

# Daniela Manno

## List of Publications by Year in descending order

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148  
papers

3,348  
citations

159585

30  
h-index

189892

50  
g-index

150  
all docs

150  
docs citations

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times ranked

4746  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | A new amperometric nanostructured sensor for the analytical determination of hydrogen peroxide. <i>Biosensors and Bioelectronics</i> , 2008, 24, 1057-1063.  | 10.1 | 197       |
| 2  | WO <sub>3</sub> gas sensors prepared by thermal oxidization of tungsten. <i>Sensors and Actuators B: Chemical</i> , 2008, 133, 321-326.  | 7.8  | 175       |
| 3  | Poly(vinyl alcohol) capped silver nanoparticles as localized surface plasmon resonance-based hydrogen peroxide sensor. <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 625-630.                          | 7.8  | 167       |
| 4  | Size-dependent lattice contraction in CdS nanocrystals embedded in glass observed by Raman scattering. <i>Physical Review B</i> , 1992, 45, 13792-13795.   | 3.2  | 136       |
| 5  | Green synthesis of silver nanoparticles with sucrose and maltose: Morphological and structural characterization. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 344-350.                                | 3.1  | 118       |
| 6  | Physical and structural characterization of tungsten oxide thin films for NO gas detection. <i>Thin Solid Films</i> , 1998, 324, 44-51.  | 1.8  | 94        |
| 7  | Green synthesis of sucralose-capped silver nanoparticles for fast colorimetric triethylamine detection. <i>Sensors and Actuators B: Chemical</i> , 2013, 178, 1-9.   | 7.8  | 88        |
| 8  | Characterization of African dust over southern Italy. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 2147-2159.   | 4.9  | 81        |
| 9  | Synthesis and characterization of ZnS nanoparticles in water/AOT/n-heptane microemulsions. <i>Applied Physics A: Materials Science and Processing</i> , 1999, 69, 369-373.                                     | 2.3  | 70        |
| 10 | Synthesis and characterization of starch-stabilized Ag nanostructures for sensors applications. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 5515-5520.   | 3.1  | 70        |
| 11 | Aligning Single-Walled Carbon Nanotubes By Means Of Langmuir-Blodgett Film Deposition: Optical, Morphological, and Photoelectrochemical Studies. <i>Advanced Functional Materials</i> , 2010, 20, 2481-2488.   | 14.9 | 70        |
| 12 | Titanium oxide thin films for NH <sub>3</sub> monitoring: Structural and physical characterizations. <i>Journal of Applied Physics</i> , 1997, 82, 54-59.  | 2.5  | 69        |
| 13 | Highly selective hydrogenation of quinolines promoted by recyclable polymer supported palladium nanoparticles under mild conditions in aqueous medium. <i>Applied Catalysis A: General</i> , 2014, 481, 89-95. | 4.3  | 64        |
| 14 | Structural and electrical properties of sputtered vanadium oxide thin films for applications as gas sensing material. <i>Journal of Applied Physics</i> , 1997, 81, 2709-2714.                                 | 2.5  | 56        |
| 15 | Non-functionalized silver nanoparticles for a localized surface plasmon resonance-based glucose sensor. <i>Nanotechnology</i> , 2009, 20, 165501.  | 2.6  | 56        |
| 16 | Porphyrim Dimers Linked by a Conjugated Alkyne Bridge: Novel Moieties for the Growth of Langmuir-Blodgett Films and Their Applications in Gas Sensors. <i>Langmuir</i> , 1997, 13, 5951-5956.                  | 3.5  | 49        |
| 17 | Effects of thermal annealing on optical absorption of amorphous indium selenide thin films. <i>Solar Energy Materials and Solar Cells</i> , 1987, 15, 209-218.   | 0.4  | 44        |
| 18 | Kinetic behavior analysis of porphyrim Langmuir-Blodgett films for conductive gas sensors. <i>Journal of Applied Physics</i> , 1998, 84, 1416-1420.  | 2.5  | 44        |

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|----|--|-----|-----------|
| 19 | Gas-sensing properties of sputtered thin films of tungsten oxide. <i>Journal Physics D: Applied Physics</i> , 1997, 30, 3211-3215.   | 2.8 | 42        |
| 20 | Gas-sensing properties of porphyrin dimer Langmuir-Blodgett films. <i>Thin Solid Films</i> , 1998, 327-329, 341-344.   | 1.8 | 41        |
| 21 | Enhanced electrical conductivity of collagen films through long-range aligned iron oxide nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 501, 185-191.                                  | 9.4 | 40        |
| 22 | Aligned arrays of carbon nanotubes: modulation of orientation and selected-area growth. <i>Chemical Physics Letters</i> , 2003, 367, 109-115.  | 2.6 | 39        |
| 23 | The influence of inulin addition on the morphological and structural properties of durum wheat pasta. <i>International Journal of Food Science and Technology</i> , 2009, 44, 2218-2224.                       | 2.7 | 36        |
| 24 | Structural and electrical properties of In <sub>2</sub> O <sub>3</sub> /SeO <sub>2</sub> mixed oxide thin films for gas sensing applications. <i>Journal of Applied Physics</i> , 2000, 88, 6571-6577.         | 2.5 | 35        |
| 25 | Atomic force acoustic microscopy characterization of nanostructured selenium-tin thin films. <i>Superlattices and Microstructures</i> , 2008, 44, 641-649.   | 3.1 | 35        |
| 26 | The critical role of didodecyldimethylammonium bromide on physico-chemical, technological and biological properties of NLC. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 1-10.                   | 5.0 | 35        |
| 27 | Synthesis and growth mechanism of dendritic Cu <sub>2</sub> -xSe microstructures. <i>Journal of Alloys and Compounds</i> , 2012, 538, 8-10.  | 5.5 | 34        |
| 28 | Structural and electrical properties of In <sub>2</sub> O <sub>3</sub> /SeO <sub>2</sub> thin films for gas-sensing applications. <i>Journal Physics D: Applied Physics</i> , 2001, 34, 2097-2102.             | 2.8 | 33        |
| 29 | Physical Properties of Molybdenum Oxide Thin Films for NO Gas Detection. <i>Physica Status Solidi A</i> , 1998, 168, 249-256.  | 1.7 | 32        |
| 30 | Characterization and Growth Mechanism of Selenium Microtubes Synthesized by a Vapor Phase Deposition Route. <i>Crystal Growth and Design</i> , 2010, 10, 4890-4897.  | 3.0 | 32        |
| 31 | Physical properties of sputtered molybdenum oxide thin films suitable for gas sensing applications. <i>Journal Physics D: Applied Physics</i> , 2002, 35, 228-233.   | 2.8 | 30        |
| 32 | Copper and ceruloplasmin dyshomeostasis in serum and cerebrospinal fluid of multiple sclerosis subjects. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1828-1838.            | 3.8 | 30        |
| 33 | Ferulic Acid-NLC with Lavandula Essential Oil: A Possible Strategy for Wound-Healing?. <i>Nanomaterials</i> , 2020, 10, 898.   | 4.1 | 30        |
| 34 | Langmuir-Blodgett films of Cu(II)-tetrakis (3,3-dimethylbutoxycarbonyl) phthalocyanine: a spectrophotometric and TEM analysis of their structure and morphology. <i>Thin Solid Films</i> , 1996, 280, 249-255. | 1.8 | 28        |
| 35 | Innovative hybrid vs polymeric nanocapsules: The influence of the cationic lipid coating on the $\zeta$ -potential. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 450-457.                        | 5.0 | 28        |
| 36 | Promising Piezoelectric Properties of New ZnO@Octadecylamine Adduct. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20143-20149.  | 3.1 | 27        |

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|----|--|-----|-----------|
| 37 | Cyto/Biocompatibility of Dopamine Combined with the Antioxidant Grape Seed-Derived Polyphenol Compounds in Solid Lipid Nanoparticles. <i>Molecules</i> , 2021, 26, 916.  | 3.8 | 27        |
| 38 | Growth of single-walled carbon nanotubes by a novel technique using nanosized graphite as carbon source. <i>Chemical Physics Letters</i> , 2000, 327, 284-290.   | 2.6 | 25        |
| 39 | Synthesis and Characterization of TiO <sub>2</sub> Nanocrystals Prepared fromn-Octadecylamine~Titanyl Oxalate Langmuir~Blodgett Films. <i>Langmuir</i> , 2003, 19, 3486-3492.  | 3.5 | 23        |
| 40 | Self-Assembly of n-Diamond Nanocrystals Into Supercrystals. <i>Crystal Growth and Design</i> , 2009, 9, 1245-1249.   | 3.0 | 23        |
| 41 | Thermal deposition and characterization of Se-Sn mixed oxide thin films for NO gas sensing applications. <i>Journal of Applied Physics</i> , 1998, 83, 3541-3546.  | 2.5 | 22        |
| 42 | Study of Gas Sensing Performances of Langmuir~Blodgett Films Containinig an Alkyne-Linked Conjugated-Porphyrin Dimer. <i>Langmuir</i> , 2001, 17, 8139-8144.   | 3.5 | 22        |
| 43 | Interaction of pH-sensitive non-phospholipid liposomes with cellular mimetic membranes. <i>Biomedical Microdevices</i> , 2013, 15, 299-309.  | 2.8 | 22        |
| 44 | Investigations on graphene oxide for ion beam dosimetry applications. <i>Vacuum</i> , 2020, 178, 109451.   | 3.5 | 22        |
| 45 | Optical absorption and structure of thermally annealed gallium selenide thin films. <i>Journal of Applied Physics</i> , 1989, 65, 1164-1167.   | 2.5 | 21        |
| 46 | Monitoring prion protein expression in complex biological samples by SERS for diagnostic applications. <i>Nanotechnology</i> , 2010, 21, 165502.   | 2.6 | 21        |
| 47 | Self-assembly and branching of sucrose stabilized silver nanoparticles by microwave assisted synthesis: From nanoparticles to branched nanowires structures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 348, 205-211. | 4.7 | 20        |
| 48 | Structural and spectroscopic investigations on graphene oxide foils irradiated by ion beams for dosimetry application. <i>Vacuum</i> , 2021, 188, 110185.  | 3.5 | 20        |
| 49 | Correlation between the structural and optical properties of polydispersed II~VI quantum dots in glass matrix. <i>Journal of Applied Physics</i> , 1991, 70, 6898-6901.  | 2.5 | 19        |
| 50 | Sputter deposition of tungsten trioxide for gas sensing applications. <i>Journal of Materials Science: Materials in Electronics</i> , 1998, 9, 317-322.  | 2.2 | 19        |
| 51 | A silver nanoparticle-poly(methyl methacrylate) based colorimetric sensor for the detection of hydrogen peroxide. <i>Heliyon</i> , 2019, 5, e02887.  | 3.2 | 19        |
| 52 | Organization of single-walled nanotubes into macro-sized rectangularly shaped ribbons. <i>Chemical Physics Letters</i> , 2003, 381, 86-93.   | 2.6 | 18        |
| 53 | Colloidal solution of silver nanoparticles for label-free colorimetric sensing of ammonia in aqueous solutions. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 499-507.   | 2.8 | 17        |
| 54 | Electron diffraction study of melt-grown InSe crystals. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1986, 7, 795-806.   | 0.4 | 16        |

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|----|---|-----|-----------|
| 55 | LB multilayers of highly conjugated porphyrin dimers: differentiation of properties and behaviour between the free base and the metallated derivatives. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 198-200, 897-904.           | 4.7 | 16        |
| 56 | SERS based optical sensor to detect prion protein in neurodegenerate living cells. <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 479-485.   | 7.8 | 16        |
| 57 | A simple approach to synthesize folic acid decorated magnetite@SiO <sub>2</sub> nanostructures for hyperthermia applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7547-7556.   | 5.8 | 16        |
| 58 | Effect of temperature on the physical, optical and photocatalytic properties of TiO <sub>2</sub> nanoparticles. <i>SN Applied Sciences</i> , 2020, 2, 1.  | 2.9 | 16        |
| 59 | Convergent-beam electron diffraction study of melt-and vapour-grown single crystals of gallium chalcogenides. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1989, 11, 1145-1163. | 0.4 | 15        |
| 60 | Metalorganic vapour phase epitaxy growth of ZnS layers by (t-Bu)SH and Me <sub>2</sub> Zn:Et <sub>3</sub> N precursors. <i>Journal of Crystal Growth</i> , 1995, 156, 45-51.  | 1.5 | 15        |
| 61 | Cross-sectional high resolution electron microscopy of Zn <sup>+</sup> implanted and low-power pulsed laser annealed GaAs. <i>Applied Physics Letters</i> , 1996, 69, 4072-4074.  | 3.3 | 15        |
| 62 | Meso- and nano-scale investigation of carbon fibers coated by nano-crystalline diamond. <i>Chemical Physics Letters</i> , 2005, 402, 340-345.   | 2.6 | 15        |
| 63 | Photofunctional multilayer films by assembling naked silver nanoparticles and a tailored nitric oxide photodispenser at water/air interface. <i>Journal of Colloid and Interface Science</i> , 2012, 368, 191-196.  | 9.4 | 15        |
| 64 | Synthesis and Characterization of Mixed Iron-Manganese Oxide Nanoparticles and Their Application for Efficient Nickel Ion Removal from Aqueous Samples. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-9.  | 1.6 | 15        |
| 65 | Enhanced adsorption capacity of porous titanium dioxide nanoparticles synthesized in alkaline sol. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.   | 2.3 | 15        |
| 66 | Structural characterization of unhydrogenated amorphous GaAs. <i>Journal of Non-Crystalline Solids</i> , 1991, 127, 12-18.  | 3.1 | 14        |
| 67 | Precipitation of superstructured nano-crystals in high-dose implanted Si: an XHRTEM study. <i>Journal Physics D: Applied Physics</i> , 2004, 37, 2730-2736.   | 2.8 | 14        |
| 68 | Synthesis and <i>in vitro</i> Cytotoxicity of Glycans-Capped Silver Nanoparticles. <i>Nanomaterials and Nanotechnology</i> , 2011, 1, 10.   | 3.0 | 14        |
| 69 | High ordered biomineralization induced by carbon nanoparticles in the sea urchin <i>Paracentrotus lividus</i> . <i>Nanotechnology</i> , 2012, 23, 495104.   | 2.6 | 14        |
| 70 | Controlled synthesis and chain-like self-assembly of silver nanoparticles through tertiary amine. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 417, 10-17.   | 4.7 | 14        |
| 71 | From GO to rGO: An analysis of the progressive rippling induced by energetic ion irradiation. <i>Applied Surface Science</i> , 2022, 586, 152789.   | 6.1 | 14        |
| 72 | Study of the polytypism in melt grown InSe single crystals by convergent beam electron diffraction. <i>Journal of Crystal Growth</i> , 1990, 100, 347-353.  | 1.5 | 13        |

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|----|---|-----|-----------|
| 73 | Surface structural and morphological characterization of ZnTe epilayers grown on {100} GaAs by MOVPE. <i>Journal of Crystal Growth</i> , 1993, 128, 633-638.  | 1.5 | 13        |
| 74 | Physical characterization of In <sub>2</sub> Se <sub>3</sub> thin films prepared by electron beam evaporation. <i>Vacuum</i> , 1995, 46, 997-1000.  | 3.5 | 13        |
| 75 | Photoconductivity of Packed Homotype Bundles Formed by Aligned Single-Walled Carbon Nanotubes. <i>Nano Letters</i> , 2008, 8, 968-971.  | 9.1 | 13        |
| 76 | Role of the Cellular Prion Protein in the Neuron Adaptation Strategy to Copper Deficiency. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 989-1001.   | 3.3 | 13        |
| 77 | Silver and carbon nanoparticles toxicity in sea urchin <i>Paracentrotus lividus</i> embryos. <i>BioNanoMaterials</i> , 2013, 14, .  | 1.4 | 13        |
| 78 | Cytotoxicity of <sup>12</sup> D-glucose coated silver nanoparticles on human lymphocytes. <i>AIP Conference Proceedings</i> , 2014, , .   | 0.4 | 13        |
| 79 | Synergistic Effect Induced by Gold Nanoparticles with Polyphenols Shell during Thermal Therapy: Macrophage Inflammatory Response and Cancer Cell Death Assessment. <i>Cancers</i> , 2021, 13, 3610.   | 3.7 | 13        |
| 80 | Essential Oil-Loaded NLC for Potential Intranasal Administration. <i>Pharmaceutics</i> , 2021, 13, 1166.  | 4.5 | 13        |
| 81 | Growth and characterization of tin oxide thin films prepared by reactive sputtering. <i>Solar Energy Materials and Solar Cells</i> , 1993, 31, 235-242.   | 6.2 | 12        |
| 82 | Gas sensing properties of meso,meso- $\beta$ -buta-1,3-diyne-bridged Cu(II) octaethylporphyrin dimer Langmuir-Blodgett films. <i>Sensors and Actuators B: Chemical</i> , 1999, 57, 179-182.           | 7.8 | 12        |
| 83 | High resolution transmission electron microscopy of elevated temperature Zn <sup>+</sup> implanted and low-power pulsed laser annealed GaAs. <i>Journal of Applied Physics</i> , 2000, 88, 1806-1810. | 2.5 | 12        |
| 84 | Structural reordering and electrical activation of ion-implanted GaAs and InP due to laser annealing in a controlled atmosphere. <i>Physical Review B</i> , 1999, 59, 2986-2994.                      | 3.2 | 11        |
| 85 | Modulation of charge transport in diamond-based layers. <i>Journal of Applied Physics</i> , 2003, 94, 416-422.  | 2.5 | 11        |
| 86 | Organized networks of helically wound single-walled C-nanotubes. <i>Chemical Physics Letters</i> , 2004, 388, 36-39.  | 2.6 | 11        |
| 87 | Assembly of hybrid silver-titania thin films for gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 794-799.  | 7.8 | 11        |
| 88 | Shape-dependent plasmon resonances of Ag nanostructures. <i>Superlattices and Microstructures</i> , 2010, 47, 66-71.  | 3.1 | 11        |
| 89 | Solid-to-solid phase transformations of nanostructured selenium-tin thin films induced by thermal annealing in oxygen atmosphere. , 2014, , .   |     | 11        |
| 90 | Morphological, structural and electrical characterization of nanostructured vanadium-tin mixed oxide thin films. <i>Journal of Non-Crystalline Solids</i> , 2004, 341, 68-76.                         | 3.1 | 10        |

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|-----|--|-----|-----------|
| 91  | Langmuir-Blodgett films of a phthalocyanine symmetrically functionalized with eight ester units. <i>Materials Science and Engineering C</i> , 1998, 5, 317-320.                                    | 7.3 | 9         |
| 92  | Characterization of ablation plasma ion implantation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2005, 240, 36-39.   | 1.4 | 9         |
| 93  | Self-assembling of micro-patterned titanium oxide films for gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2009, 140, 563-567.  | 7.8 | 9         |
| 94  | Nanographite assembled films for sensitive NO <sub>2</sub> detection. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 359-365.   | 7.8 | 9         |
| 95  | Copper Dependent Modulation of $\beta$ -Synuclein Phosphorylation in Differentiated SHSY5Y Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2038.               | 4.1 | 9         |
| 96  | Stress response induced by carbon nanoparticles in <i>Paracentrotus lividus</i> . <i>International Journal of Molecular and Cellular Medicine</i> , 2012, 1, 30-8.                                 | 1.1 | 9         |
| 97  | Solid Lipid Nanoparticles Administering Antioxidant Grape Seed-Derived Polyphenol Compounds: A Potential Application in Aquaculture. <i>Molecules</i> , 2022, 27, 344.                             | 3.8 | 9         |
| 98  | Gas-sensing properties of multilayers of two new macrocyclic copper complexes. <i>Sensors and Actuators B: Chemical</i> , 1997, 44, 585-589.   | 7.8 | 8         |
| 99  | Thermal deposition and characterisation of In <sup>2</sup> Se mixed oxides thin films for NO gas sensing applications. <i>Sensors and Actuators B: Chemical</i> , 1999, 58, 356-359.               | 7.8 | 8         |
| 100 | Calcite-forming <i>Bacillus licheniformis</i> Thriving on Underwater Speleothems of a Hydrothermal Cave. <i>Geomicrobiology Journal</i> , 2018, 35, 804-817.                                       | 2.0 | 8         |
| 101 | Structural phase modifications induced by energetic ion beams in graphene oxide. <i>Vacuum</i> , 2021, 193, 110513.  | 3.5 | 7         |
| 102 | Green Silver Nanoparticles Promote Inflammation Shutdown in Human Leukemic Monocytes. <i>Materials</i> , 2022, 15, 775.  | 2.9 | 7         |
| 103 | Temperature-dependent conduction of W-containing composite diamond films. <i>Applied Physics Letters</i> , 2001, 79, 2007-2009.  | 3.3 | 6         |
| 104 | Optical, morphological and structural characterization of Langmuir-Schaefer films of a functionalized copper phthalocyanine. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 199-205. | 9.4 | 6         |
| 105 | Nondestructive Analysis of Silver Coins Minted in Taras (South Italy) between the V and the III Centuries BC. <i>Journal of Archaeology</i> , 2014, 2014, 1-12.                                    | 0.5 | 6         |
| 106 | TiO <sub>2</sub> films by sol-gel spin-coating deposition with microbial antiadhesion properties. <i>Surface and Interface Analysis</i> , 2019, 51, 1351-1358.                                     | 1.8 | 6         |
| 107 | Structural characterization of hydrogenated amorphous GaAs. <i>Journal of Non-Crystalline Solids</i> , 1992, 151, 253-260.   | 3.1 | 5         |
| 108 | Structural and morphological analysis of reactively sputtered tellurium suboxide thin films. <i>Journal of Non-Crystalline Solids</i> , 1993, 155, 67-76.  | 3.1 | 5         |

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|-----|--|-----|-----------|
| 109 | Ion-Beam-Assisted Nanocrystal Formation in Silicon Implanted with High Doses of Pb <sup>+</sup> and Bi <sup>+</sup> Ions. Japanese Journal of Applied Physics, 2001, 40, 5841-5849.  | 1.5 | 5         |
| 110 | Single step synthesis of SnO <sub>2</sub> @SiO <sub>2</sub> core-shell microcables. Journal of Crystal Growth, 2011, 330, 22-29.   | 1.5 | 5         |
| 111 | Aligned selenium microtubes array: Synthesis, growth mechanism and photoelectrical properties. Chemical Physics Letters, 2011, 510, 87-92.   | 2.6 | 5         |
| 112 | Highly sensitive conformational switching of ethane-bridged mono-zinc bis-porphyrin as an application tool for rapid monitoring of aqueous ammonia and acetone. Sensors and Actuators B: Chemical, 2018, 257, 685-691.                                       | 7.8 | 5         |
| 113 | Wavelength, fluence and substrate-dependent room temperature pulsed laser deposited B-enriched thick films. Applied Surface Science, 2019, 483, 1044-1051.   | 6.1 | 5         |
| 114 | Magnetostatic Field System for Uniform Cell Cultures Exposure. PLoS ONE, 2013, 8, e72341.  | 2.5 | 5         |
| 115 | Proton beam dosimetry based on the graphene oxide reduction and Raman spectroscopy. Vacuum, 2022, 201, 111113.   | 3.5 | 5         |
| 116 | Convergent-beam electron diffraction analysis of GaSe crystals grown from the melt by different doping elements. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1991, 13, 233-245. | 0.4 | 4         |
| 117 | Analysis of nuclear transmutations observed in D- and H-loaded Pd films. International Journal of Hydrogen Energy, 2002, 27, 527-531.  | 7.1 | 4         |
| 118 | High Doses of Silica Nanoparticles Obtained by Microemulsion and Green Routes Compromise Human Alveolar Cells Morphology and Stiffness Differently. Bioinorganic Chemistry and Applications, 2022, 2022, 1-23.   | 4.1 | 4         |
| 119 | Numerical evaluation of lattice parameters from high-order Laue zone lines in convergent-beam electron diffraction disks. Ultramicroscopy, 1988, 26, 377-384.  | 1.9 | 3         |
| 120 | Convergent-beam electron diffraction characterization of dislocations in GaS single crystals. Ultramicroscopy, 1990, 33, 143-149.  | 1.9 | 3         |
| 121 | Comparative optical and morphological investigation of meso,meso <sup>2</sup> -buta-1,3-diyne-bridged Cu(II) octaethyl porphyrin dimer Langmuir-Blodgett films. Materials Science and Engineering C, 1999, 8-9, 107-111.                                     | 7.3 | 3         |
| 122 | Unusual coin from the Parabita hoard: combined use of surface and micro-analytical techniques for its characterisation. Journal of Cultural Heritage, 2010, 11, 233-238.   | 3.3 | 3         |
| 123 | Characterization of Composite Phthalocyanine-Fatty Acid Films from the Air/Water Interface to Solid Supports. Journal of Physical Chemistry B, 2011, 115, 14956-14962.   | 2.6 | 3         |
| 124 | Electronic properties of individual and assembled homotype SWCNT bundles. Chemical Physics Letters, 2011, 509, 152-157.  | 2.6 | 3         |
| 125 | The tale of Henry VII: a multidisciplinary approach to determining the post-mortem practice. Archaeological and Anthropological Sciences, 2017, 9, 1215-1222.  | 1.8 | 3         |
| 126 | Design and Synthesis of Iron-Doped Nanostructured TiO <sub>2</sub> and Its Potential Use in the Photodegradation of Hazardous Materials Present in Personal Care Products. ChemistrySelect, 2017, 2, 5095-5099.  | 1.5 | 3         |



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|-----|--|-----|-----------|
| 127 | Photochromic properties in silver-doped titania nanoparticles. <i>Materials Research Express</i> , 2019, 6, 036206.  | 1.6 | 3         |
| 128 | Tailoring sheet resistance through laser fluence and study of the critical impact of a V-shaped plasma plume on the properties of PLD-deposited DLC films for micro-pattern gaseous detector applications. <i>Diamond and Related Materials</i> , 2022, 124, 108909. | 3.9 | 3         |
| 129 | Electron diffraction study of In <sub>2</sub> Se <sub>3</sub> melt grown crystals. <i>Journal of Crystal Growth</i> , 1989, 96, 947-952.   | 1.5 | 2         |
| 130 | Convergent beam electron diffraction study of extended defects in gallium chalcogenide single crystals grown from the melt. <i>Semiconductor Science and Technology</i> , 1992, 7, A122-A126.  | 2.0 | 2         |
| 131 | Physical Properties of Molybdenum Oxide Thin Films for NO Gas Detection. <i>Physica Status Solidi A</i> , 1998, 168, 249-256.  | 1.7 | 2         |
| 132 | Thermal neutron conversion by high purity 10B-enriched layers: PLD-growth, thickness-dependence and neutron-detection performances. <i>European Physical Journal Plus</i> , 2022, 137, 1.  | 2.6 | 2         |
| 133 | <title>Optical investigation of microcrystals in glasses</title>. , 1991, 1513, 130.   |     | 1         |
| 134 | Analysis of extended defects in melt-grown GaSe single crystals by convergent-beam electron diffraction techniques. <i>Ultramicroscopy</i> , 1991, 35, 71-76.  | 1.9 | 1         |
| 135 | Characterization of CdS epitaxial films by high energy reflected electrons. <i>Journal of Crystal Growth</i> , 1990, 101, 185-189.   | 1.5 | 0         |
| 136 | Temperature and ion flux dependence of damage structures in Zn <sup>+</sup> implanted and laser annealed GaAs. <i>Journal Physics D: Applied Physics</i> , 2002, 35, 2830-2836.  | 2.8 | 0         |
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