

Luca Lozzi

List of Publications by Year in descending order

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papers

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71102

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88630

70
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200
docs citations

200
times ranked

6474
citing authors

#	ARTICLE	IF	CITATIONS
1	Layered amorphous a-SnO ₂ gas sensors by controlled oxidation of 2D-SnSe ₂ . Sensors and Actuators B: Chemical, 2022, 350, 130890.	7.8	10
2	Easy Fabrication of Performant SWCNT-Si Photodetector. Electronics (Switzerland), 2022, 11, 271.	3.1	6
3	Formation of a two-dimensional oxide <i>via</i> oxidation of a layered material. Physical Chemistry Chemical Physics, 2022, 24, 13935-13940.	2.8	1
4	Bidimensional Engineered Amorphous <i>a</i> -SnO ₂ Interfaces: Synthesis and Gas Sensing Response to H ₂ S and Humidity. ACS Sensors, 2022, 7, 2058-2068.	7.8	10
5	Emerging oxidized and defective phases in low-dimensional CrCl ₃ . Nanoscale Advances, 2021, 3, 4756-4766.	4.6	12
6	Cerium oxide nanoparticles reduce the accumulation of autofluorescent deposits in light-induced retinal degeneration: Insights for age-related macular degeneration. Experimental Eye Research, 2020, 199, 108169.	2.6	13
7	Enhanced Electrocatalytic Activity in GaSe and InSe Nanosheets: The Role of Surface Oxides. Advanced Functional Materials, 2020, 30, 2005466.	14.9	35
8	Sustainable Liquid-Phase Exfoliation of Layered Materials with Nontoxic Polarclean Solvent. ACS Sustainable Chemistry and Engineering, 2020, 8, 18830-18840.	6.7	36
9	Nanoceria Particles Are an Eligible Candidate to Prevent Age-Related Macular Degeneration by Inhibiting Retinal Pigment Epithelium Cell Death and Autophagy Alterations. Cells, 2020, 9, 1617.	4.1	17
10	Bias Tunable Photocurrent in Metal-Insulator-Semiconductor Heterostructures with Photoresponse Enhanced by Carbon Nanotubes. Nanomaterials, 2019, 9, 1598.	4.1	29
11	Retinal long term neuroprotection by Cerium Oxide nanoparticles after an acute damage induced by high intensity light exposure. Experimental Eye Research, 2019, 182, 30-38.	2.6	25
12	MS2 bacteriophage inactivation using a N-doped TiO ₂ -coated photocatalytic membrane reactor: Influence of water-quality parameters. Chemical Engineering Journal, 2018, 354, 995-1006.	12.7	42
13	Fluorescent light induces neurodegeneration in the rodent nigrostriatal system but near infrared LED light does not. Brain Research, 2017, 1662, 87-101.	2.2	20
14	Electronic structure investigation of biphenylene films. Journal of Chemical Physics, 2017, 146, 054705.	3.0	16
15	N-Doped TiO ₂ -Coated Ceramic Membrane for Carbamazepine Degradation in Different Water Qualities. Nanomaterials, 2017, 7, 206.	4.1	32
16	WO ₃ /TiO ₂ composite coatings: Structural, optical and photocatalytic properties. Materials Research Bulletin, 2016, 83, 217-224.	5.2	57
17	Carbamazepine degradation using a N-doped TiO ₂ coated photocatalytic membrane reactor: Influence of physical parameters. Journal of Hazardous Materials, 2016, 310, 98-107.	12.4	115
18	Characterization of gas phase iron phthalocyanine with X-ray photoelectron and absorption spectroscopies. Physica Status Solidi (B): Basic Research, 2015, 252, 1259-1265.	1.5	10

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19	Polyaniline Modified Thin-film Array for Sensor Applications. Lecture Notes in Electrical Engineering, 2015, , 123-127.	0.4	1
20	Development of molecularly imprinted polymeric nanofibers by electrospinning and applications to pesticide adsorption. Journal of Separation Science, 2015, 38, 1402-1410.	2.5	38
21	Surface characterisation and photocatalytic performance of N-doped TiO ₂ thin films deposited onto 200Ånm pore size alumina membranes by sol-gel methods. Materials Chemistry and Physics, 2015, 159, 25-37.	4.0	19
22	Atomic contributions to the valence band photoelectron spectra of metal-free, iron and manganese phthalocyanines. Journal of Electron Spectroscopy and Related Phenomena, 2015, 205, 92-97.	1.7	9
23	Eyes as Gateways for Environmental Light to the Substantia Nigra: Relevance in Parkinson's Disease. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	6
24	Electrospun conjugated polymer nanofibers as miniaturized light sources: control of morphology, optical properties, and assembly. , 2014, , .		0
25	Elucidating the 3d Electronic Configuration in Manganese Phthalocyanine. Journal of Physical Chemistry A, 2014, 118, 927-932.	2.5	43
26	The role of physical and operational parameters in photocatalysis by N-doped TiO ₂ sol-gel thin films. Chemical Engineering Journal, 2014, 257, 159-169.	12.7	44
27	Impact of water quality on removal of carbamazepine in natural waters by N-doped TiO ₂ photo-catalytic thin film surfaces. Journal of Hazardous Materials, 2013, 244-245, 463-471.	12.4	67
28	Electrospun Cu-, W- and Fe-doped TiO ₂ nanofibres for photocatalytic degradation of rhodamine 6G. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	32
29	Near-field electrospinning of light-emitting conjugated polymer nanofibers. Nanoscale, 2013, 5, 11637.	5.6	66
30	Preparation of nitrogen doped TiO ₂ nanofibers by near field electrospinning (NFES) technique for NO ₂ sensing. Sensors and Actuators B: Chemical, 2013, 179, 107-113.	7.8	31
31	Bright light exposure reduces TH-positive dopamine neurons: implications of light pollution in Parkinson's disease epidemiology. Scientific Reports, 2013, 3, 1395.	3.3	44
32	N-Doped TiO ₂ Nanofibers Deposited by Electrospinning. Journal of Physical Chemistry C, 2012, 116, 18427-18431.	3.1	52
33	A multitechnique study of archaeological bronzes: part II. Surface and Interface Analysis, 2011, 43, 1120-1127.	1.8	5
34	Au/CuPc interface: A valence band photoemission investigation. Journal of Chemical Physics, 2011, 134, 114709.	3.0	13
35	Well-aligned TiO ₂ nanofibers grown by near-field-electrospinning. Journal of Vacuum Science & Technology B, 2009, 27, 1829.	1.3	28
36	Aligned carbon nanotube thin films for DNA electrochemical sensing. Electrochimica Acta, 2009, 54, 5035-5041.	5.2	52

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37	A multitechnique study of archeological bronzes. <i>Surface and Interface Analysis</i> , 2008, 40, 464-468.	1.8	13
38	Effect of thermal treatment on morphology and electrical transport properties of carbon nanotubes film. <i>Journal of Physics: Conference Series</i> , 2008, 100, 012012.	0.4	5
39	Catalytic role of adsorbates in the photoluminescence emission of Si nanocrystals. <i>Physical Review B</i> , 2008, 78, .	3.2	18
40	Investigation on copper phthalocyanine/multiwalled carbon nanotube interface. <i>Journal of Applied Physics</i> , 2008, 104, 033701.	2.5	16
41	NEW NANOSTRUCTURES FOR GENOSENSING. , 2008, , .		0
42	<i>In situ</i> manipulation and electrical characterization of multiwalled carbon nanotubes by using nanomanipulators under scanning electron microscopy. <i>Physical Review B</i> , 2007, 76, .	3.2	23
43	Publisher's Note:In situ manipulation and electrical characterization of multiwalled carbon nanotubes by using nanomanipulators under scanning electron microscopy [Phys. Rev. B76, 125415 (2007)]. <i>Physical Review B</i> , 2007, 76, .	3.2	0
44	WO ₃ nanofibers for gas sensing applications. <i>Journal of Applied Physics</i> , 2007, 101, 124504.	2.5	46
45	CuPc:C60 blend film: A photoemission investigation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2006, 24, 1668-1675.	2.1	15
46	PMMA nanofibers production by electrospinning. <i>Applied Surface Science</i> , 2006, 252, 5583-5586.	6.1	65
47	Synthesis, Characterisation of WO ₃ Nanofibers and their Application in Chemical Gas Sensing. <i>Materials Research Society Symposia Proceedings</i> , 2006, 915, 1.	0.1	1
48	Photoemission investigation on copper phthalocyanine:fullerene blend film. <i>Applied Physics Letters</i> , 2006, 88, 133505.	3.3	12
49	Soft-x-ray photoemission spectroscopy and ab initio studies on the adsorption of NO ₂ molecules on defective multiwalled carbon nanotubes. <i>Journal of Chemical Physics</i> , 2005, 123, 034702.	3.0	6
50	Electronic structure of crystalline copper phthalocyanine. <i>Journal of Chemical Physics</i> , 2004, 121, 1883-1889.	3.0	97
51	Ozone adsorption on carbon nanotubes: The role of Stone-Wales defects. <i>Journal of Chemical Physics</i> , 2004, 120, 7147-7152.	3.0	91
52	Au/CuPc interface: Photoemission investigation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2004, 22, 1477-1481.	2.1	28
53	Adsorption of oxidizing gases on multiwalled carbon nanotubes. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2004, 22, 1450-1454.	2.1	15
54	Interaction of methane with carbon nanotube thin films: role of defects and oxygen adsorption. <i>Materials Science and Engineering C</i> , 2004, 24, 527-533.	7.3	45

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55	Carbon nanotubes as new materials for gas sensing applications. Journal of the European Ceramic Society, 2004, 24, 1405-1408.	5.7	125
56	A deeper understanding of the photodesorption mechanism of aligned carbon nanotube thin films by impedance spectroscopy. Thin Solid Films, 2004, 449, 105-112.	1.8	17
57	Effects of oxygen annealing on cross sensitivity of carbon nanotubes thin films for gas sensing applications. Sensors and Actuators B: Chemical, 2004, 100, 33-40.	7.8	38
58	Photoemission and theoretical investigations on NO ₂ doping of copper phthalocyanine thin films. Journal of Electron Spectroscopy and Related Phenomena, 2004, 137-140, 101-105.	1.7	23
59	Role of defects on the gas sensing properties of carbon nanotubes thin films: experiment and theory. Chemical Physics Letters, 2004, 387, 356-361.	2.6	121
60	Ozone adsorption on carbon nanotubes: Ab initio calculations and experiments. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2004, 22, 1466-1470.	2.1	40
61	Highly sensitive and selective sensors based on carbon nanotubes thin films for molecular detection. Diamond and Related Materials, 2004, 13, 1301-1305.	3.9	146
62	Controllable fabrication of aligned carbon nanotubes by pulsed plasma: selective positioning and electrical transport phenomena. Materials Letters, 2004, 58, 470-473.	2.6	10
63	NO ₂ and CO gas adsorption on carbon nanotubes: Experiment and theory. Journal of Chemical Physics, 2003, 119, 10904-10910.	3.0	221
64	Spectroscopic analysis of the structure of amorphous nitrogenated carbon films after wear tests. Thin Solid Films, 2003, 423, 108-114.	1.8	2
65	Core level and valence band investigation of WO ₃ thin films with synchrotron radiation. Thin Solid Films, 2003, 436, 9-16.	1.8	58
66	XPS study of the FCuPc/SiO ₂ interface. Surface Science, 2003, 532-535, 976-981.	1.9	6
67	Surface electronic properties of polycrystalline WO ₃ thin films: a study by core level and valence band photoemission. Surface Science, 2003, 538, 113-123.	1.9	65
68	RT growth of acetonitrile and acrylonitrile on Si(001)-2 \times 1 studied by XPS and LEED. Surface Science, 2003, 540, 55-62.	1.9	5
69	NO ₂ gas sensitivity of carbon nanotubes obtained by plasma enhanced chemical vapor deposition. Sensors and Actuators B: Chemical, 2003, 93, 333-337.	7.8	164
70	Sensitivity to NO ₂ and cross-sensitivity analysis to NH ₃ , ethanol and humidity of carbon nanotubes thin film prepared by PECVD. Sensors and Actuators B: Chemical, 2003, 95, 195-202.	7.8	130
71	Reversible oxidation effects on carbon nanotubes thin films for gas sensing applications. Materials Science and Engineering C, 2003, 23, 523-529.	7.3	83
72	Effects of oxygen annealing on gas sensing properties of carbon nanotube thin films. Thin Solid Films, 2003, 436, 95-100.	1.8	72

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73	Effect of catalyst layer thickness and Ar dilution on the plasma deposition of multi-walled carbon nanotubes. <i>Diamond and Related Materials</i> , 2003, 12, 821-826.	3.9	12
74	Sensors for sub-ppm NO ₂ gas detection based on carbon nanotube thin films. <i>Applied Physics Letters</i> , 2003, 82, 961-963.	3.3	480
75	The comparative effect of two different annealing temperatures and times on the sensitivity and long-term stability of WO ₃ thin films for detecting NO ₂ . <i>IEEE Sensors Journal</i> , 2003, 3, 171-179.	4.7	34
76	Electrical transport properties of conjugated polymer onto self-assembled aligned carbon nanotubes. <i>Diamond and Related Materials</i> , 2003, 12, 1524-1531.	3.9	11
77	Effects of fluorine incorporation on the properties of amorphous carbon/p-type crystalline silicon heterojunction diodes. <i>Journal of Non-Crystalline Solids</i> , 2003, 321, 175-182.	3.1	19
78	Structural and electrical properties of Ta ₂ O ₅ thin films deposited on Si from Ta(OC ₂ H ₅) ₅ precursor. <i>Journal of Non-Crystalline Solids</i> , 2003, 322, 233-239.	3.1	8
79	Pulsed plasma-induced alignment of carbon nanotubes. <i>Materials Letters</i> , 2003, 57, 3699-3704.	2.6	14
80	The effects of silicon nitride and silicon oxynitride intermediate layers on the properties of tantalum pentoxide films on silicon: X-ray photoelectron spectroscopy, X-ray reflectivity and capacitance-voltage studies. <i>Journal of Non-Crystalline Solids</i> , 2003, 322, 225-232.	3.1	11
81	Surface and in depth chemistry of polycrystalline WO ₃ thin films studied by X-ray and soft X-ray photoemission spectroscopies. <i>IEEE Sensors Journal</i> , 2003, 3, 180-188.	4.7	11
82	Scanning Auger microscopy study of W tips for scanning tunneling microscopy. <i>Review of Scientific Instruments</i> , 2003, 74, 3368-3378.	1.3	32
83	Fluorinated amorphous carbon thin films: Analysis of the role of the plasma excitation mode on the structural and mechanical properties. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2003, 21, 1964-1970.	2.1	5
84	Effect of thermal annealing on the electronic properties of nitrogen doped amorphous carbon/p-type crystalline silicon heterojunction diodes. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2003, 21, 582-588.	2.1	7
85	Fluorinated amorphous carbon films prepared by plasma enhanced chemical vapor deposition for solar cell applications. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2003, 21, 1784-1790.	2.1	5
86	Investigation of the NO ₂ sensitivity properties of multiwalled carbon nanotubes prepared by plasma enhanced chemical vapor deposition. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2003, 21, 1996.	1.6	34
87	Helium permeation through a-C:H films deposited on polymeric substrates. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2002, 20, 1647-1652.	2.1	9
88	Formation of carbon nanotubes by plasma enhanced chemical vapor deposition: Role of nitrogen and catalyst layer thickness. <i>Journal of Applied Physics</i> , 2002, 92, 6188-6194.	2.5	50
89	HIGH SPATIAL RESOLUTION SOFT X-RAY PHOTOEMISSION STUDY OF WO ₃ THIN FILMS. <i>Surface Review and Letters</i> , 2002, 09, 375-380.	1.1	3
90	Growth and electronic structure of CuPc on Si(). <i>Surface Science</i> , 2002, 507-510, 351-356.	1.9	6

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91	Electronic Structure of 1,3,5,7-Cyclooctatetraene Chemisorbed on Si(001)-2 \times 1 at 300 K Studied by PES, NEXAFS, and Resonant Valence Band Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4967-4973.	2.6	15
92	Hydrogen concentrations and mass density obtained by X-ray and neutron reflectivity on hydrogenated amorphous carbon nitride thin films. <i>Diamond and Related Materials</i> , 2002, 11, 1188-1192.	3.9	5
93	Analysis of the role of fluorine content on the thermal stability of a-C:H:F thin films. <i>Diamond and Related Materials</i> , 2002, 11, 1100-1105.	3.9	5
94	Influence of nitrogen and temperature on the plasma deposition of fluorinated amorphous carbon films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2002, 20, 1210-1215.	2.1	5
95	Ar dilution effects on hydrogen concentration and mass density obtained by X-ray and neutron reflectivity on hydrogenated amorphous nitride thin films. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1104-s1106.	2.3	1
96	Structural changes of fluorinated amorphous carbon films by nitrogen incorporation. <i>Materials Science in Semiconductor Processing</i> , 2002, 5, 271-277.	4.0	2
97	Nitrogen doping of fluorinated amorphous carbon thin films: structural and optical properties evolution upon thermal annealing. <i>Thin Solid Films</i> , 2002, 408, 291-296.	1.8	8
98	Structural and optical properties of nitrogen and oxygen doped a-C:H coatings. <i>Thin Solid Films</i> , 2002, 415, 195-200.	1.8	10
99	Influence of plasma source frequency on composition and density of fluorinated amorphous carbon thin films. <i>Materials Letters</i> , 2001, 51, 514-518.	2.6	10
100	X-ray reflectivity studies of very thin films of silicon oxide and silicon oxide/silicon nitride stacked structures. <i>Journal of Non-Crystalline Solids</i> , 2001, 280, 228-234.	3.1	4
101	Relationship between the optical and mechanical properties of fluorinated amorphous carbon thin films. <i>Journal of Non-Crystalline Solids</i> , 2001, 291, 153-159.	3.1	20
102	High resolution XPS studies on hexadecafluoro-copper-phthalocyanine deposited onto Si(100) surface. <i>Surface Science</i> , 2001, 470, 265-274.	1.9	34
103	On the spatially resolved electronic structure of polycrystalline WO ₃ films investigated with scanning tunneling spectroscopy. <i>Surface Science</i> , 2001, 475, 73-82.	1.9	27
104	Soft X-ray photoemission spectroscopy study on the interaction between CuPc molecules and Si(100) surface. <i>Surface Science</i> , 2001, 475, 83-92.	1.9	5
105	Structure and mechanical properties of argon assisted carbon nitride films. <i>Thin Solid Films</i> , 2001, 398-399, 124-129.	1.8	12
106	Ar-dilution effects on the elastic and structural properties of hydrogenated hard carbon films deposited by plasma-enhanced chemical vapor deposition. <i>Diamond and Related Materials</i> , 2001, 10, 1088-1092.	3.9	25
107	PHOTOELECTRON SPECTROSCOPY AND SCANNING PROBE MICROSCOPY OF PHTHALOCYANINES ON SILICON. <i>Journal of Applied Physics</i> , 2001, 89, 239-274.		2
108	Effect of nitrogen addition on the elastic and structural properties of amorphous carbon thin films. <i>Thin Solid Films</i> , 2001, 389, 315-320.	1.8	16

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109	The influence of air and vacuum thermal treatments on the NO ₂ gas sensitivity of WO ₃ thin films prepared by thermal evaporation. <i>Thin Solid Films</i> , 2001, 391, 224-228.	1.8	54
110	Ar dilution effects on the elastic properties of hydrogenated amorphous hard-carbon films grown by plasma-enhanced chemical vapor deposition. <i>Journal of Applied Physics</i> , 2001, 89, 1003-1007.	2.5	9
111	Oxygen loss and recovering induced by ultrahigh vacuum and oxygen annealing on WO ₃ thin film surfaces: Influences on the gas response properties. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001, 19, 1467-1473.	2.1	32
112	Structural, morphological, and mechanical properties of plasma deposited hydrogenated amorphous carbon thin films: Ar gas dilution effects. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001, 19, 1611-1616.	2.1	17
113	Fluorinated amorphous carbon thin films: Analysis of the role of the plasma source frequency on the structural and optical properties. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2001, 19, 2168-2173.	2.1	16
114	Structural characterization of bulk ZnWO ₄ prepared by solid state method. <i>Journal of Materials Science</i> , 2000, 35, 4879-4883.	3.7	73
115	Origin, symmetry, and temperature dependence of the perturbation induced by Si extrinsic defects on the Sn/Si(111) $\hat{1}\pm$ surface: A scanning tunneling microscopy study. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2000, 18, 1946-1949.	2.1	3
116	STM investigation of the $\hat{1}\pm$ -Sn/Si(111) phase at 120 K. <i>Surface Science</i> , 2000, 445, L41-L46.	1.9	32
117	X-ray photoemission spectroscopy and scanning tunneling spectroscopy study on the thermal stability of WO ₃ thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2000, 18, 1077-1082.	2.1	46
118	Scanning tunneling microscopy and spectroscopy of tungsten oxide thin films in air. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1999, 17, 1639-1646.	2.1	10
119	Copper hexadecafluoro phthalocyanine and naphthalocyanine: The role of shake up excitations in the interpretation and electronic distinction of high-resolution X-ray photoelectron spectroscopy measurements. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1999, 105, 145-154.	1.7	47
120	Characterisation of aerosol individual particles in a controlled underground area. <i>Atmospheric Environment</i> , 1999, 33, 3603-3611.	4.1	32
121	Interaction of naphthalocyanine with oxygen and with Si(111)7 \hat{A} -7: an in-situ X-ray photoelectron spectroscopy study. <i>Surface Science</i> , 1999, 431, 242-251.	1.9	15
122	X-ray photoelectron spectroscopy studies on hexadecafluoro-copper-phthalocyanine ultrathin films deposited onto Si(100) 2 \hat{A} -1. <i>Surface Science</i> , 1999, 433-435, 157-161.	1.9	11
123	Naphthalocyanine molecules onto Si(111)7 \hat{A} -7 and Si(100)2 \hat{A} -1: modes of adsorption investigated with XPS. <i>Surface Science</i> , 1999, 443, 227-237.	1.9	9
124	Properties of stacked dielectric films composed of SiO ₂ /Si ₃ N ₄ /SiO ₂ . <i>Journal of Non-Crystalline Solids</i> , 1999, 245, 224-231.	3.1	9
125	Preparation and characterization of bulk ZnGa ₂ O ₄ . <i>Journal of Materials Science</i> , 1998, 33, 3969-3973.	3.7	48
126	Thermally induced phase transition in crystalline lead phthalocyanine films investigated by XRD and atomic force microscopy. <i>Applied Surface Science</i> , 1998, 136, 81-86.	6.1	39

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127	Hexadecafluoro-copper-phthalocyanine UHV deposited onto Si (111) 7Å—7 substrate: an XPS study. Surface Science, 1998, 402-404, 518-522.	1.9	22
128	<title>Scanning auger microscopy studies of microelectronic features</title>. , 1998, 3509, 51.		0
129	Compositional characterization of very thin SiO2/Si3N4/SiO2 stacked films by x-ray photoemission spectroscopy and time-of-flight-secondary-ion-mass spectroscopy techniques. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1997, 15, 905-910.	2.1	5
130	Structural and optical properties of alkali halide multilayer LiF:NaF films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1997, 15, 1750-1754.	2.1	3
131	Rectifying behavior of siliconâ€“phthalocyanine junctions investigated with scanning tunneling microscopy/spectroscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1997, 15, 1014-1019.	2.1	27
132	X-ray photoelectron spectroscopy studies of silicon suboxides obtained by the sol-gel method. Journal of Materials Research, 1997, 12, 100-105.	2.6	1
133	NiPC/Si(111)(7 Å— 7) STUDIED WITH XPS, STM AND TAPPING MODE AIR AFM. Surface Review and Letters, 1997, 04, 59-64.	1.1	16
134	Thin and ultra-thin films of nickel phthalocyanine grown on highly oriented pyrolytic graphite: an XPS, UHV-AFM and air tapping-mode AFM study. Surface Science, 1997, 373, 318-332.	1.9	125
135	PbPC growth on Si surfaces studied with XPS and various SPM techniques. Surface Science, 1997, 392, 52-61.	1.9	35
136	Compositional and electrical properties of SiO2/Si3N4/SiO2 stacked films grown onto silicon substrates and annealed in hydrogen. Journal of Non-Crystalline Solids, 1997, 216, 156-161.	3.1	3
137	Investigation on the electronic structure of Fe deposited onto polycrystalline copper. Surface Science, 1996, 352-354, 572-576.	1.9	2
138	XPS, LEED and AFM investigation of the Si(100) surface after the deposition and annealing of tellurium thin films. Surface Science, 1996, 352-354, 1027-1032.	1.9	14
139	Study by X-ray photoelectron spectroscopy and X-ray diffraction of the growth of TiN thin films obtained by nitridation of Ti layers. Thin Solid Films, 1996, 290-291, 376-380.	1.8	9
140	NO2 sensitivity of WO3 thin film obtained by high vacuum thermal evaporation. Sensors and Actuators B: Chemical, 1996, 31, 81-87.	7.8	181
141	Influence of non-dipolar terms on the Cu L2,3 and M2,3 electron energy loss fine structure (EELFS) spectra in transmission and reflection mode. Journal of Electron Spectroscopy and Related Phenomena, 1996, 82, 1-12.	1.7	8
142	Microstructural effect on NO2 sensitivity of WO3 thin film gas sensors Part 1. Thin film devices, sensors and actuators. Thin Solid Films, 1996, 287, 258-265.	1.8	81
143	Cross sensitivity and stability of NO2 sensors from WO3 thin film. Sensors and Actuators B: Chemical, 1996, 35, 112-118.	7.8	115
144	Compositional Characterization of Very Thin SiO2/Si3N4/SiO2 Stacked Films by XPS Using The â€œAuger Parameter Methodâ€“. Materials Research Society Symposia Proceedings, 1995, 382, 437.	0.1	0

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145	XPS, AES and Leed Studies of The Interaction Between The Si(100) 2Å—1 Surface and Cadmium Deposited at Room Temperature. Materials Research Society Symposia Proceedings, 1995, 382, 413.	0.1	0
146	Growth of Te thin films deposited at room temperature on the Si(100)2 Å— 1 surface. Journal of Electron Spectroscopy and Related Phenomena, 1995, 71, 39-45.	1.7	18
147	EXFAS studies on the thermal behaviour of copper surface. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 223-227.	1.7	3
148	The use of the Auger parameter in the characterisation of some silicon compounds. Journal of Electron Spectroscopy and Related Phenomena, 1995, 72, 97-100.	1.7	13
149	Reactivity towards oxygen of surfaces investigated by ultraviolet photoelectron spectroscopy, X-ray photoelectron spectroscopy and low energy electron diffraction spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 1995, 74, 129-134.	1.7	6
150	XPS analysis on SiO ₂ sol-gel thin films. Journal of Electron Spectroscopy and Related Phenomena, 1995, 76, 623-628.	1.7	10
151	Electronic properties of crystalline and amorphous SiO ₂ investigated via all-electron calculations and photoemission spectroscopy. Solid State Communications, 1995, 95, 313-317.	1.9	26
152	Production and characterization of multilayer KCl:LiF thin films on glass. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1995, 13, 1013-1016.	2.1	9
153	Oxidation of the Fe/Cu(100) interface. Surface Science, 1995, 331-333, 703-709.	1.9	22
154	Electron spectroscopy investigation of Te thin films deposited at room temperature on Si(100) 2 Å— 1. Surface Science, 1995, 331-333, 569-574.	1.9	14
155	UPS, XPS, AES STUDIES OF Te THIN FILMS DEPOSITED ON Si(100) 2Å—1. Surface Review and Letters, 1994, 01, 589-592.	1.1	1
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