 335-339.	0.8	3
151	Surface-science approach to the study of mercaptobenzoxazole on Cu(100). Surface Science, 2004, 566-568, 579-584.	0.8	3
152	Dispersion of surface bands and chain coupling at Si and Ge(111) surfaces. Surface Science, 2008, 602, 1423-1427.	0.8	3
153	Defect-induced states in the electronic structure of a Cu(100)-benzenethiolate-pentacene heterostructure. Journal of Applied Physics, 2008, 104, 063720.	1.1	3
154	An experimental and theoretical study of metallorganic coordination networks of tetrahydroxyquinone on Cu(111). New Journal of Chemistry, 2019, 43, 19186-19192.	1.4	3
155	Photoabsorption Spectroscopy of CrSi 2 : An Investigation of Unoccupied States. Europhysics Letters, 1988, 5, 283-286.	0.7	2
156	Electronic and dielectric properties of Bi grown on GaAs(110). Surface Science, 1993, 287-288, 550-553.	0.8	2
157	Bi ordered phases on Cu(100): Periodic arrays of dislocations influence the electronic properties. Journal of Chemical Physics, 2010, 132, 174706.	1.2	2
158	Graphene nanoribbons synthesized from molecular precursor polymerization on Au(110). AIP Conference Proceedings, 2015, , .	0.3	2
159	Corrugated graphene exposes the limits of a widely used ab initio van der Waals DFT functional. Physical Review Materials, 2019, 3, .	0.9	2
160	Core and valence excitations in Ni2Si. Thin Solid Films, 1986, 140, 99-104.	0.8	1
161	Local structure of Ni2Si. Journal of Electron Spectroscopy and Related Phenomena, 1987, 42, 287-292.	0.8	1
162	Anchoring sulphur-headgroup organic molecules at Cu(100): Tailoring the interface electronic states. Surface Science, 2007, 601, 2580-2583.	0.8	1

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163	Fe2O3 nanowires on HOPG as precursor of new carbon-based anode for high-capacity lithium ion batteries. , 2014, , .		1
164	Three-dimensional microporous graphene decorated with lithium. Nanotechnology, 2018, 29, 405707.	1.3	1
165	2D MoS 2 Heterostructures on Epitaxial and Selfâ€Standing Graphene for Energy Storage: From Growth Mechanism to Application. Advanced Materials Technologies, 0, , 2100963.	3.0	1
166	Core level electron energy loss study of the PD-SI(111)2 Ã— 1 Interface Formation. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1991, 13, 203-210.	0.4	0
167	Space charge layer at interfaces. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 459-463.	0.8	0
168	2D cesium insulating layer deposited on Sb-precovered GaAs(110) surface. Surface Science, 1997, 377-379, 210-214.	0.8	0
169	Women in Physics in Italy: The Leaky Pipeline. AIP Conference Proceedings, 2002, , .	0.3	0
170	Structural and electronic properties of one dimensional inorganic and organic structures on surfaces. Microelectronic Engineering, 2004, 76, 235-240.	1.1	0
171	Quasiâ€“one-dimensional electronic state of alkali metal chains assembled on the InAs(110) surface. Europhysics Letters, 2004, 68, 254-260.	0.7	0
172	Anchoring of Organic Molecules on Cu(001) Surface Through S-Headgroup.. Materials Research Society Symposia Proceedings, 2005, 872, 1.	0.1	0
173	Reduction phases of thin iron-oxide nanowires upon thermal treatment and Li exposure. Journal of Applied Physics, 2014, 115, .	1.1	0
174	High thermal stability of anti-ferromagnetic coupled molecules with FeCo layers. AIP Advances, 2021, 11, 075302.	0.6	0
175	SELF-ASSEMBLING ALKALI NANOWIRES AT SEMICONDUCTOR SURFACES. , 2001, , .		0