

Luca Lozzi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

194
papers

5,269
citations

39
h-index

65
g-index

200
ext. papers

5,662
ext. citations

3.4
avg, IF

4.98
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 194 | Easy Fabrication of Performant SWCNT-Si Photodetector. <i>Electronics (Switzerland)</i> , 2022 , 11, 271 | 2.6 | 2 |
| 193 | Layered amorphous α -SnO ₂ gas sensors by controlled oxidation of 2D-SnSe ₂ . <i>Sensors and Actuators B: Chemical</i> , 2022 , 350, 130890 | 8.5 | 2 |
| 192 | Emerging oxidized and defective phases in low-dimensional CrCl ₃ . <i>Nanoscale Advances</i> , 2021 , 3, 4756-4766 | | 3 |
| 191 | Nanoceria Particles Are an Eligible Candidate to Prevent Age-Related Macular Degeneration by Inhibiting Retinal Pigment Epithelium Cell Death and Autophagy Alterations. <i>Cells</i> , 2020 , 9, | 7.9 | 10 |
| 190 | Cerium oxide nanoparticles reduce the accumulation of autofluorescent deposits in light-induced retinal degeneration: Insights for age-related macular degeneration. <i>Experimental Eye Research</i> , 2020 , 199, 108169 | 3.7 | 8 |
| 189 | Enhanced Electrocatalytic Activity in GaSe and InSe Nanosheets: The Role of Surface Oxides. <i>Advanced Functional Materials</i> , 2020 , 30, 2005466 | 15.6 | 10 |
| 188 | Sustainable Liquid-Phase Exfoliation of Layered Materials with Nontoxic Polarclean Solvent. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 18830-18840 | 8.3 | 16 |
| 187 | Retinal long term neuroprotection by Cerium Oxide nanoparticles after an acute damage induced by high intensity light exposure. <i>Experimental Eye Research</i> , 2019 , 182, 30-38 | 3.7 | 18 |
| 186 | Bias Tunable Photocurrent in Metal-Insulator-Semiconductor Heterostructures with Photoresponse Enhanced by Carbon Nanotubes. <i>Nanomaterials</i> , 2019 , 9, | 5.4 | 20 |
| 185 | MS2 bacteriophage inactivation using a N-doped TiO ₂ -coated photocatalytic membrane reactor: Influence of water-quality parameters. <i>Chemical Engineering Journal</i> , 2018 , 354, 995-1006 | 14.7 | 27 |
| 184 | Fluorescent light induces neurodegeneration in the rodent nigrostriatal system but near infrared LED light does not. <i>Brain Research</i> , 2017 , 1662, 87-101 | 3.7 | 14 |
| 183 | Electronic structure investigation of biphenylene films. <i>Journal of Chemical Physics</i> , 2017 , 146, 054705 | 3.9 | 13 |
| 182 | N-Doped TiO ₂ Coated Ceramic Membrane for Carbamazepine Degradation in Different Water Qualities. <i>Nanomaterials</i> , 2017 , 7, | 5.4 | 23 |
| 181 | Carbamazepine degradation using a N-doped TiO ₂ coated photocatalytic membrane reactor: Influence of physical parameters. <i>Journal of Hazardous Materials</i> , 2016 , 310, 98-107 | 12.8 | 85 |
| 180 | WO ₃ /TiO ₂ composite coatings: Structural, optical and photocatalytic properties. <i>Materials Research Bulletin</i> , 2016 , 83, 217-224 | 5.1 | 39 |
| 179 | Development of molecularly imprinted polymeric nanofibers by electrospinning and applications to pesticide adsorption. <i>Journal of Separation Science</i> , 2015 , 38, 1402-10 | 3.4 | 29 |
| 178 | Surface characterisation and photocatalytic performance of N-doped TiO ₂ thin films deposited onto 200 nm pore size alumina membranes by sol-gel methods. <i>Materials Chemistry and Physics</i> , 2015 , 159, 25-37 | 4.4 | 15 |

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|-----|---|------|----|
| 177 | Atomic contributions to the valence band photoelectron spectra of metal-free, iron and manganese phthalocyanines. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2015 , 205, 92-97 | 1.7 | 7 |
| 176 | Characterization of gas phase iron phthalocyanine with X-ray photoelectron and absorption spectroscopies. <i>Physica Status Solidi (B): Basic Research</i> , 2015 , 252, 1259-1265 | 1.3 | 9 |
| 175 | Polyaniline Modified Thin-film Array for Sensor Applications. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 123-127 | 0.2 | 1 |
| 174 | Elucidating the 3d electronic configuration in manganese phthalocyanine. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 927-32 | 2.8 | 40 |
| 173 | The role of physical and operational parameters in photocatalysis by N-doped TiO ₂ sol-gel thin films. <i>Chemical Engineering Journal</i> , 2014 , 257, 159-169 | 14.7 | 36 |
| 172 | Eyes as gateways for environmental light to the substantia nigra: relevance in Parkinson's disease. <i>Scientific World Journal, The</i> , 2014 , 2014, 317879 | 2.2 | 5 |
| 171 | Impact of water quality on removal of carbamazepine in natural waters by N-doped TiO ₂ photo-catalytic thin film surfaces. <i>Journal of Hazardous Materials</i> , 2013 , 244-245, 463-71 | 12.8 | 60 |
| 170 | Electrospun Cu-, W- and Fe-doped TiO ₂ nanofibres for photocatalytic degradation of rhodamine 6G. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1 | 2.3 | 28 |
| 169 | Near-field electrospinning of light-emitting conjugated polymer nanofibers. <i>Nanoscale</i> , 2013 , 5, 11637-42.7 | 4.7 | 58 |
| 168 | Preparation of nitrogen doped TiO ₂ nanofibers by near field electrospinning (NFES) technique for NO ₂ sensing. <i>Sensors and Actuators B: Chemical</i> , 2013 , 179, 107-113 | 8.5 | 25 |
| 167 | Bright light exposure reduces TH-positive dopamine neurons: implications of light pollution in Parkinson's disease epidemiology. <i>Scientific Reports</i> , 2013 , 3, 1395 | 4.9 | 29 |
| 166 | N-Doped TiO ₂ Nanofibers Deposited by Electrospinning. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 18427-18431 | 4.7 | 41 |
| 165 | A multitechnique study of archaeological bronzes: part II. <i>Surface and Interface Analysis</i> , 2011 , 43, 1120-1127 | 1.3 | 4 |
| 164 | Au/TiO ₂ /Pc interface: a valence band photoemission investigation. <i>Journal of Chemical Physics</i> , 2011 , 134, 114709 | 3.9 | 11 |
| 163 | Well-aligned TiO ₂ nanofibers grown by near-field-electrospinning. <i>Journal of Vacuum Science & Technology B</i> , 2009 , 27, 1829 | | 28 |
| 162 | Aligned carbon nanotube thin films for DNA electrochemical sensing. <i>Electrochimica Acta</i> , 2009 , 54, 5035-5041 | 5.0 | 45 |
| 161 | Effect of thermal treatment on morphology and electrical transport properties of carbon nanotubes film. <i>Journal of Physics: Conference Series</i> , 2008 , 100, 012012 | 0.3 | 4 |
| 160 | Catalytic role of adsorbates in the photoluminescence emission of Si nanocrystals. <i>Physical Review B</i> , 2008 , 78, | 3.3 | 17 |

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|-----|---|-----|-----|
| 159 | Investigation on copper phthalocyanine/multiwalled carbon nanotube interface. <i>Journal of Applied Physics</i> , 2008 , 104, 033701 | 2.5 | 14 |
| 158 | A multitechnique study of archeological bronzes. <i>Surface and Interface Analysis</i> , 2008 , 40, 464-468 | 1.5 | 9 |
| 157 | WO ₃ nanofibers for gas sensing applications. <i>Journal of Applied Physics</i> , 2007 , 101, 124504 | 2.5 | 43 |
| 156 | In situ manipulation and electrical characterization of multiwalled carbon nanotubes by using nanomanipulators under scanning electron microscopy. <i>Physical Review B</i> , 2007 , 76, | 3.3 | 22 |
| 155 | Synthesis, Characterisation of WO ₃ Nanofibers and their Application in Chemical Gas Sensing. <i>Materials Research Society Symposia Proceedings</i> , 2006 , 915, 1 | | 1 |
| 154 | Photoemission investigation on copper phthalocyanine:fullerene blend film. <i>Applied Physics Letters</i> , 2006 , 88, 133505 | 3.4 | 11 |
| 153 | CuPc:C60 blend film: A photoemission investigation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2006 , 24, 1668-1675 | 2.9 | 13 |
| 152 | PMMA nanofibers production by electrospinning. <i>Applied Surface Science</i> , 2006 , 252, 5583-5586 | 6.7 | 55 |
| 151 | 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, 34702 | 3.9 | 5 |
| 150 | Electronic structure of crystalline copper phthalocyanine. <i>Journal of Chemical Physics</i> , 2004 , 121, 1883-9 | 3.9 | 82 |
| 149 | Ozone adsorption on carbon nanotubes: the role of Stone-Wales defects. <i>Journal of Chemical Physics</i> , 2004 , 120, 7147-52 | 3.9 | 85 |
| 148 | Au/CuPc interface: Photoemission investigation. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2004 , 22, 1477-1481 | 2.9 | 25 |
| 147 | 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 | 2.9 | 14 |
| 146 | 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 | 8.3 | 39 |
| 145 | Carbon nanotubes as new materials for gas sensing applications. <i>Journal of the European Ceramic Society</i> , 2004 , 24, 1405-1408 | 6 | 115 |
| 144 | A deeper understanding of the photodesorption mechanism of aligned carbon nanotube thin films by impedance spectroscopy. <i>Thin Solid Films</i> , 2004 , 449, 105-112 | 2.2 | 17 |
| 143 | Effects of oxygen annealing on cross sensitivity of carbon nanotubes thin films for gas sensing applications. <i>Sensors and Actuators B: Chemical</i> , 2004 , 100, 33-40 | 8.5 | 35 |
| 142 | Photoemission and theoretical investigations on NO ₂ doping of copper phthalocyanine thin films. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2004 , 137-140, 101-105 | 1.7 | 23 |

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|-----|---|-----|-----|
| 141 | Role of defects on the gas sensing properties of carbon nanotubes thin films: experiment and theory. <i>Chemical Physics Letters</i> , 2004 , 387, 356-361 | 2.5 | 113 |
| 140 | Ozone adsorption on carbon nanotubes: Ab initio calculations and experiments. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2004 , 22, 1466-1470 | 2.9 | 33 |
| 139 | Highly sensitive and selective sensors based on carbon nanotubes thin films for molecular detection. <i>Diamond and Related Materials</i> , 2004 , 13, 1301-1305 | 3.5 | 125 |
| 138 | Controllable fabrication of aligned carbon nanotubes by pulsed plasma: selective positioning and electrical transport phenomena. <i>Materials Letters</i> , 2004 , 58, 470-473 | 3.3 | 9 |
| 137 | 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 | | 32 |
| 136 | NO ₂ and CO gas adsorption on carbon nanotubes: Experiment and theory. <i>Journal of Chemical Physics</i> , 2003 , 119, 10904-10910 | 3.9 | 199 |
| 135 | Spectroscopic analysis of the structure of amorphous nitrogenated carbon films after wear tests. <i>Thin Solid Films</i> , 2003 , 423, 108-114 | 2.2 | 2 |
| 134 | Core level and valence band investigation of WO ₃ thin films with synchrotron radiation. <i>Thin Solid Films</i> , 2003 , 436, 9-16 | 2.2 | 54 |
| 133 | XPS study of the FCuPc/SiO ₂ interface. <i>Surface Science</i> , 2003 , 532-535, 976-981 | 1.8 | 5 |
| 132 | Surface electronic properties of polycrystalline WO ₃ thin films: a study by core level and valence band photoemission. <i>Surface Science</i> , 2003 , 538, 113-123 | 1.8 | 56 |
| 131 | RT growth of acetonitrile and acrylonitrile on Si(001)-2 \times 1 studied by XPS and LEED. <i>Surface Science</i> , 2003 , 540, 55-62 | 1.8 | 4 |
| 130 | NO ₂ gas sensitivity of carbon nanotubes obtained by plasma enhanced chemical vapor deposition. <i>Sensors and Actuators B: Chemical</i> , 2003 , 93, 333-337 | 8.5 | 150 |
| 129 | Sensitivity to NO ₂ and cross-sensitivity analysis to NH ₃ , ethanol and humidity of carbon nanotubes thin film prepared by PECVD. <i>Sensors and Actuators B: Chemical</i> , 2003 , 95, 195-202 | 8.5 | 118 |
| 128 | Reversible oxidation effects on carbon nanotubes thin films for gas sensing applications. <i>Materials Science and Engineering C</i> , 2003 , 23, 523-529 | 8.3 | 77 |
| 127 | Effects of oxygen annealing on gas sensing properties of carbon nanotube thin films. <i>Thin Solid Films</i> , 2003 , 436, 95-100 | 2.2 | 65 |
| 126 | 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 | 3.5 | 11 |
| 125 | Sensors for sub-ppm NO ₂ gas detection based on carbon nanotube thin films. <i>Applied Physics Letters</i> , 2003 , 82, 961-963 | 3.4 | 434 |
| 124 | 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 | 28 |

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|-----|---|-----|----|
| 123 | Electrical transport properties of conjugated polymer onto self-assembled aligned carbon nanotubes. <i>Diamond and Related Materials</i> , 2003 , 12, 1524-1531 | 3.5 | 9 |
| 122 | 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 | 3.9 | 16 |
| 121 | Structural and electrical properties of Ta2O5 thin films deposited on Si from Ta(OC2H5)5 precursor. <i>Journal of Non-Crystalline Solids</i> , 2003 , 322, 233-239 | 3.9 | 8 |
| 120 | Pulsed plasma-induced alignment of carbon nanotubes. <i>Materials Letters</i> , 2003 , 57, 3699-3704 | 3.3 | 13 |
| 119 | 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 | 3.9 | 11 |
| 118 | Surface and in depth chemistry of polycrystalline WO3 thin films studied by X-ray and soft X-ray photoemission spectroscopies. <i>IEEE Sensors Journal</i> , 2003 , 3, 180-188 | 4 | 11 |
| 117 | Scanning Auger microscopy study of W tips for scanning tunneling microscopy. <i>Review of Scientific Instruments</i> , 2003 , 74, 3368-3378 | 1.7 | 30 |
| 116 | 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 | 2.9 | 5 |
| 115 | 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 | 2.9 | 6 |
| 114 | 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 | 2.9 | 5 |
| 113 | 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 | 2.6 | 1 |
| 112 | Structural changes of fluorinated amorphous carbon films by nitrogen incorporation. <i>Materials Science in Semiconductor Processing</i> , 2002 , 5, 271-277 | 4.3 | 2 |
| 111 | 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 | 2.2 | 8 |
| 110 | Structural and optical properties of nitrogen and oxygen doped a-C:H coatings. <i>Thin Solid Films</i> , 2002 , 415, 195-200 | 2.2 | 9 |
| 109 | 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 | 2.9 | 8 |
| 108 | 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 | 47 |
| 107 | HIGH SPATIAL RESOLUTION SOFT X-RAY PHOTOEMISSION STUDY OF WO3 THIN FILMS. <i>Surface Review and Letters</i> , 2002 , 09, 375-380 | 1.1 | 3 |
| 106 | Growth and electronic structure of CuFPC on Si(). <i>Surface Science</i> , 2002 , 507-510, 351-356 | 1.8 | 6 |

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|-----|---|-----|----|
| 105 | 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 | 3.4 | 15 |
| 104 | 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 | 3.5 | 5 |
| 103 | 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 | 3.5 | 5 |
| 102 | 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 | 2.9 | 5 |
| 101 | Effect of nitrogen addition on the elastic and structural properties of amorphous carbon thin films. <i>Thin Solid Films</i> , 2001 , 389, 315-320 | 2.2 | 15 |
| 100 | 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 | 2.2 | 49 |
| 99 | 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 | 8 |
| 98 | 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 | 2.9 | 30 |
| 97 | 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 | 2.9 | 16 |
| 96 | 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 | 2.9 | 15 |
| 95 | Influence of plasma source frequency on composition and density of fluorinated amorphous carbon thin films. <i>Materials Letters</i> , 2001 , 51, 514-518 | 3.3 | 10 |
| 94 | 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 | 3.9 | 4 |
| 93 | Relationship between the optical and mechanical properties of fluorinated amorphous carbon thin films. <i>Journal of Non-Crystalline Solids</i> , 2001 , 291, 153-159 | 3.9 | 20 |
| 92 | High resolution XPS studies on hexadecafluoro-copper-phthalocyanine deposited onto Si(1 \times 1) $\sqrt{3}$ surface. <i>Surface Science</i> , 2001 , 470, 265-274 | 1.8 | 30 |
| 91 | On the spatially resolved electronic structure of polycrystalline WO ₃ films investigated with scanning tunneling spectroscopy. <i>Surface Science</i> , 2001 , 475, 73-82 | 1.8 | 24 |
| 90 | Soft X-ray photoemission spectroscopy study on the interaction between CuPc molecules and Si(1 \times 1) $\sqrt{3}$ surface. <i>Surface Science</i> , 2001 , 482-485, 669-674 | 1.8 | 4 |
| 89 | Structure and mechanical properties of argon assisted carbon nitride films. <i>Thin Solid Films</i> , 2001 , 398-399, 124-129 | 2.2 | 10 |
| 88 | 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 | 3.5 | 24 |

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| 87 | PHOTOELECTRON SPECTROSCOPY AND SCANNING PROBE MICROSCOPY OF PHTHALOCYANINES ON SILICON 2001 , 239-274 | | |
| 86 | Structural characterization of bulk ZnWO ₄ prepared by solid state method. <i>Journal of Materials Science</i> , 2000 , 35, 4879-4883 | 4.3 | 69 |
| 85 | Origin, symmetry, and temperature dependence of the perturbation induced by Si extrinsic defects on the Sn/Si(111) surface: A scanning tunneling microscopy study. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2000 , 18, 1946-1949 | 2.9 | 2 |
| 84 | STM investigation of the Sn/Si(111) phase at 120 K. <i>Surface Science</i> , 2000 , 445, L41-L46 | 1.8 | 29 |
| 83 | 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 | 2.9 | 43 |
| 82 | 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 | 2.9 | 10 |
| 81 | 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 | 42 |
| 80 | Characterisation of aerosol individual particles in a controlled underground area. <i>Atmospheric Environment</i> , 1999 , 33, 3603-3611 | 5.3 | 30 |
| 79 | Interaction of naphthalocyanine with oxygen and with Si(111)7 \times 7: an in-situ X-ray photoelectron spectroscopy study. <i>Surface Science</i> , 1999 , 431, 242-251 | 1.8 | 14 |
| 78 | X-ray photoelectron spectroscopy studies on hexadecafluoro-copper-phthalocyanine ultrathin films deposited onto Si(100) 2 \times 1. <i>Surface Science</i> , 1999 , 433-435, 157-161 | 1.8 | 11 |
| 77 | Naphthalocyanine molecules onto Si(111)7 \times 7 and Si(100)2 \times 1: modes of adsorption investigated with XPS. <i>Surface Science</i> , 1999 , 443, 227-237 | 1.8 | 5 |
| 76 | 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 | 3.9 | 7 |
| 75 | Preparation and characterization of bulk ZnGa ₂ O ₄ . <i>Journal of Materials Science</i> , 1998 , 33, 3969-3973 | 4.3 | 42 |
| 74 | 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 | 6.7 | 36 |
| 73 | Hexadecafluoro-copper-phthalocyanine UHV deposited onto Si (111) 7 \times 7 substrate: an XPS study. <i>Surface Science</i> , 1998 , 402-404, 518-522 | 1.8 | 20 |
| 72 | Scanning auger microscopy studies of microelectronic features 1998 , 3509, 51 | | |
| 71 | Compositional characterization of very thin SiO ₂ /Si ₃ N ₄ /SiO ₂ stacked films by x-ray photoemission spectroscopy and time-of-flight-secondary-ion-mass spectroscopy techniques. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1997 , 15, 905-910 | 2.9 | 5 |
| 70 | Structural and optical properties of alkali halide multilayer LiF:NaF films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1997 , 15, 1750-1754 | 2.9 | 3 |

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| 69 | Rectifying behavior of silicon phthalocyanine junctions investigated with scanning tunneling microscopy/spectroscopy. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1997 , 15, 1014-1019 | 2.9 | 25 |
| 68 | X-ray photoelectron spectroscopy studies of silicon suboxides obtained by the sol-gel method. <i>Journal of Materials Research</i> , 1997 , 12, 100-105 | 2.5 | 1 |
| 67 | NiPC/Si(111)(7 × 7) STUDIED WITH XPS, STM AND TAPPING MODE AIR AFM. <i>Surface Review and Letters</i> , 1997 , 04, 59-64 | 1.1 | 15 |
| 66 | Thin and ultra-thin films of nickel phthalocyanine grown on highly oriented pyrolytic graphite: an XPS, UHV-AFM and air tapping-mode AFM study. <i>Surface Science</i> , 1997 , 373, 318-332 | 1.8 | 117 |
| 65 | PbPC growth on Si surfaces studied with XPS and various SPM techniques. <i>Surface Science</i> , 1997 , 392, 52-61 | 1.8 | 30 |
| 64 | Compositional and electrical properties of SiO ₂ /Si ₃ N ₄ /SiO ₂ stacked films grown onto silicon substrates and annealed in hydrogen. <i>Journal of Non-Crystalline Solids</i> , 1997 , 216, 156-161 | 3.9 | 3 |
| 63 | Investigation on the electronic structure of Fe deposited onto polycrystalline copper. <i>Surface Science</i> , 1996 , 352-354, 572-576 | 1.8 | 2 |
| 62 | XPS, LEED and AFM investigation of the Si(100) surface after the deposition and annealing of tellurium thin films. <i>Surface Science</i> , 1996 , 352-354, 1027-1032 | 1.8 | 13 |
| 61 | Study by X-ray photoelectron spectroscopy and X-ray diffraction of the growth of TiN thin films obtained by nitridation of Ti layers. <i>Thin Solid Films</i> , 1996 , 290-291, 376-380 | 2.2 | 7 |
| 60 | NO ₂ sensitivity of WO ₃ thin film obtained by high vacuum thermal evaporation. <i>Sensors and Actuators B: Chemical</i> , 1996 , 31, 81-87 | 8.5 | 165 |
| 59 | Influence of non-dipolar terms on the Cu L _{2,3} and M _{2,3} electron energy loss fine structure (EELFS) spectra in transmission and reflection mode. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1996 , 82, 1-12 | 1.7 | 6 |
| 58 | Microstructural effect on NO ₂ sensitivity of WO ₃ thin film gas sensors Part 1. Thin film devices, sensors and actuators. <i>Thin Solid Films</i> , 1996 , 287, 258-265 | 2.2 | 73 |
| 57 | Cross sensitivity and stability of NO ₂ sensors from WO ₃ thin film. <i>Sensors and Actuators B: Chemical</i> , 1996 , 35, 112-118 | 8.5 | 102 |
| 56 | Growth of Te thin films deposited at room temperature on the Si(100)2 × 1 surface. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995 , 71, 39-45 | 1.7 | 16 |
| 55 | EXFAS studies on the thermal behaviour of copper surface. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995 , 72, 223-227 | 1.7 | 3 |
| 54 | The use of the Auger parameter in the characterisation of some silicon compounds. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995 , 72, 97-100 | 1.7 | 13 |
| 53 | Reactivity towards oxygen of surfaces investigated by ultraviolet photoelectron spectroscopy, X-ray photoelectron spectroscopy and low energy electron diffraction spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995 , 74, 129-134 | 1.7 | 6 |
| 52 | XPS analysis on SiO ₂ sol-gel thin films. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1995 , 76, 623-628 | 1.7 | 8 |

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