# Cecilia Guilln

## List of Publications by Citations

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|---|---|---|---|
| 140 papers | 3,821 citations | 33 h-index | 55 g-index |
| 147 ext. papers | 4,119 ext. citations | 3.9 avg, IF | 5.75 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 140 | TCO/metal/TCO structures for energy and flexible electronics. *Thin Solid Films*, **2011**, 520, 1-17 | 2.2 | 343 |
| 139 | Buffer layers and transparent conducting oxides for chalcopyrite Cu(In,Ga)(S,Se)2 based thin film photovoltaics: present status and current developments. *Progress in Photovoltaics: Research and Applications*, **2010**, 18, 411-433 | 6.8 | 284 |
| 138 | Optical, electrical and structural characteristics of Al:ZnO thin films with various thicknesses deposited by DC sputtering at room temperature and annealed in air or vacuum. *Vacuum*, **2010**, 84, 924-929 | 3.7 | 140 |
| 137 | ITO/metal/ITO multilayer structures based on Ag and Cu metal films for high-performance transparent electrodes. *Solar Energy Materials and Solar Cells*, **2008**, 92, 938-941 | 6.4 | 128 |
| 136 | Comparison study of ITO thin films deposited by sputtering at room temperature onto polymer and glass substrates. *Thin Solid Films*, **2005**, 480-481, 129-132 | 2.2 | 115 |
| 135 | Structure, optical, and electrical properties of indium tin oxide thin films prepared by sputtering at room temperature and annealed in air or nitrogen. *Journal of Applied Physics*, **2007**, 101, 073514 | 2.5 | 94 |
| 134 | Influence of oxygen in the deposition and annealing atmosphere on the characteristics of ITO thin films prepared by sputtering at room temperature. *Vacuum*, **2006**, 80, 615-620 | 3.7 | 91 |
| 133 | Preparation of reactively sputtered Sb-doped SnO2 thin films: Structural, electrical and optical properties. *Solar Energy Materials and Solar Cells*, **2010**, 94, 612-616 | 6.4 | 89 |
| 132 | High conductivity and transparent ZnO:Al films prepared at low temperature by DC and MF magnetron sputtering. *Thin Solid Films*, **2006**, 515, 640-643 | 2.2 | 79 |
| 131 | Polycrystalline growth and recrystallization processes in sputtered ITO thin films. *Thin Solid Films*, **2006**, 510, 260-264 | 2.2 | 69 |
| 130 | Photovoltaic windows by chemical bath deposition. *Thin Solid Films*, **2000**, 361-362, 28-33 | 2.2 | 69 |
| 129 | Transparent conductive ITO/Ag/ITO multilayer electrodes deposited by sputtering at room temperature. *Optics Communications*, **2009**, 282, 574-578 | 2 | 68 |
| 128 | Improved ITO thin films for photovoltaic applications with a thin ZnO layer by sputtering. *Thin Solid Films*, **2004**, 451-452, 630-633 | 2.2 | 66 |
| 127 | Transparent films on polymers for photovoltaic applications. *Vacuum*, **2002**, 67, 611-616 | 3.7 | 64 |
| 126 | SnO 2 substrate effects on the morphology and composition of chemical bath deposited ZnSe thin films. *Thin Solid Films*, **2000**, 361-362, 177-182 | 2.2 | 59 |
| 125 | Morphological and structural studies of CBD-CdS thin films by microscopy and diffraction techniques. *Applied Surface Science*, **1998**, 136, 8-16 | 6.7 | 58 |
| 124 | CuInSe2 Formation by selenization of sequentially evaporated metallic layers. *Solar Energy Materials and Solar Cells*, **2005**, 86, 1-10 | 6.4 | 55 |

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| 123 | CuIn1-xGaxSe2-based thin-film solar cells by the selenization of sequentially evaporated metallic layers. *Progress in Photovoltaics: Research and Applications*, **2006**, 14, 145-153 | 6.8 | 53 |
| 122 | Accurate control of thin film CdS growth process by adjusting the chemical bath deposition parameters. *Thin Solid Films*, **1998**, 335, 37-42 | 2.2 | 46 |
| 121 | Preparation of Indium Hydroxy Sulfide In x ( OH ) y S z Thin Films by Chemical Bath Deposition. *Journal of the Electrochemical Society*, **1998**, 145, 2775-2779 | 3.9 | 46 |
| 120 | Cathodic electrodeposition of CuInSe2 thin films. *Thin Solid Films*, **1991**, 195, 137-146 | 2.2 | 45 |
| 119 | CuIn1-xAlxSe2 thin films obtained by selenization of evaporated metallic precursor layers. *Thin Solid Films*, **2009**, 517, 2240-2243 | 2.2 | 43 |
| 118 | Effect of r.f.-sputtered Mo substrate on the microstructure of electrodeposited CuInSe2 thin films. *Surface and Coatings Technology*, **1998**, 110, 62-67 | 4.4 | 41 |
| 117 | Characteristics of SnSe and SnSe2 thin films grown onto polycrystalline SnO2-coated glass substrates. *Physica Status Solidi (A) Applications and Materials Science*, **2011**, 208, 679-683 | 1.6 | 39 |
| 116 | Stability of sputtered ITO thin films to the damp-heat test. *Surface and Coatings Technology*, **2006**, 201, 309-312 | 4.4 | 39 |
| 115 | Effects of Thermal and Chemical Treatments on the Composition and Structure of Electrodeposited CuInSe2 Thin Films. *Journal of the Electrochemical Society*, **1994**, 141, 225-230 | 3.9 | 37 |
| 114 | Optical properties of electrochemically deposited CuInSe2 thin films. *Solar Energy Materials and Solar Cells*, **1991**, 23, 31-45 | | 37 |
| 113 | Cadmium sulphide growth investigations on different SnO2 substrates. *Applied Surface Science*, **1999**, 140, 182-189 | 6.7 | 36 |
| 112 | Tailoring growth conditions for modulated flux deposition of In2S3 thin films. *Thin Solid Films*, **2004** , 451-452, 112-115 | 2.2 | 35 |
| 111 | Improvement of the optical properties of electrodeposited CuInSe2 thin films by thermal and chemical treatments. *Solar Energy Materials and Solar Cells*, **1996**, 43, 47-57 | 6.4 | 35 |
| 110 | Structure, morphology and photoelectrochemical activity of CuInSe2 thin films as determined by the characteristics of evaporated metallic precursors. *Solar Energy Materials and Solar Cells*, **2002**, 73, 141-149 | 6.4 | 34 |
| 109 | Investigations of the electrical properties of electrodeposited CuInSe2 thin films. *Journal of Applied Physics*, **1992**, 71, 5479-5483 | 2.5 | 34 |
| 108 | Structure, optical and electrical properties of Al:ZnO thin films deposited by DC sputtering at room temperature on glass and plastic substrates. *Physica Status Solidi (A) Applications and Materials Science*, **2009**, 206, 1531-1536 | 1.6 | 33 |
| 107 | Indium sulfide buffer layers deposited by dry and wet methods. *Thin Solid Films*, **2007**, 515, 6041-6044 | 2.2 | 33 |
| 106 | Study of the optical transitions in electrodeposited CuInSe2 thin films. *Journal of Applied Physics*, **1991**, 69, 429-432 | 2.5 | 33 |

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| 105 | Structural, chemical, and optical properties of tin sulfide thin films as controlled by the growth temperature during co-evaporation and subsequent annealing. *Journal of Materials Science*, **2013**, 48, 3943-3949 | 4.3 | 32 |
| 104 | Properties of In2S3 thin films deposited onto ITO/glass substrates by chemical bath deposition. *Journal of Physics and Chemistry of Solids*, **2010**, 71, 1629-1633 | 3.9 | 31 |
| 103 | Optical and electrical properties of CuIn1⊠GaxSe2 thin films obtained by selenization of sequentially evaporated metallic layers. *Thin Solid Films*, **2003**, 431-432, 200-204 | 2.2 | 31 |
| 102 | Copper tin sulfide (CTS) absorber thin films obtained by co-evaporation: Influence of the ratio Cu/Sn. *Journal of Alloys and Compounds*, **2015**, 642, 40-44 | 5.7 | 30 |
| 101 | Single-phase Cu2O and CuO thin films obtained by low-temperature oxidation processes. *Journal of Alloys and Compounds*, **2018**, 737, 718-724 | 5.7 | 30 |
| 100 | SnS absorber thin films by co-evaporation: Optimization of the growth rate and influence of the annealing. *Thin Solid Films*, **2015**, 582, 249-252 | 2.2 | 28 |
| 99 | Spectroscopic and electrochromic properties of activated reactive evaporated nano-crystalline V2O5 thin films grown on flexible substrates. *International Nano Letters*, **2013**, 3, 1 | 5.7 | 28 |
| 98 | AZO/ATO double-layered transparent conducting electrode: A thermal stability study. *Thin Solid Films*, **2011**, 519, 7564-7567 | 2.2 | 28 |
| 97 | CuInS2 and CuGaS2 thin films grown by modulated flux deposition with various Cu contents. *Physica Status Solidi (A) Applications and Materials Science*, **2006**, 203, 2438-2443 | 1.6 | 28 |
| 96 | Structural, optical and electrical characteristics of ITO thin films deposited by sputtering on different polyester substrates. *Materials Chemistry and Physics*, **2008**, 112, 641-644 | 4.4 | 26 |
| 95 | Comparative studies between Cu?Ga?Se and Cu?In?Se thin film systems. *Thin Solid Films*, **2002**, 403-404, 107-111 | 2.2 | 26 |
| 94 | Wide-bandgap CuIn1⊠AlxSe2 thin films deposited on transparent conducting oxides. *Solar Energy Materials and Solar Cells*, **2010**, 94, 1263-1269 | 6.4 | 25 |
| 93 | Structure, morphology and optical properties of CuInS2 thin films prepared by modulated flux deposition. *Thin Solid Films*, **2005**, 480-481, 19-23 | 2.2 | 24 |
| 92 | Discharge power dependence of structural, optical and electrical properties of DC sputtered antimony doped tin oxide (ATO) films. *Solar Energy Materials and Solar Cells*, **2011**, 95, 2113-2119 | 6.4 | 23 |
| 91 | Thin-film polyimide/indium tin oxide composites for photovoltaic applications. *Journal of Applied Polymer Science*, **2007**, 103, 3491-3497 | 2.9 | 23 |
| 90 | Preparation and characterization of CuIn1⊠GaxSe2 thin films obtained by sequential evaporations and different selenization processes. *Thin Solid Films*, **2005**, 474, 70-76 | 2.2 | 22 |
| 89 | Adjustment of the selenium amount provided during formation of CuInSe2 thin films from the metallic precursors. *Physica Status Solidi (A) Applications and Materials Science*, **2009**, 206, 84-90 | 1.6 | 21 |
| 88 | Transparent electrodes based on metal and metal oxide stacked layers grown at room temperature on polymer substrate. *Physica Status Solidi (A) Applications and Materials Science*, **2010**, 207, 1563-1567 | 1.6 | 21 |

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| 87 | Reaction Pathways to CuInSe2 Formation from Electrodeposited Precursors. *Journal of the Electrochemical Society*, **1995**, 142, 1834-1838 | 3.9 | 21 |
| 86 | Improved Selenization Procedure to Obtain CuInSe2 Thin Films from Sequentially Electrodeposited Precursors. *Journal of the Electrochemical Society*, **1996**, 143, 493-498 | 3.9 | 21 |
| 85 | Influence of the film thickness on the structure, optical and electrical properties of ITO coatings deposited by sputtering at room temperature on glass and plastic substrates. *Semiconductor Science and Technology*, **2008**, 23, 075002 | 1.8 | 20 |
| 84 | Surface-properties relationship in sputtered Ag thin films: Influence of the thickness and the annealing temperature in nitrogen. *Applied Surface Science*, **2015**, 324, 245-250 | 6.7 | 19 |
| 83 | Influence of surface density on the CO2 photoreduction activity of a DC magnetron sputtered TiO2 catalyst. *Applied Catalysis B: Environmental*, **2018**, 224, 912-918 | 21.8 | 19 |
| 82 | Comparative Performance of Semi-Transparent PV Modules and Electrochromic Windows for Improving Energy Efficiency in Buildings. *Energies*, **2018**, 11, 1526 | 3.1 | 19 |
| 81 | CuIn1-xAl Se2 thin film solar cells with depth gradient composition prepared by selenization of evaporated metallic precursors. *Solar Energy Materials and Solar Cells*, **2015**, 132, 245-251 | 6.4 | 18 |
| 80 | Semiconductor CuInSe2 formation by close-spaced selenization processes in vacuum. *Vacuum*, **2002**, 67, 659-664 | 3.7 | 18 |
| 79 | Comparison between large area dc-magnetron sputtered and e-beam evaporated molybdenum as thin film electrical contacts. *Journal of Materials Processing Technology*, **2003**, 143-144, 326-331 | 5.3 | 18 |
| 78 | Photovoltaic activity of electrodeposited p-CuInSe2/electrolyte junction. *Journal of Applied Physics*, **1994**, 76, 359-362 | 2.5 | 18 |
| 77 | Interlaboratory indoor ageing of roll-to-roll and spin coated organic photovoltaic devices: Testing the ISOS tests. *Polymer Degradation and Stability*, **2014**, 109, 162-170 | 4.7 | 17 |
| 76 | On the electrical anisotropy of conducting polypyrrole. *Journal of Materials Science*, **1990**, 25, 4914-4917 | 4.3 | 17 |
| 75 | P-type SnO thin films prepared by reactive sputtering at high deposition rates. *Journal of Materials Science and Technology*, **2019**, 35, 1706-1711 | 9.1 | 16 |
| 74 | Nanocrystalline antimony doped tin oxide (ATO) thin films: A thermal restructuring study. *Surface and Coatings Technology*, **2012**, 211, 37-40 | 4.4 | 16 |
| 73 | Transparent and conductive ZnO:Al thin films grown by pulsed magnetron sputtering in current or voltage regulation modes. *Vacuum*, **2008**, 82, 668-672 | 3.7 | 16 |
| 72 | Study of preparation parameters for indium sulfide thin films obtained by modulated flux deposition. *Thin Solid Films*, **2006**, 511-512, 121-124 | 2.2 | 16 |
| 71 | Low-resistivity Mo thin films prepared by evaporation onto 30cm×30 cm glass substrates. *Journal of Materials Processing Technology*, **2003**, 143-144, 144-147 | 5.3 | 16 |
| 70 | Chemistry of CdS/CuInSe[sub 2] Structures as Controlled by the CdS Deposition Bath. *Journal of the Electrochemical Society*, **2001**, 148, G602 | 3.9 | 16 |

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| 69 | CuInSe2 thin films obtained by a novel electrodeposition and sputtering combined method. *Vacuum*, **2000**, 58, 594-601 | 3.7 | 16 |
| 68 | CuInS2thin films grown sequentially from binary sulfides as compared to layers evaporated directly from the elements. *Semiconductor Science and Technology*, **2006**, 21, 709-712 | 1.8 | 15 |
| 67 | Round robin performance testing of organic photovoltaic devices. *Renewable Energy*, **2014**, 63, 376-387 | 8.1 | 14 |
| 66 | Transparent and conductive electrodes combining AZO and ATO thin films for enhanced light scattering and electrical performance. *Applied Surface Science*, **2013**, 264, 448-452 | 6.7 | 14 |
| 65 | Optimisation of CdS?TCO bilayers for their application as windows in photovoltaic solar cells. *Solar Energy Materials and Solar Cells*, **1996**, 43, 297-310 | 6.4 | 14 |
| 64 | Growth of SnS thin films by co-evaporation and sulfurization for use as absorber layers in solar cells. *Materials Chemistry and Physics*, **2015**, 167, 165-170 | 4.4 | 13 |
| 63 | Annealing of indium sulfide thin films prepared at low temperature by modulated flux deposition. *Semiconductor Science and Technology*, **2013**, 28, 015004 | 1.8 | 13 |
| 62 | Influence of the synthesis conditions on gallium sulfide thin films prepared by modulated flux deposition. *Journal Physics D: Applied Physics*, **2009**, 42, 085108 | 3 | 13 |
| 61 | Intrinsic and extrinsic doping contributions in SnO2 and SnO2:Sb thin films prepared by reactive sputtering. *Journal of Alloys and Compounds*, **2019**, 791, 68-74 | 5.7 | 12 |
| 60 | Anatase and rutile TiO2 thin films prepared by reactive DC sputtering at high deposition rates on glass and flexible polyimide substrates. *Journal of Materials Science*, **2014**, 49, 5035-5042 | 4.3 | 12 |
| 59 | Plasmonic characteristics of Ag and ITO/Ag ultrathin films as-grown by sputtering at room temperature and after heating. *Journal Physics D: Applied Physics*, **2013**, 46, 295302 | 3 | 12 |
| 58 | Copper tin sulfide (CuxSnSy) thin films evaporated with x = 3,4 atomic ratios: Influence of the substrate temperature and the subsequent annealing in sulfur. *Materials Research Bulletin*, **2016**, 83, 116-121 | 5.1 | 12 |
| 57 | Preferential Orientation and Surface Oxidation Control in Reactively Sputter Deposited Nanocrystalline SnO2:Sb Films: Electrochemical and Optical Results. *ECS Journal of Solid State Science and Technology*, **2014**, 3, N151-N153 | 2 | 11 |
| 56 | Study of the chalcopyrite Cu(In,Al)Se2 crystalline growth by selenization of different evaporated precursors ratios. *Journal of Crystal Growth*, **2011**, 336, 82-88 | 1.6 | 11 |
| 55 | New approaches to obtain CuIn1⊠GaxSe2 thin films by combining electrodeposited and evaporated precursors. *Thin Solid Films*, **1998**, 323, 93-98 | 2.2 | 11 |
| 54 | Photo- and Electrochromic Properties of Activated Reactive EvaporatedMoO3Thin Films Grown on Flexible Substrates. *Research Letters in Nanotechnology*, **2008**, 2008, 1-5 | | 11 |
| 53 | Electrical contacts on polyimide substrates for flexible thin film photovoltaic devices. *Thin Solid Films*, **2003**, 431-432, 403-406 | 2.2 | 11 |
| 52 | TiO2 coatings obtained by reactive sputtering at room temperature: Physical properties as a function of the sputtering pressure and film thickness. *Thin Solid Films*, **2017**, 636, 193-199 | 2.2 | 10 |

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| 51 | Formation of semitransparent CuAlSe2 thin films grown on transparent conducting oxide substrates by selenization. *Journal of Materials Science*, **2011**, 46, 7603-7610 | 4.3 | 10 |
| 50 | Influence of N-doping and air annealing on the structural and optical properties of TiO2 thin films deposited by reactive DC sputtering at room temperature. *Journal of Alloys and Compounds*, **2015**, 647, 498-506 | 5.7 | 9 |
| 49 | CuAlxGa1-xSe2 thin films for photovoltaic applications: Structural, electrical and morphological analysis. *Materials Research Bulletin*, **2012**, 47, 2518-2524 | 5.1 | 9 |
| 48 | Leveling effect of sol-gel SiO2 coatings onto metallic foil substrates. *Surface and Coatings Technology*, **2001**, 138, 205-210 | 4.4 | 9 |
| 47 | Structural and plasmonic characteristics of sputtered SnO2:Sb and ZnO:Al thin films as a function of their thickness. *Journal of Materials Science*, **2016**, 51, 7276-7285 | 4.3 | 9 |
| 46 | ITO/ATO bilayer transparent electrodes with enhanced light scattering, thermal stability and electrical conductance. *Applied Surface Science*, **2016**, 384, 45-50 | 6.7 | 8 |
| 45 | Arrangement of flexible foil substrates for CuInSe2-based solar cells. *Surface and Coatings Technology*, **2001**, 148, 61-64 | 4.4 | 8 |
| 44 | Recrystallization and components redistribution processes in electrodeposited CuInSe2 thin films. *Thin Solid Films*, **2001**, 387, 57-59 | 2.2 | 8 |
| 43 | Amorphous WO3-x thin films with color characteristics tuned by the oxygen vacancies created during reactive DC sputtering. *Journal of Materials Science and Technology*, **2021**, 78, 223-228 | 9.1 | 8 |
| 42 | Co-evaporated Tin Sulfide Thin Films on Bare and Mo-coated Glass Substrates as Photovoltaic Absorber Layers. *Energy Procedia*, **2014**, 44, 96-104 | 2.3 | 7 |
| 41 | Nanocrystalline copper sulfide and copper selenide thin films with p-type metallic behavior. *Journal of Materials Science*, **2017**, 52, 13886-13896 | 4.3 | 7 |
| 40 | Structural and morphological properties of Cu(In, Ga)Se2 thin films on Mo substrate. *Applied Surface Science*, **2004**, 238, 180-183 | 6.7 | 7 |
| 39 | Cu2ZnSnS4 thin films obtained by sulfurization of evaporated Cu2SnS3 and ZnS layers: Influence of the ternary precursor features. *Applied Surface Science*, **2017**, 400, 220-226 | 6.7 | 6 |
| 38 | Lithium intercalation in sputter deposited antimony-doped tin oxide thin films: Evidence from electrochemical and optical measurements. *Journal of Applied Physics*, **2014**, 115, 153702 | 2.5 | 6 |
| 37 | Improving conductivity and texture in ZnO:Al sputtered thin films by sequential chemical and thermal treatments. *Applied Surface Science*, **2013**, 282, 923-929 | 6.7 | 6 |
| 36 | Comparative study of In2S3-ITO bilayers deposited on glass and different plastic substrates. *Thin Solid Films*, **2009**, 517, 2320-2323 | 2.2 | 6 |
| 35 | Gallium indium sulfide layers obtained by modulated flux deposition. *Journal Physics D: Applied Physics*, **2008**, 41, 235103 | 3 | 6 |
| 34 | Structural and optical characterization of indium and gallium indium sulfide films prepared by modulated flux deposition. *Physica Status Solidi (A) Applications and Materials Science*, **2007**, 204, 3367-3372 | 1.6 | 6 |

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| 33 | Study of the interface formed between poly(2-methoxy-5-(2?-ethyl-hexyloxyl)-p-phenylene vinylene) and indium tin oxide in top emission organic light emitting diodes. *Applied Surface Science*, **2006**, 252, 8388-8393 | 6.7 | 6 |
| 32 | Performance of sol□gel SiO2 coatings onto glass/SnO2 superstrates. *Surface and Coatings Technology*, **2000**, 132, 31-35 | 4.4 | 6 |
| 31 | SiO2 sol□gel-coated conducting substrates for CuInSe2 electrodeposition. *Surface and Coatings Technology*, **1999**, 115, 45-51 | 4.4 | 6 |
| 30 | Copper oxy-sulfide and copper sulfate thin films as transparent p-type conductive electrodes. *Materials Research Bulletin*, **2018**, 101, 116-122 | 5.1 | 5 |
| 29 | Study of the Al-grading effect in the crystallisation of chalcopyrite CuIn1□AlxSe2 thin films. *Materials Chemistry and Physics*, **2013**, 140, 236-242 | 4.4 | 5 |
| 28 | Characteristics of stacked CuInS2 and CuGaS2 layers as determined by the growth sequence. *Thin Solid Films*, **2007**, 515, 5917-5920 | 2.2 | 5 |
| 27 | Morphological investigations on CdS-TCO photovoltaic window layers using atomic force microscopy. *Progress in Photovoltaics: Research and Applications*, **1996**, 4, 439-446 | 6.8 | 5 |
| 26 | On the properties of electrochemically obtained mercury cadmium telluride thin films. *Materials Chemistry and Physics*, **1990**, 26, 421-432 | 4.4 | 5 |
| 25 | Comparing metal oxide thin films as transparent p-type conductive electrodes. *Materials Research Express*, **2020**, 7, 016411 | 1.7 | 4 |
| 24 | Transparent and p-type conductive NixO:V thin films obtained by reactive DC sputtering at room temperature. *Materials Research Express*, **2019**, 6, 096410 | 1.7 | 4 |
| 23 | Effect of the ITO substrate on the growth of Cu(In,Ga)Se2, CuGa3Se5, CuGa5Se8and CuIn3Se5thin films by flash evaporation. *Journal Physics D: Applied Physics*, **2009**, 42, 085401 | 3 | 4 |
| 22 | Application of ICP-OES to the determination of CuIn(1-x)Ga(x)Se2 thin films used as absorber materials in solar cell devices. *Analytical and Bioanalytical Chemistry*, **2005**, 382, 466-70 | 4.4 | 4 |
| 21 | Chemical studies of solar cell structures based on electrodeposited CuInSe2. *Solar Energy Materials and Solar Cells*, **1999**, 58, 219-224 | 6.4 | 4 |
| 20 | Influence of Cu content on the physical characteristics of CuxGaCr0.1S2 thin films for intermediate band solar cells. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 22398-22407 | 2.1 | 4 |
| 19 | Crystallization of wide-bandgap CuAlSe2 thin films deposited on antimony doped tin oxide substrates. *Journal of Alloys and Compounds*, **2015**, 648, 104-110 | 5.7 | 3 |
| 18 | Components distribution in Cu(In,Ga)Se2 films prepared by selenization of evaporated metallic precursors on bare and ITO-coated glass substrates. *Journal of Materials Science*, **2012**, 47, 1836-1842 | 4.3 | 3 |
| 17 | CuAl Ga1□Se2 thin films for photovoltaic applications: Optical and compositional analysis. *Materials Research Bulletin*, **2013**, 48, 1082-1087 | 5.1 | 3 |
| 16 | Relation between structure, morphology and optical properties of indium sulphide thin films prepared by different vacuum methods. *Physica Status Solidi (A) Applications and Materials Science*, **2007**, 204, 3333-3339 | 1.6 | 3 |

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| 15 | Characterization of chalcopyrite Cu(In,Al)Se2 thin films grown by selenization of evaporated precursors.. *Energy Procedia*, **2011**, 10, 182-186 | 2.3 | 2 |
| 14 | Characteristics of sequentially evaporated InxGaySez thin films. *Journal of Physics and Chemistry of Solids*, **2003**, 64, 1717-1719 | 3.9 | 2 |
| 13 | Comparing the plasmonic characteristics of sputtered ZnO:Al and In2O3:Sn thin films as a function of the heating temperature and atmosphere. *Thin Solid Films*, **2016**, 605, 136-142 | 2.2 | 2 |
| 12 | Investigation of optical, structural, and chemical properties of indium sulfide thin films evaporated at low temperature by modulated flux deposition. *Physica Status Solidi (A) Applications and Materials Science*, **2013**, 210, 320-326 | 1.6 | 1 |
| 11 | Zn incorporation and (CuIn)1⊠Zn2xSe2 thin film formation during the selenization of evaporated Cu and In precursors on Al:ZnO coated glass substrates. *Journal of Physics and Chemistry of Solids*, **2011**, 72, 1362-1366 | 3.9 | 1 |
| 10 | Alloying and selenization of Cu-In stacked layers evaporated onto large areas. *Materials Research Society Symposia Proceedings*, **2001**, 668, 1 | | 1 |
| 9 | Structural Changes Induced by Heating in Sputtered NiO and Cr2O3 Thin Films as p-Type Transparent Conductive Electrodes. *Electronic Materials*, **2021**, 2, 49-59 | 0.8 | 1 |
| 8 | Understanding ultrafast charge transfer processes in SnS and SnS2: using the core hole clock method to measure attosecond orbital-dependent electron delocalisation in semiconducting layered materials. *Journal of Materials Chemistry C*, **2021**, 9, 11859-11872 | 7.1 | 1 |
| 7 | Influence of Acceptor Defects on the Structural, Optical and Electrical Properties of Sputtered NiO Thin Films. *Physica Status Solidi (A) Applications and Materials Science*, **2021**, 218, 2100237 | 1.6 | 1 |
| 6 | Structural, optical and electrical properties of evaporated kesterite films with different off-stoichiometric type. *Materials Research Bulletin*, **2022**, 111844 | 5.1 | 1 |
| 5 | Influence of the annealing temperature on CuAlxGa1⊠Se2 thin films obtained by selenization. *Physica Status Solidi (A) Applications and Materials Science*, **2012**, 209, 1467-1474 | 1.6 | 0 |
| 4 | Influence of a Thin Contact Underlayer on the Al Incorporation in CuIn1-xAlxSe2 Films for Photovoltaic Applications. *Energy Procedia*, **2014**, 44, 69-76 | 2.3 | |
| 3 | High-Performance Electrodes for Organic Photovoltaics399-423 | | |
| 2 | Effect of Annealing Temperature on the Optical Properties of Electrodeposited CuInSe2 Thin Films **1991**, 897-899 | | |
| 1 | SnOx/Ag/SnOx heat-reflector coatings prepared by DC sputtering. *SN Applied Sciences*, **2020**, 2, 1 | 1.8 | |