

Cecilia Guilln

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.

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	Structural, optical and electrical properties of evaporated kesterite films with different off-stoichiometric type. <i>Materials Research Bulletin</i> , 2022 , 111844	5.1	1
139	Structural Changes Induced by Heating in Sputtered NiO and Cr ₂ O ₃ Thin Films as p-Type Transparent Conductive Electrodes. <i>Electronic Materials</i> , 2021 , 2, 49-59	0.8	1
138	Amorphous WO ₃ -x thin films with color characteristics tuned by the oxygen vacancies created during reactive DC sputtering. <i>Journal of Materials Science and Technology</i> , 2021 , 78, 223-228	9.1	8
137	Understanding ultrafast charge transfer processes in SnS and SnS ₂ : using the core hole clock method to measure attosecond orbital-dependent electron delocalisation in semiconducting layered materials. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 11859-11872	7.1	1
136	Influence of Acceptor Defects on the Structural, Optical and Electrical Properties of Sputtered NiO Thin Films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021 , 218, 2100237	1.6	1
135	Comparing metal oxide thin films as transparent p-type conductive electrodes. <i>Materials Research Express</i> , 2020 , 7, 016411	1.7	4
134	Influence of Cu content on the physical characteristics of Cu _x GaCr _{0.1} S ₂ thin films for intermediate band solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 22398-22407	2.1	4
133	SnO _x /Ag/SnO _x heat-reflector coatings prepared by DC sputtering. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	
132	Intrinsic and extrinsic doping contributions in SnO ₂ and SnO ₂ :Sb thin films prepared by reactive sputtering. <i>Journal of Alloys and Compounds</i> , 2019 , 791, 68-74	5.7	12
131	P-type SnO thin films prepared by reactive sputtering at high deposition rates. <i>Journal of Materials Science and Technology</i> , 2019 , 35, 1706-1711	9.1	16
130	Transparent and p-type conductive Ni _x O:V thin films obtained by reactive DC sputtering at room temperature. <i>Materials Research Express</i> , 2019 , 6, 096410	1.7	4
129	Copper oxy-sulfide and copper sulfate thin films as transparent p-type conductive electrodes. <i>Materials Research Bulletin</i> , 2018 , 101, 116-122	5.1	5
128	Single-phase Cu ₂ O and CuO thin films obtained by low-temperature oxidation processes. <i>Journal of Alloys and Compounds</i> , 2018 , 737, 718-724	5.7	30
127	Influence of surface density on the CO ₂ photoreduction activity of a DC magnetron sputtered TiO ₂ catalyst. <i>Applied Catalysis B: Environmental</i> , 2018 , 224, 912-918	21.8	19
126	Comparative Performance of Semi-Transparent PV Modules and Electrochromic Windows for Improving Energy Efficiency in Buildings. <i>Energies</i> , 2018 , 11, 1526	3.1	19
125	TiO ₂ coatings obtained by reactive sputtering at room temperature: Physical properties as a function of the sputtering pressure and film thickness. <i>Thin Solid Films</i> , 2017 , 636, 193-199	2.2	10
124	Cu ₂ ZnSnS ₄ thin films obtained by sulfurization of evaporated Cu ₂ SnS ₃ and ZnS layers: Influence of the ternary precursor features. <i>Applied Surface Science</i> , 2017 , 400, 220-226	6.7	6

123	Nanocrystalline copper sulfide and copper selenide thin films with p-type metallic behavior. <i>Journal of Materials Science</i> , 2017 , 52, 13886-13896	4.3	7
122	ITO/ATO bilayer transparent electrodes with enhanced light scattering, thermal stability and electrical conductance. <i>Applied Surface Science</i> , 2016 , 384, 45-50	6.7	8
121	Copper tin sulfide (Cu _x Sn _{1-x}) thin films evaporated with x = 3,4 atomic ratios: Influence of the substrate temperature and the subsequent annealing in sulfur. <i>Materials Research Bulletin</i> , 2016 , 83, 116-121	5.1	12
120	Comparing the plasmonic characteristics of sputtered ZnO:Al and In ₂ O ₃ :Sn thin films as a function of the heating temperature and atmosphere. <i>Thin Solid Films</i> , 2016 , 605, 136-142	2.2	2
119	Structural and plasmonic characteristics of sputtered SnO ₂ :Sb and ZnO:Al thin films as a function of their thickness. <i>Journal of Materials Science</i> , 2016 , 51, 7276-7285	4.3	9
118	Influence of N-doping and air annealing on the structural and optical properties of TiO ₂ thin films deposited by reactive DC sputtering at room temperature. <i>Journal of Alloys and Compounds</i> , 2015 , 647, 498-506	5.7	9
117	Crystallization of wide-bandgap CuAlSe ₂ thin films deposited on antimony doped tin oxide substrates. <i>Journal of Alloys and Compounds</i> , 2015 , 648, 104-110	5.7	3
116	Copper tin sulfide (CTS) absorber thin films obtained by co-evaporation: Influence of the ratio Cu/Sn. <i>Journal of Alloys and Compounds</i> , 2015 , 642, 40-44	5.7	30
115	Growth of SnS thin films by co-evaporation and sulfurization for use as absorber layers in solar cells. <i>Materials Chemistry and Physics</i> , 2015 , 167, 165-170	4.4	13
114	Surface-properties relationship in sputtered Ag thin films: Influence of the thickness and the annealing temperature in nitrogen. <i>Applied Surface Science</i> , 2015 , 324, 245-250	6.7	19
113	SnS absorber thin films by co-evaporation: Optimization of the growth rate and influence of the annealing. <i>Thin Solid Films</i> , 2015 , 582, 249-252	2.2	28
112	CuIn _{1-x} Al _x Se ₂ thin film solar cells with depth gradient composition prepared by selenization of evaporated metallic precursors. <i>Solar Energy Materials and Solar Cells</i> , 2015 , 132, 245-251	6.4	18
111	Co-evaporated Tin Sulfide Thin Films on Bare and Mo-coated Glass Substrates as Photovoltaic Absorber Layers. <i>Energy Procedia</i> , 2014 , 44, 96-104	2.3	7
110	Round robin performance testing of organic photovoltaic devices. <i>Renewable Energy</i> , 2014 , 63, 376-387	8.1	14
109	Interlaboratory indoor ageing of roll-to-roll and spin coated organic photovoltaic devices: Testing the ISOS tests. <i>Polymer Degradation and Stability</i> , 2014 , 109, 162-170	4.7	17
108	Anatase and rutile TiO ₂ thin films prepared by reactive DC sputtering at high deposition rates on glass and flexible polyimide substrates. <i>Journal of Materials Science</i> , 2014 , 49, 5035-5042	4.3	12
107	Lithium intercalation in sputter deposited antimony-doped tin oxide thin films: Evidence from electrochemical and optical measurements. <i>Journal of Applied Physics</i> , 2014 , 115, 153702	2.5	6
106	Influence of a Thin Contact Underlayer on the Al Incorporation in CuIn _{1-x} Al _x Se ₂ Films for Photovoltaic Applications. <i>Energy Procedia</i> , 2014 , 44, 69-76	2.3	

105	Preferential Orientation and Surface Oxidation Control in Reactively Sputter Deposited Nanocrystalline SnO ₂ :Sb Films: Electrochemical and Optical Results. <i>ECS Journal of Solid State Science and Technology</i> , 2014 , 3, N151-N153	2	11
104	Structural, chemical, and optical properties of tin sulfide thin films as controlled by the growth temperature during co-evaporation and subsequent annealing. <i>Journal of Materials Science</i> , 2013 , 48, 3943-3949	4.3	32
103	Spectroscopic and electrochromic properties of activated reactive evaporated nano-crystalline V ₂ O ₅ thin films grown on flexible substrates. <i>International Nano Letters</i> , 2013 , 3, 1	5.7	28
102	CuAlGa _{1-x} Se ₂ thin films for photovoltaic applications: Optical and compositional analysis. <i>Materials Research Bulletin</i> , 2013 , 48, 1082-1087	5.1	3
101	Improving conductivity and texture in ZnO:Al sputtered thin films by sequential chemical and thermal treatments. <i>Applied Surface Science</i> , 2013 , 282, 923-929	6.7	6
100	Investigation of optical, structural, and chemical properties of indium sulfide thin films evaporated at low temperature by modulated flux deposition. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013 , 210, 320-326	1.6	1
99	Study of the Al-grading effect in the crystallisation of chalcopyrite CuIn _{1-x} Al _x Se ₂ thin films. <i>Materials Chemistry and Physics</i> , 2013 , 140, 236-242	4.4	5
98	Transparent and conductive electrodes combining AZO and ATO thin films for enhanced light scattering and electrical performance. <i>Applied Surface Science</i> , 2013 , 264, 448-452	6.7	14
97	Plasmonic characteristics of Ag and ITO/Ag ultrathin films as-grown by sputtering at room temperature and after heating. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 295302	3	12
96	Annealing of indium sulfide thin films prepared at low temperature by modulated flux deposition. <i>Semiconductor Science and Technology</i> , 2013 , 28, 015004	1.8	13
95	Components distribution in Cu(In,Ga)Se ₂ films prepared by selenization of evaporated metallic precursors on bare and ITO-coated glass substrates. <i>Journal of Materials Science</i> , 2012 , 47, 1836-1842	4.3	3
94	Nanocrystalline antimony doped tin oxide (ATO) thin films: A thermal restructuring study. <i>Surface and Coatings Technology</i> , 2012 , 211, 37-40	4.4	16
93	CuAl _x Ga _{1-x} Se ₂ thin films for photovoltaic applications: Structural, electrical and morphological analysis. <i>Materials Research Bulletin</i> , 2012 , 47, 2518-2524	5.1	9
92	Influence of the annealing temperature on CuAl _x Ga _{1-x} Se ₂ thin films obtained by selenization. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012 , 209, 1467-1474	1.6	0
91	Characterization of chalcopyrite Cu(In,Al)Se ₂ thin films grown by selenization of evaporated precursors.. <i>Energy Procedia</i> , 2011 , 10, 182-186	2.3	2
90	Study of the chalcopyrite Cu(In,Al)Se ₂ crystalline growth by selenization of different evaporated precursors ratios. <i>Journal of Crystal Growth</i> , 2011 , 336, 82-88	1.6	11
89	AZO/ATO double-layered transparent conducting electrode: A thermal stability study. <i>Thin Solid Films</i> , 2011 , 519, 7564-7567	2.2	28
88	TCO/metal/TCO structures for energy and flexible electronics. <i>Thin Solid Films</i> , 2011 , 520, 1-17	2.2	343

87	Zn incorporation and (CuIn) _{1-x} Zn _{2x} Se ₂ thin film formation during the selenization of evaporated Cu and In precursors on Al:ZnO coated glass substrates. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 1362-1366	3.9	1
86	Formation of semitransparent CuAlSe ₂ thin films grown on transparent conducting oxide substrates by selenization. <i>Journal of Materials Science</i> , 2011 , 46, 7603-7610	4.3	10
85	Characteristics of SnSe and SnSe ₂ thin films grown onto polycrystalline SnO ₂ -coated glass substrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011 , 208, 679-683	1.6	39
84	Discharge power dependence of structural, optical and electrical properties of DC sputtered antimony doped tin oxide (ATO) films. <i>Solar Energy Materials and Solar Cells</i> , 2011 , 95, 2113-2119	6.4	23
83	Properties of In ₂ S ₃ thin films deposited onto ITO/glass substrates by chemical bath deposition. <i>Journal of Physics and Chemistry of Solids</i> , 2010 , 71, 1629-1633	3.9	31
82	Preparation of reactively sputtered Sb-doped SnO ₂ thin films: Structural, electrical and optical properties. <i>Solar Energy Materials and Solar Cells</i> , 2010 , 94, 612-616	6.4	89
81	Wide-bandgap CuIn _{1-x} Al _x Se ₂ thin films deposited on transparent conducting oxides. <i>Solar Energy Materials and Solar Cells</i> , 2010 , 94, 1263-1269	6.4	25
80	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. <i>Vacuum</i> , 2010 , 84, 924-929	3.7	140
79	Buffer layers and transparent conducting oxides for chalcopyrite Cu(In,Ga)(S,Se) ₂ based thin film photovoltaics: present status and current developments. <i>Progress in Photovoltaics: Research and Applications</i> , 2010 , 18, 411-433	6.8	284
78	Transparent electrodes based on metal and metal oxide stacked layers grown at room temperature on polymer substrate. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010 , 207, 1563-1567	1.6	21
77	Effect of the ITO substrate on the growth of Cu(In,Ga)Se ₂ , CuGa ₃ Se ₅ , CuGa ₅ Se ₈ and CuIn ₃ Se ₅ thin films by flash evaporation. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 085401	3	4
76	Adjustment of the selenium amount provided during formation of CuInSe ₂ thin films from the metallic precursors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009 , 206, 84-90	1.6	21
75	Structure, optical and electrical properties of Al:ZnO thin films deposited by DC sputtering at room temperature on glass and plastic substrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009 , 206, 1531-1536	1.6	33
74	Transparent conductive ITO/Ag/ITO multilayer electrodes deposited by sputtering at room temperature. <i>Optics Communications</i> , 2009 , 282, 574-578	2	68
73	CuIn _{1-x} Al _x Se ₂ thin films obtained by selenization of evaporated metallic precursor layers. <i>Thin Solid Films</i> , 2009 , 517, 2240-2243	2.2	43
72	Comparative study of In ₂ S ₃ -ITO bilayers deposited on glass and different plastic substrates. <i>Thin Solid Films</i> , 2009 , 517, 2320-2323	2.2	6
71	Influence of the synthesis conditions on gallium sulfide thin films prepared by modulated flux deposition. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 085108	3	13
70	Structural, optical and electrical characteristics of ITO thin films deposited by sputtering on different polyester substrates. <i>Materials Chemistry and Physics</i> , 2008 , 112, 641-644	4.4	26

69	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. <i>Semiconductor Science and Technology</i> , 2008 , 23, 075002	1.8	20
68	Gallium indium sulfide layers obtained by modulated flux deposition. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 235103	3	6
67	Photo- and Electrochromic Properties of Activated Reactive Evaporated MoO ₃ Thin Films Grown on Flexible Substrates. <i>Research Letters in Nanotechnology</i> , 2008 , 2008, 1-5		11
66	ITO/metal/ITO multilayer structures based on Ag and Cu metal films for high-performance transparent electrodes. <i>Solar Energy Materials and Solar Cells</i> , 2008 , 92, 938-941	6.4	128
65	Transparent and conductive ZnO:Al thin films grown by pulsed magnetron sputtering in current or voltage regulation modes. <i>Vacuum</i> , 2008 , 82, 668-672	3.7	16
64	Structure, optical, and electrical properties of indium tin oxide thin films prepared by sputtering at room temperature and annealed in air or nitrogen. <i>Journal of Applied Physics</i> , 2007 , 101, 073514	2.5	94
63	Thin-film polyimide/indium tin oxide composites for photovoltaic applications. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 3491-3497	2.9	23
62	Relation between structure, morphology and optical properties of indium sulphide thin films prepared by different vacuum methods. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007 , 204, 3333-3339	1.6	3
61	Structural and optical characterization of indium and gallium indium sulfide films prepared by modulated flux deposition. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007 , 204, 3367-3372	1.6	6
60	Indium sulfide buffer layers deposited by dry and wet methods. <i>Thin Solid Films</i> , 2007 , 515, 6041-6044	2.2	33
59	Characteristics of stacked CuInS ₂ and CuGaS ₂ layers as determined by the growth sequence. <i>Thin Solid Films</i> , 2007 , 515, 5917-5920	2.2	5
58	Polycrystalline growth and recrystallization processes in sputtered ITO thin films. <i>Thin Solid Films</i> , 2006 , 510, 260-264	2.2	69
57	CuInS ₂ thin films grown sequentially from binary sulfides as compared to layers evaporated directly from the elements. <i>Semiconductor Science and Technology</i> , 2006 , 21, 709-712	1.8	15
56	CuIn _{1-x} Ga _x Se ₂ -based thin-film solar cells by the selenization of sequentially evaporated metallic layers. <i>Progress in Photovoltaics: Research and Applications</i> , 2006 , 14, 145-153	6.8	53
55	CuInS ₂ and CuGaS ₂ thin films grown by modulated flux deposition with various Cu contents. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 2438-2443	1.6	28
54	Study of the interface formed between poly(2-methoxy-5-(2-ethyl-hexyloxy)-p-phenylene vinylene) and indium tin oxide in top emission organic light emitting diodes. <i>Applied Surface Science</i> , 2006 , 252, 8388-8393	6.7	6
53	Stability of sputtered ITO thin films to the damp-heat test. <i>Surface and Coatings Technology</i> , 2006 , 201, 309-312	4.4	39
52	Influence of oxygen in the deposition and annealing atmosphere on the characteristics of ITO thin films prepared by sputtering at room temperature. <i>Vacuum</i> , 2006 , 80, 615-620	3.7	91

51	Study of preparation parameters for indium sulfide thin films obtained by modulated flux deposition. <i>Thin Solid Films</i> , 2006 , 511-512, 121-124	2.2	16
50	High conductivity and transparent ZnO:Al films prepared at low temperature by DC and MF magnetron sputtering. <i>Thin Solid Films</i> , 2006 , 515, 640-643	2.2	79
49	Preparation and characterization of CuIn _{1-x} Ga _x Se ₂ thin films obtained by sequential evaporations and different selenization processes. <i>Thin Solid Films</i> , 2005 , 474, 70-76	2.2	22
48	Comparison study of ITO thin films deposited by sputtering at room temperature onto polymer and glass substrates. <i>Thin Solid Films</i> , 2005 , 480-481, 129-132	2.2	115
47	CuInSe ₂ Formation by selenization of sequentially evaporated metallic layers. <i>Solar Energy Materials and Solar Cells</i> , 2005 , 86, 1-10	6.4	55
46	Application of ICP-OES to the determination of CuIn _(1-x) Ga _(x) Se ₂ thin films used as absorber materials in solar cell devices. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 466-70	4.4	4
45	Structure, morphology and optical properties of CuInS ₂ thin films prepared by modulated flux deposition. <i>Thin Solid Films</i> , 2005 , 480-481, 19-23	2.2	24
44	Tailoring growth conditions for modulated flux deposition of In ₂ S ₃ thin films. <i>Thin Solid Films</i> , 2004 , 451-452, 112-115	2.2	35
43	Improved ITO thin films for photovoltaic applications with a thin ZnO layer by sputtering. <i>Thin Solid Films</i> , 2004 , 451-452, 630-633	2.2	66
42	Structural and morphological properties of Cu(In, Ga)Se ₂ thin films on Mo substrate. <i>Applied Surface Science</i> , 2004 , 238, 180-183	6.7	7
41	Optical and electrical properties of CuIn _{1-x} Ga _x Se ₂ thin films obtained by selenization of sequentially evaporated metallic layers. <i>Thin Solid Films</i> , 2003 , 431-432, 200-204	2.2	31
40	Electrical contacts on polyimide substrates for flexible thin film photovoltaic devices. <i>Thin Solid Films</i> , 2003 , 431-432, 403-406	2.2	11
39	Characteristics of sequentially evaporated In _x Ga _y Se _z thin films. <i>Journal of Physics and Chemistry of Solids</i> , 2003 , 64, 1717-1719	3.9	2
38	Low-resistivity Mo thin films prepared by evaporation onto 30cm ³⁰ cm glass substrates. <i>Journal of Materials Processing Technology</i> , 2003 , 143-144, 144-147	5.3	16
37	Comparison between large area dc-magnetron sputtered and e-beam evaporated molybdenum as thin film electrical contacts. <i>Journal of Materials Processing Technology</i> , 2003 , 143-144, 326-331	5.3	18
36	Comparative studies between Cu ₂ Ga ₂ Se and Cu ₂ In ₂ Se thin film systems. <i>Thin Solid Films</i> , 2002 , 403-404, 107-111	2.2	26
35	Semiconductor CuInSe ₂ formation by close-spaced selenization processes in vacuum. <i>Vacuum</i> , 2002 , 67, 659-664	3.7	18
34	Transparent films on polymers for photovoltaic applications. <i>Vacuum</i> , 2002 , 67, 611-616	3.7	64

33	Structure, morphology and photoelectrochemical activity of CuInSe ₂ thin films as determined by the characteristics of evaporated metallic precursors. <i>Solar Energy Materials and Solar Cells</i> , 2002 , 73, 141-149	6.4	34
32	Arrangement of flexible foil substrates for CuInSe ₂ -based solar cells. <i>Surface and Coatings Technology</i> , 2001 , 148, 61-64	4.4	8
31	Recrystallization and components redistribution processes in electrodeposited CuInSe ₂ thin films. <i>Thin Solid Films</i> , 2001 , 387, 57-59	2.2	8
30	Leveling effect of sol-gel SiO ₂ coatings onto metallic foil substrates. <i>Surface and Coatings Technology</i> , 2001 , 138, 205-210	4.4	9
29	Chemistry of CdS/CuInSe ₂ Structures as Controlled by the CdS Deposition Bath. <i>Journal of the Electrochemical Society</i> , 2001 , 148, G602	3.9	16
28	Alloying and selenization of Cu-In stacked layers evaporated onto large areas. <i>Materials Research Society Symposia Proceedings</i> , 2001 , 668, 1		1
27	CuInSe ₂ thin films obtained by a novel electrodeposition and sputtering combined method. <i>Vacuum</i> , 2000 , 58, 594-601	3.7	16
26	Performance of sol-gel SiO ₂ coatings onto glass/SnO ₂ superstrates. <i>Surface and Coatings Technology</i> , 2000 , 132, 31-35	4.4	6
25	SnO ₂ substrate effects on the morphology and composition of chemical bath deposited ZnSe thin films. <i>Thin Solid Films</i> , 2000 , 361-362, 177-182	2.2	59
24	Photovoltaic windows by chemical bath deposition. <i>Thin Solid Films</i> , 2000 , 361-362, 28-33	2.2	69
23	Chemical studies of solar cell structures based on electrodeposited CuInSe ₂ . <i>Solar Energy Materials and Solar Cells</i> , 1999 , 58, 219-224	6.4	4
22	SiO ₂ sol-gel-coated conducting substrates for CuInSe ₂ electrodeposition. <i>Surface and Coatings Technology</i> , 1999 , 115, 45-51	4.4	6
21	Cadmium sulphide growth investigations on different SnO ₂ substrates. <i>Applied Surface Science</i> , 1999 , 140, 182-189	6.7	36
20	New approaches to obtain CuIn _{1-x} Ga _x Se ₂ thin films by combining electrodeposited and evaporated precursors. <i>Thin Solid Films</i> , 1998 , 323, 93-98	2.2	11
19	Accurate control of thin film CdS growth process by adjusting the chemical bath deposition parameters. <i>Thin Solid Films</i> , 1998 , 335, 37-42	2.2	46
18	Effect of r.f.-sputtered Mo substrate on the microstructure of electrodeposited CuInSe ₂ thin films. <i>Surface and Coatings Technology</i> , 1998 , 110, 62-67	4.4	41
17	Morphological and structural studies of CBD-CdS thin films by microscopy and diffraction techniques. <i>Applied Surface Science</i> , 1998 , 136, 8-16	6.7	58
16	Preparation of Indium Hydroxy Sulfide In _x (OH) _y S _z Thin Films by Chemical Bath Deposition. <i>Journal of the Electrochemical Society</i> , 1998 , 145, 2775-2779	3.9	46

15	Improved Selenization Procedure to Obtain CuInSe ₂ Thin Films from Sequentially Electrodeposited Precursors. <i>Journal of the Electrochemical Society</i> , 1996 , 143, 493-498	3.9	21
14	Morphological investigations on CdS-TCO photovoltaic window layers using atomic force microscopy. <i>Progress in Photovoltaics: Research and Applications</i> , 1996 , 4, 439-446	6.8	5
13	Improvement of the optical properties of electrodeposited CuInSe ₂ thin films by thermal and chemical treatments. <i>Solar Energy Materials and Solar Cells</i> , 1996 , 43, 47-57	6.4	35
12	Optimisation of CdS/TCO bilayers for their application as windows in photovoltaic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 1996 , 43, 297-310	6.4	14
11	Reaction Pathways to CuInSe ₂ Formation from Electrodeposited Precursors. <i>Journal of the Electrochemical Society</i> , 1995 , 142, 1834-1838	3.9	21
10	Photovoltaic activity of electrodeposited p-CuInSe ₂ /electrolyte junction. <i>Journal of Applied Physics</i> , 1994 , 76, 359-362	2.5	18
9	Effects of Thermal and Chemical Treatments on the Composition and Structure of Electrodeposited CuInSe ₂ Thin Films. <i>Journal of the Electrochemical Society</i> , 1994 , 141, 225-230	3.9	37
8	Investigations of the electrical properties of electrodeposited CuInSe ₂ thin films. <i>Journal of Applied Physics</i> , 1992 , 71, 5479-5483	2.5	34
7	Cathodic electrodeposition of CuInSe ₂ thin films. <i>Thin Solid Films</i> , 1991 , 195, 137-146	2.2	45
6	Optical properties of electrochemically deposited CuInSe ₂ thin films. <i>Solar Energy Materials and Solar Cells</i> , 1991 , 23, 31-45		37
5	Study of the optical transitions in electrodeposited CuInSe ₂ thin films. <i>Journal of Applied Physics</i> , 1991 , 69, 429-432	2.5	33
4	Effect of Annealing Temperature on the Optical Properties of Electrodeposited CuInSe ₂ Thin Films 1991 , 897-899		
3	On the properties of electrochemically obtained mercury cadmium telluride thin films. <i>Materials Chemistry and Physics</i> , 1990 , 26, 421-432	4.4	5
2	On the electrical anisotropy of conducting polypyrrole. <i>Journal of Materials Science</i> , 1990 , 25, 4914-4917	4.3	17
1	High-Performance Electrodes for Organic Photovoltaics	3.9	23