

Rosanna Larciprete

List of Publications by Year in descending order

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163
papers

4,977
citations

101543

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165
all docs

165
docs citations

165
times ranked

7166
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual Path Mechanism in the Thermal Reduction of Graphene Oxide. <i>Journal of the American Chemical Society</i> , 2011, 133, 17315-17321.	13.7	426
2	Titanium-carbide MXenes for work function and interface engineering in perovskite solar cells. <i>Nature Materials</i> , 2019, 18, 1228-1234.	27.5	418
3	Single-Wall Carbon Nanotube Interaction with Gases: A Sample Contaminants and Environmental Monitoring. <i>Journal of the American Chemical Society</i> , 2003, 125, 11329-11333.	13.7	261
4	XPS study of the L-CVD deposited SnO ₂ thin films exposed to oxygen and hydrogen. <i>Thin Solid Films</i> , 2001, 391, 198-203.	1.8	216
5	Oxygen Switching of the Epitaxial Graphene-Metal Interaction. <i>ACS Nano</i> , 2012, 6, 9551-9558.	14.6	195
6	Atomic Oxygen on Graphite: Chemical Characterization and Thermal Reduction. <i>Journal of Physical Chemistry C</i> , 2012, 116, 9900-9908.	3.1	145
7	Transfer-Free Electrical Insulation of Epitaxial Graphene from its Metal Substrate. <i>Nano Letters</i> , 2012, 12, 4503-4507.	9.1	120
8	Direct observation of excimer-laser photoablation products from polymers by picosecond-uv-laser mass spectroscopy. <i>Applied Physics B, Photophysics and Laser Chemistry</i> , 1987, 42, 181-184.	1.5	81
9	Atomic oxygen functionalization of double walled C nanotubes. <i>Carbon</i> , 2009, 47, 2579-2589.	10.3	79
10	Sensing gases with carbon nanotubes: a review of the actual situation. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 013001.	1.8	79
11	Nature of the Decrease of the Secondary-Electron Yield by Electron Bombardment and its Energy Dependence. <i>Physical Review Letters</i> , 2012, 109, 064801.	7.8	74
12	Transition metal carbides (MXenes) for efficient NiO-based inverted perovskite solar cells. <i>Nano Energy</i> , 2021, 82, 105771.	16.0	74
13	Impact of Defects on the Surface Chemistry of ZnO(0001), O ₂ . <i>Journal of the American Chemical Society</i> , 2002, 124, 7117-7122.	13.7	73
14	Graphene-Induced Substrate Decoupling and Ideal Doping of a Self-Assembled Iron-phthalocyanine Single Layer. <i>Journal of Physical Chemistry C</i> , 2013, 117, 3019-3027.	3.1	71
15	Insulating Ground State of Sn/Si(111)-(3x3)R30°. <i>Physical Review Letters</i> , 2007, 98, 126401.	7.8	70
16	Epitaxial Growth of Hexagonal Boron Nitride on Ir(111). <i>Journal of Physical Chemistry C</i> , 2012, 116, 157-164.	3.1	69
17	Controlling Hydrogenation of Graphene on Ir(111). <i>ACS Nano</i> , 2013, 7, 3823-3832.	14.6	69
18	Epitaxial growth of single-orientation high-quality MoS ₂ monolayers. <i>2D Materials</i> , 2018, 5, 035012.	4.4	65

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19	A synchrotron radiation photoemission study of the oxidation of tin. <i>Surface Science</i> , 1994, 313, 379-391.	1.9	64
20	Epitaxial Growth of a Single-Domain Hexagonal Boron Nitride Monolayer. <i>ACS Nano</i> , 2014, 8, 12063-12070.	14.6	64
21	Unveiling the Mechanisms Leading to H ₂ Production Promoted by Water Decomposition on Epitaxial Graphene at Room Temperature. <i>ACS Nano</i> , 2016, 10, 4543-4549.	14.6	60
22	The comparative XPS and PYS studies of SnO ₂ thin films prepared by L-CVD technique and exposed to oxygen and hydrogen. <i>Sensors and Actuators B: Chemical</i> , 2000, 70, 177-181.	7.8	57
23	Spectroscopic characterization of contaminants and interaction with gases in single-walled carbon nanotubes. <i>Carbon</i> , 2004, 42, 2099-2112.	10.3	51
24	Local Electronic Structure and Density of Edge and Facet Atoms at Rh Nanoclusters Self-Assembled on a Graphene Template. <i>ACS Nano</i> , 2012, 6, 3034-3043.	14.6	49
25	Band dispersion in the deep 1s core level of Graphene. <i>Nature Physics</i> , 2010, 6, 345-349.	16.7	48
26	The secondary electron yield of noble metal surfaces. <i>AIP Advances</i> , 2017, 7, .	1.3	46
27	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
28	Fine tuning of graphene-metal adhesion by surface alloying. <i>Scientific Reports</i> , 2013, 3, 2430.	3.3	43
29	Identification of the Si2p Surface Core Level Shifts on the Sb/Si(001) (2Å-1) Interface. <i>Physical Review Letters</i> , 1998, 81, 2320-2323.	7.8	41
30	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
31	Organotin films deposited by laser-induced CVD as active layers in chemical gas sensors. <i>Thin Solid Films</i> , 1998, 323, 291-295.	1.8	40
32	Detailed investigation of the low energy secondary electron yield of technical Cu and its relevance for the LHC. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2015, 18, .	1.8	39
33	X-ray photoelectron microscopy of the C1s core level of free-standing single-wall carbon nanotube bundles. <i>Applied Physics Letters</i> , 2002, 80, 2165-2167.	3.3	38
34	Secondary electron yield of Cu technical surfaces: Dependence on electron irradiation. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2013, 16, .	1.8	38
35	Bottom-up approach for the low-cost synthesis of graphene-alumina nanosheet interfaces using bimetallic alloys. <i>Nature Communications</i> , 2014, 5, 5062.	12.8	37
36	Ion Implantation as an Approach for Structural Modifications and Functionalization of Ti ₃ C ₂ MXenes. <i>ACS Nano</i> , 2021, 15, 4245-4255.	14.6	37

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37	Self-Assembly of Graphene Nanoblister Sealed to a Bare Metal Surface. Nano Letters, 2016, 16, 1808-1817.	9.1	36
38	Electron accumulation layer on clean In-terminated InAs(0 0 1)(4Å–2)-c(8Å–2) surface. Surface Science, 2001, 482-485, 587-592.	1.9	35
39	Metal-phthalocyanine array on the moiré pattern of a graphene sheet. Journal of Nanoparticle Research, 2011, 13, 6013-6020.	1.9	33
40	Structural reorganization of carbon nanoparticles into single-wall nanotubes. Physical Review B, 2002, 66, .	3.2	32
41	Illuminating the earliest stages of the soot formation by photoemission and Raman spectroscopy. Combustion and Flame, 2017, 181, 188-197.	5.2	32
42	Reduction and shaping of graphene-oxide by laser-printing for controlled bone tissue regeneration and bacterial killing. 2D Materials, 2018, 5, 015027.	4.4	32
43	The photochemistry of CH ₄ adsorbed on Pt(1 1 1) studied by high resolution fast XPS. Surface Science, 2001, 482-485, 134-140.	1.9	30
44	The Role of Metal Contact in the Sensitivity of Single-Walled Carbon Nanotubes to NO ₂ . Journal of Physical Chemistry C, 2007, 111, 12169-12174.	3.1	30
45	Evolution of the secondary electron emission during the graphitization of thin C films. Applied Surface Science, 2015, 328, 356-360.	6.1	29
46	Surface analysis study of the oxidation of organotin films deposited by ArF excimer laser chemical vapor deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1997, 15, 2492-2501.	2.1	28
47	Energy dependence of resonant charge transfer from adsorbates to metal substrates. Chemical Physics, 2003, 289, 107-115.	1.9	28
48	Direct writing of fluorescent patterns on LiF films by x-ray microprobe. Applied Physics Letters, 2002, 80, 3862-3864.	3.3	27
49	Interface formation between C ₆₀ and diethynyl-Zn-porphyrinato investigated by SR-induced photoelectron and near-edge X-ray absorption (NEXAFS) spectroscopies. Chemical Physics, 2004, 297, 307-314.	1.9	27
50	Double perovskite Sr ₂ FeMoO ₆ films: Growth, structure, and magnetic behavior. Journal of Applied Physics, 2006, 100, 013907.	2.5	27
51	Molecular orientations, electronic properties and charge transfer timescale in a Zn-porphyrin/C ₇₀ donor-acceptor complex for solar cells. Surface Science, 2006, 600, 4018-4023.	1.9	26
52	Key role of rotated domains in oxygen intercalation at graphene on Ni(100). 2D Materials, 2017, 4, 025106.	4.4	26
53	Epitaxial growth of MgB ₂ (0001) thin films on magnesium single-crystals. Applied Physics Letters, 2004, 85, 976-978.	3.3	24
54	The electronic properties of carbon nanotubes studied by high resolution photoemission spectroscopy. Applied Surface Science, 2005, 248, 8-13.	6.1	24

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55	Molecular adsorption and multilayer growth of pentacene on Cu(100): Layer structure and energetics. <i>Physical Review B</i> , 2007, 75, .	3.2	24
56	Substrate Influence for the Zn-tetraphenylporphyrin Adsorption Geometry and the Interface-Induced Electron Transfer. <i>ChemPhysChem</i> , 2010, 11, 2248-2255.	2.1	24
57	Multiple-photon excitation spectra of SiH ₄ measured in the 10 ^{1/4} μm range by a continuously tunable CO ₂ laser. <i>Chemical Physics Letters</i> , 1985, 122, 480-488.	2.6	23
58	On the hydrophilic/hydrophobic character of carbonaceous nanoparticles formed in laminar premixed flames. <i>Experimental Thermal and Fluid Science</i> , 2016, 73, 56-63.	2.7	23
59	Synthesis of nitrogen-doped epitaxial graphene via plasma-assisted method: Role of the graphene-substrate interaction. <i>Surface Science</i> , 2016, 643, 214-221.	1.9	22
60	Spin-dependent electron-phonon coupling in the valence band of single-layer WS_2 . <i>Physical Review B</i> , 2017, 96, .	3.2	22
61	Secondary electron emission and yield spectra of metals from Monte Carlo simulations and experiments. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 055901.	1.8	22
62	A fast XPS study of sulphate promoted propene decomposition over Pt. <i>Surface Science</i> , 2002, 513, 140-148.	1.9	21
63	Transition from one-dimensional to three-dimensional behavior induced by lithium doping in single wall carbon nanotubes. <i>Physical Review B</i> , 2005, 71, .	3.2	20
64	Synchrotron radiation photoemission analysis of ArF laser deposited tin oxide. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1993, 11, 336-340.	2.1	19
65	C_{1s} photoemission spectrum in graphite(0001). <i>Physical Review B</i> , 2007, 76, .	3.2	19
66	Bulk sensitive x-ray absorption and magnetic circular dichroism investigation of Mn- and Co-doped ZnO thin films. <i>Applied Physics Letters</i> , 2010, 97, 052505.	3.3	19
67	Photoemission investigation of oxygen intercalated epitaxial graphene on Ru(0001). <i>Surface Science</i> , 2018, 678, 57-64.	1.9	18
68	Growth and structure of singly oriented single-layer tungsten disulfide on Au(111). <i>Physical Review Materials</i> , 2019, 3, .	2.4	18
69	KrF-excimer-laser-induced native oxide removal from Si (100) surfaces studied by Auger electron spectroscopy. <i>Applied Physics A: Materials Science and Processing</i> , 1996, 62, 103-114.	2.3	17
70	Electron transfer from Gd ions to the C cage in endohedral Gd@C ₈₂ probed by resonant photoemission spectroscopy. <i>Physical Review B</i> , 2004, 70, .	3.2	17
71	Excimer-laser-induced photochemistry of organometallic compounds monitored by dye laser mass spectroscopy: dimethyl ditelluride (CH ₃ TeTeCH ₃). <i>The Journal of Physical Chemistry</i> , 1986, 90, 4568-4573.	2.9	16
72	C ₇₀ adsorbed on Cu(111): Metallic character and molecular orientation. <i>Journal of Chemical Physics</i> , 2002, 116, 7685-7690.	3.0	16

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73	Core Level Photoemission Evidence of Frustrated Surface Molecules: A Germ of Disorder at the (111) Surface of C ₆₀ before the Order-Disorder Surface Phase Transition. <i>Physical Review Letters</i> , 2002, 88, 196102.	7.8	16
74	Electronic properties of clean and Li-doped single-walled carbon nanotubes. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 793-797.	1.7	16
75	Ultrafast Charge Transfer at Monolayer Graphene Surfaces with Varied Substrate Coupling. <i>ACS Nano</i> , 2013, 7, 4359-4366.	14.6	16
76	On the compatibility of porous surfaces with cryogenic vacuum in future high-energy particle accelerators. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	16
77	High resolution electron microscopy and x-ray photoelectron spectroscopy studies of heteroepitaxial Si _x Ge(1 ^λ x) alloys produced through laser induced processing. <i>Applied Physics Letters</i> , 1998, 72, 2877-2879.	3.3	15
78	Vibrational and electronic properties of hydrogen adsorbed on single-wall carbon nanotubes. <i>Physical Review B</i> , 2004, 69, .	3.2	15
79	Local and long-range order of carbon impurities on Fe(100): Analysis of self-organization at a nanometer scale. <i>Physical Review B</i> , 2006, 73, .	3.2	15
80	Synchrotron radiation photoelectron spectroscopy of the O(2s) core level as a tool for monitoring the reducing effects of ion bombardment on SnO ₂ thin films. <i>Applied Surface Science</i> , 1996, 104-105, 349-353.	6.1	14
81	Characterization of high-quality MgB ₂ (0001) epitaxial films on Mg(0001). <i>New Journal of Physics</i> , 2006, 8, 12-12.	2.9	14
82	Mixed Cation Halide Perovskite under Environmental and Physical Stress. <i>Materials</i> , 2021, 14, 3954.	2.9	14
83	Excimer laser photolysis of organometallic compounds monitored by laser mass spectroscopy. <i>Journal of Crystal Growth</i> , 1986, 77, 235-240.	1.5	13
84	Morphology and magnetic properties of thin films of Rh on highly oriented pyrolytic graphite. <i>Physical Review B</i> , 2000, 63, .	3.2	13
85	Localization of 3d electrons in thin Mn and Mn-oxide films by resonant photoemission. <i>Physical Review B</i> , 2001, 63, .	3.2	13
86	A Fast XPS Study of Propene Decomposition over Clean and Sulphated Pt{111}. <i>Catalysis Letters</i> , 2002, 78, 379-382.	2.6	13
87	Electronic and vibrational excitations in carbon nanotubes. <i>Carbon</i> , 2003, 41, 985-992.	10.3	13
88	Thermal reactions at the interface between Si and C nanoparticles: nanotube self-assembling and transformation into SiC. <i>Surface Science</i> , 2003, 532-535, 886-891.	1.9	13
89	Calorimetry at Surfaces Using High-Resolution Core-Level Photoemission. <i>Physical Review Letters</i> , 2004, 93, 106105.	7.8	13
90	NO ₂ decomposition on Rh clusters supported on single-walled carbon nanotubes. <i>Applied Physics Letters</i> , 2006, 88, 243111.	3.3	13

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91	Chemical gating of epitaxial graphene through ultrathin oxide layers. <i>Nanoscale</i> , 2015, 7, 12650-12658.	5.6	13
92	The adsorption of silicon on an iridium surface ruling out silicene growth. <i>Nanoscale</i> , 2018, 10, 7085-7094.	5.6	13
93	Excimer laser cleaning of Si(100) surfaces at 193 and 248 nm studied by LEED, AES and XPS spectroscopies. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995, 76, 607-612.	1.7	12
94	X-ray diffraction and x-ray photoelectron spectroscopy study of partially strained SiGe layers produced via excimer laser processing. <i>Journal of Applied Physics</i> , 1997, 82, 147-154.	2.5	12
95	Thermal and pulsed laser induced surface reactions in Ti/Si(001) interfaces studied by spectromicroscopy with synchrotron radiation. <i>Journal of Applied Physics</i> , 2001, 90, 4361-4369.	2.5	12
96	Occupied density of states in MgB ₂ revealed by photoemission microscopy. <i>Physical Review B</i> , 2002, 66, .	3.2	12
97	ArF excimer laser deposited tin oxide films studied by <i>in situ</i> surface diagnostics and by synchrotron radiation induced UV photoemission. <i>Applied Surface Science</i> , 1993, 69, 59-64.	6.1	11
98	Silicon nanowires grown on Si(100) substrates via thermal reactions with carbon nanoparticles. <i>Chemical Physics Letters</i> , 2003, 371, 394-400.	2.6	11
99	Charge transfer from core-excited argon adsorbed on clean and hydrogenated Si(100): ultrashort timescales and energetic structure. <i>New Journal of Physics</i> , 2009, 11, 053005.	2.9	11
100	Effect of the surface processing on the secondary electron yield of Al alloy samples. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2013, 16, .	1.8	11
101	Unexpected Rotamerism at the Origin of a Chessboard Supramolecular Assembly of Ruthenium Phthalocyanine. <i>Chemistry - A European Journal</i> , 2017, 23, 16319-16327.	3.3	11
102	Photoprocesses in organometallics. <i>Applied Surface Science</i> , 1990, 46, 19-26.	6.1	10
103	Bis(triisopropylsilylethynyl)pentacene/Au(111) Interface: Coupling, Molecular Orientation, and Thermal Stability. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22522-22532.	3.1	10
104	ArF excimer laser epitaxy of Si _{1-x} Ge _x alloys studied by XRD and XPS. <i>Applied Surface Science</i> , 1996, 106, 179-185.	6.1	9
105	TRACKING THERMALLY DRIVEN MOLECULAR REACTION AND FRAGMENTATION BY FAST PHOTOEMISSION: C ₆₀ on Si(111). <i>Surface Review and Letters</i> , 2002, 09, 775-781.	1.1	9
106	Final-state screening dynamics in resonant Auger decay at the edge of vanadium. <i>Physical Review B</i> , 2005, 71, .	3.2	9
107	Minimum thickness of carbon coating for multipacting suppression. <i>Physical Review Research</i> , 2020, 2, .	3.6	9
108	Laser multiphoton mass spectroscopy of zinc dialkyls. <i>Chemical Physics Letters</i> , 1988, 147, 161-167.	2.6	8

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109	Laser-induced integrated processing for heteroepitaxial SixGe(1-x) alloys. Applied Surface Science, 1996, 102, 42-46.	6.1	8
110	Growth of Ge layers on Si(100) monitored by in situ ellipsometry. Thin Solid Films, 1998, 315, 49-56.	1.8	8
111	Evaluation of alkali-induced band-bending inhomogeneity and charge transfer trend from core-level analysis. Physical Review B, 2000, 62, R10657-R10660.	3.2	8
112	Ge/Si(001)c(4Å-2)interface formation studied by high-resolution Ge3dand Si2pcore-level spectroscopy. Physical Review B, 2000, 61, 16006-16014.	3.2	8
113	Carbon nanotube bundles and thin layers probed by micro-Raman spectroscopy. European Physical Journal B, 2003, 31, 203-208.	1.5	8
114	Fundamental Role of the H-Bond Interaction in the Dissociation ofNH3onSi(001)âˆ²(2Å-1). Physical Review Letters, 2012, 109, 036102.	7.8	8
115	The effect of structural disorder on the secondary electron emission of graphite. AIP Advances, 2016, 6, .	1.3	8
116	Dual-Route Hydrogenation of the Graphene/Ni Interface. ACS Nano, 2019, 13, 1828-1838.	14.6	8
117	Laser-induced dissociation of polychlorinated biphenyls in the liquid phase. Chemical Physics Letters, 1988, 143, 245-250.	2.6	7
118	Excimer laser photolysis of organometallic compounds for Zn deposition. Applied Surface Science, 1989, 36, 221-230.	6.1	7
119	Cr, Sn and interface formation studied by synchrotron radiation induced UPS. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 499-504.	1.7	7
120	UHV-CVD Ge/Si(100) heteroepitaxy monitored by in situ ellipsometry. Applied Surface Science, 1996, 102, 52-56.	6.1	7
121	A Spectroscopic and ab Initio Study of the Formation of Graphite and Carbon Nanotubes from Thermal Decomposition of Silicon Carbide. Nano Letters, 2008, 8, 4335-4341.	9.1	7
122	Electronâ€™phonon coupling in single-layer MoS2. Surface Science, 2019, 681, 64-69.	1.9	7
123	Tuning the charge state of a C60 single layer on Ag(1 0 0) by Na deposition. Surface Science, 2001, 482-485, 606-611.	1.9	6
124	Electron microscopy and photoelectron spectromicroscopy study of catalyst-free transformation of carbon nanoparticles into nanotubes. Journal of Applied Physics, 2005, 98, 084307.	2.5	6
125	Electronic surface reconstruction and correlation in the fcc and dimer phases ofRbC60. Physical Review B, 2007, 75, .	3.2	6
126	Interaction of molecular oxygen with single wall nanotubes: Role of surfactant contamination. Nuclear Instruments & Methods in Physics Research B, 2003, 200, 5-10.	1.4	5

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127	Spectroscopic characterization of contaminants and interaction with gases in single-walled carbon nanotubes. Carbon, 2004, 42, 2099-2099.	10.3	5
128	Search for a local effect in multiatom resonant core excitation in a surface species: Photoemission and photon-stimulated desorption from N ₂ on Ni(111). Physical Review B, 2005, 71, .	3.2	5
129	Electronic properties of a pure and sodium-doped C70 single layer adsorbed on Al polycrystalline surface. Journal of Chemical Physics, 2005, 122, 054704.	3.0	5
130	Isotope selective ionization of tellurium dimers Te ₂ formed by excimer laser photodissociation of an organometallic compound: CH ₃ TeTeCH ₃ . Applied Physics B, Photophysics and Laser Chemistry, 1986, 41, 213-215.	1.5	4
131	Ge/Bi/Si(001)-c(4 $\sqrt{2}$) interface studied by high-resolution core-level spectroscopy. Surface Science, 1999, 433-435, 362-366.	1.9	4
132	Lateral heterogeneity in the surface composition after laser processing of Ti/Si interface contaminated with oxygen. Applied Physics Letters, 2001, 79, 191-193.	3.3	4
133	Metallic phases of a C70 single layer adsorbed on Cu(111) doped with sodium. Surface Science, 2003, 532-535, 892-897.	1.9	4
134	Luminescent nanostructures based on colour centres produced in LiF films by direct writing with an X-ray microprobe. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 298-301.	0.8	4
135	Detailed Investigation of the Low-Energy Secondary Electron Yield (LE-SEY) of Clean Polycrystalline Cu and of Its Technical Counterpart. IEEE Transactions on Plasma Science, 2015, 43, 2954-2960.	1.3	4
136	SEY and low-energy SEY of conductive surfaces. Journal of Electron Spectroscopy and Related Phenomena, 2020, 241, 146876.	1.7	4
137	Impact of the Substrate Work Function on Self-Assembling and Electronic Structure of Adsorbed Ruthenium Phthalocyanine. Journal of Physical Chemistry C, 2020, 124, 23295-23306.	3.1	4
138	Visible and UV pulsed laser processing of the Ti/Si(0 0 1) interface studied by XPS microscopy with synchrotron radiation. Surface Science, 2001, 482-485, 141-146.	1.9	3
139	ANGLE-SCANNED PHOTOELECTRON DIFFRACTION: FROM CLEAN SURFACES TO COMPLEX ADSORPTION SYSTEMS. Surface Review and Letters, 2002, 09, 741-747.	1.1	3
140	Ultra-high-vacuum epitaxial growth of MgB ₂ (0001) thin films on Mg(0001) via molecular beam epitaxy. Journal of Physics Condensed Matter, 2004, 16, S3451-S3458.	1.8	3
141	Space and time resolved emission spectroscopy of SrFeMoO ₆ laser induced plasma. Applied Surface Science, 2005, 248, 19-23.	6.1	3
142	Microstructure and magnetic behavior of PLD Sr ₂ FeMoO ₆ thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3229-3232.	0.8	3
143	Graphene-based field effect transistors for radiation-induced field sensing. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 392-393.	1.6	3
144	Excimer laser photolysis of Zn dialkyls for Zn deposition. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1989, 11, 1603-1613.	0.4	2

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145	Resonant production of doubly charged tin ions in the multiphoton ionization of tin alkyls. Chemical Physics Letters, 1992, 199, 605-608.	2.6	2
146	Temperature effect on the reconstruction of Sb/Si(001) interface studied by high resolution core level spectroscopy and RHEED analysis. Applied Surface Science, 2000, 166, 214-219.	6.1	2
147	Advanced optical characterization of active micro-strips induced on Lithium Fluoride crystals by a monochromatic soft X-ray beam. Journal of Non-Crystalline Solids, 2007, 353, 456-460.	3.1	2
148	Soft X-ray imaging by optically stimulated luminescence from color centers in lithium fluoride. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 631-635.	2.9	2
149	Substrate-Driven Formation of Bidimensional Arrays of Co Nanocrystals in TiO ₂ Thin Films. Journal of Physical Chemistry C, 2013, 117, 687-691.	3.1	2
150	Combined high resolution X-ray diffraction and EXAFS studies of Si(1-x)Ge _x heterostructures. Thin Solid Films, 1998, 319, 20-24.	1.8	1
151	De Padova et al. Reply. Physical Review Letters, 1999, 82, 4565-4565.	7.8	1
152	ArF excimer laser photolysis of tetramethyltin Sn(CH ₃) ₄ probed by dye-laser-induced resonant multiphoton ionization. , 1990, 1279, 170.		0
153	Multiphoton dissociation of zinc dialkyls probed by resonance-enhanced multiphoton ionization. Chemical Physics Letters, 1993, 203, 15-20.	2.6	0
154	CVD Growth and Excimer Laser Processing of SiGe Alloys Monitored by Single Wavelength Ellipsometry and Atomic Force Microscopy. Materials Research Society Symposia Proceedings, 1997, 502, 65.	0.1	0
155	Bulk-like Si(001) atomic rearrangement artificially created at the Ge/Sb/Si(001) interface. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1998, 20, 1029-1037.	0.4	0
156	High resolution photoemission core level spectroscopy study and TEM analysis of the Ge/As/Si(0 0 1) growth. Surface Science, 2001, 482-485, 574-579.	1.9	0
157	Laser ablated Sr ₂ FeMoO ₆ plasma studied by optical emission spectroscopy. , 2005, , .		0
158	Direct writing of luminescent nanostructures in lithium fluoride films by x-ray microprobe scanning. , 2005, , .		0
159	Spectroscopic Characterization of Flame-Generated 2-D Carbon Nano-Disks. Materials Research Society Symposia Proceedings, 2015, 1726, 56.	0.1	0
160	Crystal to Quasicrystal Surface Phase Transition: An Unlocking Mechanism for Templated Growth. Journal of Physical Chemistry C, 2016, 120, 5477-5485.	3.1	0
161	Gas and Adsorbed-Phase UV Photochemistry of Tetramethyltin (TMT) Probed by In-Situ Optical Diagnostics and Surface-Sensitive Techniques. , 1994, , 133-151.		0
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