

Rosanna Larciprete

List of Publications by Year in descending order

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163
papers

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citations

101543

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165
docs citations

165
times ranked

7166
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion Implantation as an Approach for Structural Modifications and Functionalization of Ti_3C_2Tx MXenes. ACS Nano, 2021, 15, 4245-4255.	14.6	37
2	Transition metal carbides (MXenes) for efficient NiO-based inverted perovskite solar cells. Nano Energy, 2021, 82, 105771.	16.0	74
3	Mixed Cation Halide Perovskite under Environmental and Physical Stress. Materials, 2021, 14, 3954.	2.9	14
4	SEY and low-energy SEY of conductive surfaces. Journal of Electron Spectroscopy and Related Phenomena, 2020, 241, 146876.	1.7	4
5	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
6	Minimum thickness of carbon coating for multipacting suppression. Physical Review Research, 2020, 2, .	3.6	9
7	Titanium-carbide MXenes for work function and interface engineering in perovskite solar cells. Nature Materials, 2019, 18, 1228-1234.	27.5	418
8	On the compatibility of porous surfaces with cryogenic vacuum in future high-energy particle accelerators. Applied Physics Letters, 2019, 114, .	3.3	16
9	Secondary electron emission and yield spectra of metals from Monte Carlo simulations and experiments. Journal of Physics Condensed Matter, 2019, 31, 055901.	1.8	22
10	Dual-Route Hydrogenation of the Graphene/Ni Interface. ACS Nano, 2019, 13, 1828-1838.	14.6	8
11	Electron-phonon coupling in single-layer MoS ₂ . Surface Science, 2019, 681, 64-69.	1.9	7
12	Growth and structure of singly oriented single-layer tungsten disulfide on Au(111). Physical Review Materials, 2019, 3, .	2.4	18
13	Epitaxial growth of single-orientation high-quality MoS ₂ monolayers. 2D Materials, 2018, 5, 035012.	4.4	65
14	Photoemission investigation of oxygen intercalated epitaxial graphene on Ru(0001). Surface Science, 2018, 678, 57-64.	1.9	18
15	The adsorption of silicon on an iridium surface ruling out silicene growth. Nanoscale, 2018, 10, 7085-7094.	5.6	13
16	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
17	Key role of rotated domains in oxygen intercalation at graphene on Ni(111). 2D Materials, 2017, 4, 025106.	4.4	26
18	Illuminating the earliest stages of the soot formation by photoemission and Raman spectroscopy. Combustion and Flame, 2017, 181, 188-197.	5.2	32

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19	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
20	Spin-dependent electron-phonon coupling in the valence band of single-layer WS_2 . <i>Physical Review B</i> , 2017, 96, .	3.2	25
21	The secondary electron yield of noble metal surfaces. <i>AIP Advances</i> , 2017, 7, .	1.3	46
22	The effect of structural disorder on the secondary electron emission of graphite. <i>AIP Advances</i> , 2016, 6, .	1.3	8
23	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
24	Crystal to Quasicrystal Surface Phase Transition: An Unlocking Mechanism for Templated Growth. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5477-5485.	3.1	0
25	Self-Assembly of Graphene Nanoblister Sealed to a Bare Metal Surface. <i>Nano Letters</i> , 2016, 16, 1808-1817.	9.1	36
26	Graphene-based field effect transistors for radiation-induced field sensing. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 824, 392-393.	1.6	3
27	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
28	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
29	Spectroscopic Characterization of Flame-Generated 2-D Carbon Nano-Disks. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1726, 56.	0.1	0
30	Detailed Investigation of the Low-Energy Secondary Electron Yield (LE-SEY) of Clean Polycrystalline Cu and of Its Technical Counterpart. <i>IEEE Transactions on Plasma Science</i> , 2015, 43, 2954-2960.	1.3	4
31	Evolution of the secondary electron emission during the graphitization of thin C films. <i>Applied Surface Science</i> , 2015, 328, 356-360.	6.1	29
32	Chemical gating of epitaxial graphene through ultrathin oxide layers. <i>Nanoscale</i> , 2015, 7, 12650-12658.	5.6	13
33	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
34	Epitaxial Growth of a Single-Domain Hexagonal Boron Nitride Monolayer. <i>ACS Nano</i> , 2014, 8, 12063-12070.	14.6	64
35	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
36	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

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37	Fine tuning of graphene-metal adhesion by surface alloying. <i>Scientific Reports</i> , 2013, 3, 2430.	3.3	43
38	Ultrafast Charge Transfer at Monolayer Graphene Surfaces with Varied Substrate Coupling. <i>ACS Nano</i> , 2013, 7, 4359-4366.	14.6	16
39	Controlling Hydrogenation of Graphene on Ir(111). <i>ACS Nano</i> , 2013, 7, 3823-3832.	14.6	69
40	Substrate-Driven Formation of Bidimensional Arrays of Co Nanocrystals in TiO ₂ Thin Films. <i>Journal of Physical Chemistry C</i> , 2013, 117, 687-691.	3.1	2
41	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
42	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
43	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
44	Fundamental Role of the H-Bond Interaction in the Dissociation of NH ₃ on Si(001) $\sqrt{2} \times \sqrt{2}$. <i>Physical Review Letters</i> , 2012, 109, 036102.	7.8	8
45	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
46	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
47	Transfer-Free Electrical Insulation of Epitaxial Graphene from its Metal Substrate. <i>Nano Letters</i> , 2012, 12, 4503-4507.	9.1	120
48	Oxygen Switching of the Epitaxial Graphene-Metal Interaction. <i>ACS Nano</i> , 2012, 6, 9551-9558.	14.6	195
49	Epitaxial Growth of Hexagonal Boron Nitride on Ir(111). <i>Journal of Physical Chemistry C</i> , 2012, 116, 157-164.	3.1	69
50	Atomic Oxygen on Graphite: Chemical Characterization and Thermal Reduction. <i>Journal of Physical Chemistry C</i> , 2012, 116, 9900-9908.	3.1	145
51	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
52	Metal-phthalocyanine array on the moiré pattern of a graphene sheet. <i>Journal of Nanoparticle Research</i> , 2011, 13, 6013-6020.	1.9	33
53	Substrate Influence for the Zn-tetraphenylporphyrin Adsorption Geometry and the Interface-Induced Electron Transfer. <i>ChemPhysChem</i> , 2010, 11, 2248-2255.	2.1	24
54	Band dispersion in the deep 1s core level of graphene. <i>Nature Physics</i> , 2010, 6, 345-349.	16.7	48

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55	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
56	Sensing gases with carbon nanotubes: a review of the actual situation. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 013001.	1.8	79
57	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
58	Atomic oxygen functionalization of double walled C nanotubes. <i>Carbon</i> , 2009, 47, 2579-2589.	10.3	79
59	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
60	A Spectroscopic and ab Initio Study of the Formation of Graphite and Carbon Nanotubes from Thermal Decomposition of Silicon Carbide. <i>Nano Letters</i> , 2008, 8, 4335-4341.	9.1	7
61	Molecular adsorption and multilayer growth of pentacene on Cu(100): Layer structure and energetics. <i>Physical Review B</i> , 2007, 75, .	3.2	24
62	Insulating Ground State of Sn/Si(111)- $\sqrt{3}\times\sqrt{3}$ R30°. <i>Physical Review Letters</i> , 2007, 98, 126401.	7.8	70
63	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{C} \langle \text{mml:mi} \rangle \langle \text{mml:mpace width="0.2em"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ photoemission spectrum in graphite(0001). <i>Physical Review B</i> , 2007, 76, .	3.2	19
64	Electronic surface reconstruction and correlation in the fcc and dimer phases of RbC60. <i>Physical Review B</i> , 2007, 75, .	3.2	6
65	Advanced optical characterization of active micro-strips induced on Lithium Fluoride crystals by a monochromatic soft X-ray beam. <i>Journal of Non-Crystalline Solids</i> , 2007, 353, 456-460.	3.1	2
66	The Role of Metal Contact in the Sensitivity of Single-Walled Carbon Nanotubes to NO ₂ . <i>Journal of Physical Chemistry C</i> , 2007, 111, 12169-12174.	3.1	30
67	Soft X-ray imaging by optically stimulated luminescence from color centers in lithium fluoride. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 631-635.	2.9	2
68	Microstructure and magnetic behavior of PLD Sr ₂ FeMoO ₆ thin films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 3229-3232.	0.8	3
69	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
70	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.	1.9	26
71	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
72	Double perovskite Sr ₂ FeMoO ₆ films: Growth, structure, and magnetic behavior. <i>Journal of Applied Physics</i> , 2006, 100, 013907.	2.5	27

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73	NO ₂ decomposition on Rh clusters supported on single-walled carbon nanotubes. Applied Physics Letters, 2006, 88, 243111.	3.3	13
74	Local and long-range order of carbon impurities on Fe(100): Analysis of self-organization at a nanometer scale. Physical Review B, 2006, 73, .	3.2	15
75	<title>Laser ablated Sr$\langle inf \rangle 2$</math>FeMoO$\langle inf \rangle 6$</math> plasma studied by optical emission spectroscopy</title>. , 2005, , .		0
76	Space and time resolved emission spectroscopy of Sr ₂ FeMoO ₆ laser induced plasma. Applied Surface Science, 2005, 248, 19-23.	6.1	3
77	The electronic properties of carbon nanotubes studied by high resolution photoemission spectroscopy. Applied Surface Science, 2005, 248, 8-13.	6.1	24
78	Electronic properties of clean and Li-doped single-walled carbon nanotubes. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 793-797.	1.7	16
79	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
80	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
81	Electronic properties of a pure and sodium-doped C ₇₀ single layer adsorbed on Al polycrystalline surface. Journal of Chemical Physics, 2005, 122, 054704.	3.0	5
82	Final-state screening dynamics in resonant Auger decay at the 2p edge of vanadium. Physical Review B, 2005, 71, .	3.2	9
83	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
84	Transition from one-dimensional to three-dimensional behavior induced by lithium doping in single wall carbon nanotubes. Physical Review B, 2005, 71, .	3.2	20
85	<title>Direct writing of luminescent nanostructures in lithium fluoride films by x-ray microprobe scanning</title>. , 2005, , .		0
86	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
87	Vibrational and electronic properties of hydrogen adsorbed on single-wall carbon nanotubes. Physical Review B, 2004, 69, .	3.2	15
88	Epitaxial growth of MgB ₂ (0001) thin films on magnesium single-crystals. Applied Physics Letters, 2004, 85, 976-978.	3.3	24
89	Calorimetry at Surfaces Using High-Resolution Core-Level Photoemission. Physical Review Letters, 2004, 93, 106105.	7.8	13
90	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

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91	Spectroscopic characterization of contaminants and interaction with gases in single-walled carbon nanotubes. Carbon, 2004, 42, 2099-2112.	10.3	51
92	Spectroscopic characterization of contaminants and interaction with gases in single-walled carbon nanotubes. Carbon, 2004, 42, 2099-2099.	10.3	5
93	Electron transfer from Gd ions to the C cage in endohedral Gd@C ₈₂ probed by resonant photoemission spectroscopy. Physical Review B, 2004, 70, .	3.2	17
94	Carbon nanotube bundles and thin layers probed by micro-Raman spectroscopy. European Physical Journal B, 2003, 31, 203-208.	1.5	8
95	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
96	Electronic and vibrational excitations in carbon nanotubes. Carbon, 2003, 41, 985-992.	10.3	13
97	Silicon nanowires grown on Si(100) substrates via thermal reactions with carbon nanoparticles. Chemical Physics Letters, 2003, 371, 394-400.	2.6	11
98	Thermal reactions at the interface between Si and C nanoparticles: nanotube self-assembling and transformation into SiC. Surface Science, 2003, 532-535, 886-891.	1.9	13
99	Metallic phases of a C ₇₀ single layer adsorbed on Cu(111) doped with sodium. Surface Science, 2003, 532-535, 892-897.	1.9	4
100	Energy dependence of resonant charge transfer from adsorbates to metal substrates. Chemical Physics, 2003, 289, 107-115.	1.9	28
101	Single-Wall Carbon Nanotube Interaction with Gases: A Sample Contaminants and Environmental Monitoring. Journal of the American Chemical Society, 2003, 125, 11329-11333.	13.7	261
102	X-ray photoelectron microscopy of the Ca ²⁺ core level of free-standing single-wall carbon nanotube bundles. Applied Physics Letters, 2002, 80, 2165-2167.	3.3	38
103	C ₇₀ adsorbed on Cu(111): Metallic character and molecular orientation. Journal of Chemical Physics, 2002, 116, 7685-7690.	3.0	16
104	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. Physical Review Letters, 2002, 88, 196102.	7.8	16
105	Occupied density of states in MgB ₂ revealed by photoemission microscopy. Physical Review B, 2002, 66, .	3.2	12
106	Structural reorganization of carbon nanoparticles into single-wall nanotubes. Physical Review B, 2002, 66, .	3.2	32
107	TRACKING THERMALLY DRIVEN MOLECULAR REACTION AND FRAGMENTATION BY FAST PHOTOEMISSION: C ₆₀ on Si(111). Surface Review and Letters, 2002, 09, 775-781.	1.1	9
108	ANGLE-SCANNED PHOTOELECTRON DIFFRACTION: FROM CLEAN SURFACES TO COMPLEX ADSORPTION SYSTEMS. Surface Review and Letters, 2002, 09, 741-747.	1.1	3

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109	Direct writing of fluorescent patterns on LiF films by x-ray microprobe. <i>Applied Physics Letters</i> , 2002, 80, 3862-3864.	3.3	27
110	Impact of Defects on the Surface Chemistry of ZnO(0001̄), ⁺ O. <i>Journal of the American Chemical Society</i> , 2002, 124, 7117-7122.	13.7	73
111	A fast XPS study of sulphate promoted propene decomposition over Pt{111}. <i>Surface Science</i> , 2002, 513, 140-148.	1.9	21
112	A Fast XPS Study of Propene Decomposition over Clean and Sulphated Pt{111}. <i>Catalysis Letters</i> , 2002, 78, 379-382.	2.6	13
113	Tuning the charge state of a C60 single layer on Ag(1 0 0) by Na deposition. <i>Surface Science</i> , 2001, 482-485, 606-611.	1.9	6
114	High resolution photoemission core level spectroscopy study and TEM analysis of the Ge/As/Si(0 0 1) growth. <i>Surface Science</i> , 2001, 482-485, 574-579.	1.9	0
115	The photochemistry of CH4 adsorbed on Pt(1 1 1) studied by high resolution fast XPS. <i>Surface Science</i> , 2001, 482-485, 134-140.	1.9	30
116	Visible and UV pulsed laser processing of the Ti/Si(0 0 1) interface studied by XPS microscopy with synchrotron radiation. <i>Surface Science</i> , 2001, 482-485, 141-146.	1.9	3
117	Electron accumulation layer on clean In-terminated InAs(0 0 1)(4̄-2)-c(8̄-2) surface. <i>Surface Science</i> , 2001, 482-485, 587-592.	1.9	35
118	XPS study of the L-CVD deposited SnO2 thin films exposed to oxygen and hydrogen. <i>Thin Solid Films</i> , 2001, 391, 198-203.	1.8	216
119	Lateral heterogeneity in the surface composition after laser processing of Ti/Si interface contaminated with oxygen. <i>Applied Physics Letters</i> , 2001, 79, 191-193.	3.3	4
120	Localization of 3d electrons in thin Mn and Mn-oxide films by resonant photoemission. <i>Physical Review B</i> , 2001, 63, .	3.2	13
121	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
122	Temperature effect on the reconstruction of Sb/Si(001) interface studied by high resolution core level spectroscopy and RHEED analysis. <i>Applied Surface Science</i> , 2000, 166, 214-219.	6.1	2
123	The comparative XPS and PYS studies of SnO2 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
124	Morphology and magnetic properties of thin films of Rh on highly oriented pyrolytic graphite. <i>Physical Review B</i> , 2000, 63, .	3.2	13
125	Evaluation of alkali-induced band-bending inhomogeneity and charge transfer trend from core-level analysis. <i>Physical Review B</i> , 2000, 62, R10657-R10660.	3.2	8
126	Ge/Si(001)c(4̄-2) interface formation studied by high-resolution Ge 3d and Si 2p core-level spectroscopy. <i>Physical Review B</i> , 2000, 61, 16006-16014.	3.2	8

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127	De Padova et al. Reply: Physical Review Letters, 1999, 82, 4565-4565.	7.8	1
128	Ge/Bi/Si(001)-c(4Å-2) interface studied by high-resolution core-level spectroscopy. Surface Science, 1999, 433-435, 362-366.	1.9	4
129	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
130	Growth of Ge layers on Si(100) monitored by in situ ellipsometry. Thin Solid Films, 1998, 315, 49-56.	1.8	8
131	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
132	Organotin films deposited by laser-induced CVD as active layers in chemical gas sensors. Thin Solid Films, 1998, 323, 291-295.	1.8	40
133	High resolution electron microscopy and x-ray photoelectron spectroscopy studies of heteroepitaxial Si _x Ge(1-x) alloys produced through laser induced processing. Applied Physics Letters, 1998, 72, 2877-2879.	3.3	15
134	Identification of the Si 2p Surface Core Level Shifts on the Sb/Si(001) (2Å-1) Interface. Physical Review Letters, 1998, 81, 2320-2323.	7.8	41
135	Producción y tratamiento de películas de Si _{1-x} Ge _x mediante técnicas asistidas por láser de excímero. Revista De Metalurgia, 1998, 34, 78-81.	0.5	0
136	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
137	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
138	X-ray diffraction and x-ray photoelectron spectroscopy study of partially strained SiGe layers produced via excimer laser processing. Journal of Applied Physics, 1997, 82, 147-154.	2.5	12
139	KrF-excimer-laser-induced native oxide removal from Si(100) surfaces studied by Auger electron spectroscopy. Applied Physics A: Materials Science and Processing, 1996, 62, 103-114.	2.3	17
140	Laser-induced integrated processing for heteroepitaxial Si _x Ge(1-x) alloys. Applied Surface Science, 1996, 102, 42-46.	6.1	8
141	UHV-CVD Ge/Si(100) heteroepitaxy monitored by in situ ellipsometry. Applied Surface Science, 1996, 102, 52-56.	6.1	7
142	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. Applied Surface Science, 1996, 104-105, 349-353.	6.1	14
143	ArF excimer laser epitaxy of Si _x Ge(1-x) alloys studied by XRD and XPS. Applied Surface Science, 1996, 106, 179-185.	6.1	9
144	KrF-excimer-laser-induced native oxide removal from Si(100) surfaces studied by Auger electron spectroscopy. Applied Physics A: Materials Science and Processing, 1996, 62, 103-114.	2.3	0

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145	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
146	Cr, Sn and interface formation studied by synchrotron radiation induced UPS. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995, 76, 499-504.	1.7	7
147	A synchrotron radiation photoemission study of the oxidation of tin. <i>Surface Science</i> , 1994, 313, 379-391.	1.9	64
148	Gas and Adsorbed-Phase UV Photochemistry of Tetramethyltin (TMT) Probed by In-Situ Optical Diagnostics and Surface-Sensitive Techniques. , 1994, , 133-151.		0
149	Multiphoton dissociation of zinc dialkyls probed by resonance-enhanced multiphoton ionization. <i>Chemical Physics Letters</i> , 1993, 203, 15-20.	2.6	0
150	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
151	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
152	Resonant production of doubly charged tin ions in the multiphoton ionization of tin alkyls. <i>Chemical Physics Letters</i> , 1992, 199, 605-608.	2.6	2
153	ArF excimer laser photolysis of tetramethyltin Sn(CH ₃) ₄ probed by dye-laser-induced resonant multiphoton ionization. , 1990, 1279, 170.		0
154	Photoprocesses in organometallics. <i>Applied Surface Science</i> , 1990, 46, 19-26.	6.1	10
155	Excimer laser photolysis of Zn dialkyls for Zn deposition. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1989, 11, 1603-1613.	0.4	2
156	Excimer laser photolysis of organometallic compounds for Zn deposition. <i>Applied Surface Science</i> , 1989, 36, 221-230.	6.1	7
157	Laser-induced dissociation of polychlorinated biphenyls in the liquid phase. <i>Chemical Physics Letters</i> , 1988, 143, 245-250.	2.6	7
158	Laser multiphoton mass spectroscopy of zinc dialkyls. <i>Chemical Physics Letters</i> , 1988, 147, 161-167.	2.6	8
159	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
160	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
161	Excimer laser photolysis of organometallic compounds monitored by laser mass spectroscopy. <i>Journal of Crystal Growth</i> , 1986, 77, 235-240.	1.5	13
162	Isotope selective ionization of tellurium dimers Te ₂ formed by excimer laser photodissociation of an organometallic compound: CH ₃ TeTeCH ₃ . <i>Applied Physics B, Photophysics and Laser Chemistry</i> , 1986, 41, 213-215.	1.5	4

#	ARTICLE	IF	CITATIONS
163	Multiple-photon excitation spectra of SiH ₄ measured in the 10 $\hat{1}$ / ₄ m range by a continuously tunable CO ₂ laser. Chemical Physics Letters, 1985, 122, 480-488.	2.6	23