Orlando Zelaya-Angel

List of Publications by Year in Descending Order

205 papers	3,297 citations	28 h-index	45 g-index
206 ext. papers	3,532 ext. citations	3 avg, IF	4.77 L-index

#	Paper	IF	Citations
205	Rhombohedral symmetry in GaAs1□x N x nanostructures. *Semiconductor Science and Technology*, **2021**, 36, 045026	1.8	
204	Effects of rapid thermal annealing as back contacts activation treatment on CdS/CdTe multi-contacted solar cells. *Superlattices and Microstructures*, **2021**, 151, 106832	2.8	1
203	Characterization of substitutional and interstitial Eu+3-positions in CdS lattice. *Materials Chemistry and Physics*, **2021**, 257, 123763	4.4	
202	Optoelectronic properties of Cl and F doped CdS thin films grown by chemical bath deposition. *Optik*, **2021**, 226, 166004	2.5	1
201	White photoluminescence emission using CdS + CdCO3 composite thin films. *Journal of Luminescence*, **2021**, 230, 117673	3.8	1
200	Structural and optical properties of CdTe + CdTeO3 nanocomposite films with broad blueish photoluminescence. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 7133-7140	2.1	4
199	Photoluminescence emission from nanostructured porous preparations of CdS-ZnTiO assembled nanoparticles. *Luminescence*, **2020**, 35, 781-787	2.5	2
198	Burstein Moss effect in CdO□V2O5□P2O: Er3+ glasses, and the Yb3+ concentration effect on up conversion and downshifting emissions. *Journal of Alloys and Compounds*, **2020**, 834, 154966	5.7	6
197	Photocatalytic activity of ZnO + CuO thin films deposited by dip coating: coupling effect between oxides. *Journal of Sol-Gel Science and Technology*, **2020**, 93, 517-526	2.3	4
196	Raman spectroscopy study of the wurtzite-zinc blende phase transition of bare CdSe nanoparticles. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2020**, 260, 114621	3.1	0
195	Optical properties of CdS nanocrystalline thin films in the abrupt phase transition from zinc blende to wurtzite. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 16561-16568	2.1	1
194	Cd2SnO4/CdS/Cu2O/Ag solar cell obtained by chemical techniques. *Materials Research Bulletin*, **2020**, 122, 110669	5.1	11
193	Photoluminescence donor-acceptor band splitting in phase transition of CdSe nanoparticles. *Journal of Luminescence*, **2019**, 209, 141-145	3.8	3
192	Effect of the thiourea incorporation velocity and RTA post-deposit treatments, on the properties of CdS films deposited by CBD. *Journal of Alloys and Compounds*, **2019**, 803, 1168-1177	5.7	4
191	Luminescent Properties of (004) Highly Oriented Cubic Zinc Blende ZnO Thin Films. *Materials*, **2019**, 12,	3.5	7
190	Modification of the Crystalline Structure of ZnO Nanoparticles Embedded Within a SiO2 Matrix due to Thermal Stress Effects. *Materials Research*, **2019**, 22,	1.5	2
189	Synthesis of paramelaconite nanoparticles by laser ablation. *Journal of Laser Applications*, **2018**, 30, 012012	2.1	3

188	Airy pattern on narrow photoluminescence spectrum of band to band recombination in CdTe:Te thin films. *Journal of Luminescence*, **2018**, 194, 565-568	3.8	2
187	Cuprous oxide thin films obtained by spray-pyrolysis technique. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 851-857	2.1	23
186	Effect of the combination of Cu and CdTe plasmas on the structural and optical properties of CdTe:Cu thin films deposited by laser ablation. *Materials Science in Semiconductor Processing*, **2018**, 87, 7-12	4.3	5
185	Synthesis and Characterization of Self-Assembled ZnO Nanoparticles Embedded Within a SiO2 Matrix Deposited on (111) p-Type Silicon By Reactive RF Sputtering Using Metallic Zinc Target As Precursor. *Journal of Electronic Materials*, **2018**, 47, 6607-6612	1.9	2
184	Cu 2 O thin films obtained from sol-gel cuo films using a simple argon/dry-air microwave plasma. *Materials Science in Semiconductor Processing*, **2018**, 74, 203-209	4.3	13
183	Temperature–Power Simultaneous Effect on Physical Properties of BaxSr1−x TiO3 Thin Films Deposited by RF-Magnetron Cosputtering for 0 ≤ x ≤ 1. *Coatings*, **2018**, 8, 362	2.9	2
182	Cd2SnO4 thin films obtained by spray pyrolysis using RTA post-deposition treatments. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 20470-20475	2.1	1
181	Effect of annealing temperature on structural, morphological and optical properties of CeO2 thin films obtained from a simple precursor solution. *Journal of Sol-Gel Science and Technology*, **2017**, 82, 20-27	2.3	5
180	Very sharp zinc blende-wurtzite phase transition of CdS nanoparticles. *Superlattices and Microstructures*, **2017**, 102, 442-450	2.8	11
179	Stoichiometry Calculation in BaxSr1−xTiO3 Solid Solution Thin Films, Prepared by RF Cosputtering, Using X-Ray Diffraction Peak Positions and Boltzmann Sigmoidal Modelling. *Journal of Nanomaterials*, **2017**, 2017, 1-8	3.2	2
178	Resistivity, photoresistivity and magnetoresistance in sharp zincblende-wurtzite phase transition in CdS nanoparticles. *Superlattices and Microstructures*, **2017**, 111, 1217-1225	2.8	3
177	Study of the morphological, structural, thermal, and pasting corn transformation during the traditional nixtamalization process: From corn to tortilla. *Journal of Food Engineering*, **2017**, 212, 242-251	6	24
176	Influence of Thermal Annealings in Argon on the Structural and Thermochromic Properties of (mathrm{MoO}_{3}) Thin Films. *International Journal of Thermophysics*, **2017**, 38, 1	2.1	16
175	Nanocrystalline-CdS thin films grown on flexible PET-substrates by chemical bath deposition. *Materials Research Express*, **2017**, 4, 075904	1.7	12
174	Effect of the sulfur and fluorine concentration on physical properties of CdS films grown by chemical bath deposition. *Results in Physics*, **2017**, 7, 1971-1975	3.7	14
173	Vibrational Properties of Monodispersed CdS Nanoparticles Immersed in a Matrix Constituted of SnO 2 Nanostructured Thin Films. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2017**, 14, 1700221		
172	Photoluminescent and electrical properties of novel Nd3+ doped ZnV2O6 and Zn2V2O7. *Ceramics International*, **2016**, 42, 8425-8430	5.1	14
171	Properties of Particle Size Distribution from Milled White Nixtamalized Corn Kernels as a Function of Steeping Time. *Scientifica*, **2016**, 2016, 6724047	2.6	0

170	Structural properties of Sn-doped CdTe thin films grown by pulsed laser deposition using powder as target. *Journal of Laser Applications*, **2016**, 28, 032012	2.1	6
169	Gaseous benzene degradation by photocatalysis using ZnO + Zn2TiO4 thin films obtained by sol-gel process. *Environmental Science and Pollution Research*, **2016**, 23, 13191-9	5.1	11
168	Influence of vacuum and Ar/CdS atmospheres-rapid thermal annealing (RTA) on the properties of Cd2SnO4 thin films obtained by sol-gel technique. *Materials Science in Semiconductor Processing*, **2016**, 56, 302-306	4.3	6
167	Analysis of the photocatalytic activity of CdS+ZnTiO3 nanocomposite films prepared by sputtering process. *Superlattices and Microstructures*, **2016**, 100, 148-157	2.8	8
166	Photodegradation of gaseous C6H6 using CdO+CdTiO3 and TiO2 thin films obtained by sol□gel technique. *Journal of Photochemistry and Photobiology A: Chemistry*, **2015**, 310, 52-59	4.7	15
165	Red shifts of the Eg(1) Raman mode of nanocrystalline TiO2:Er monoliths grown by sol□gel process. *Optical Materials*, **2015**, 46, 345-349	3.3	19
164	Influence of the indium nominal concentration in the formation of CuInS2 films grown by CBD. *Materials Science in Semiconductor Processing*, **2015**, 39, 755-759	4.3	2
163	Incorporation of Er3+ ions into an amorphous matrix of Cd2V2O7 containing crystalline CdO nanoparticles. *Materials Research Bulletin*, **2015**, 68, 267-270	5.1	6
162	Photoluminescence of CdTe nanocrystals grown by pulsed laser ablation on a template of Si nanoparticles. *Applied Physics A: Materials Science and Processing*, **2015**, 118, 1039-1042	2.6	3
161	Structural and optical properties of CdTe-nanocrystals thin films grown by chemical synthesis. *Materials Science in Semiconductor Processing*, **2015**, 35, 144-148	4.3	18
160	Nanometric structures of highly oriented zinc blende ZnO thin films. *Materials Letters*, **2015**, 139, 63-65	3.3	6
159	Composition dependence of the crystalline-to-amorphous phase transformation of vanadate compounds in the CdO□V 2 O 5 binary system. *Journal of Non-Crystalline Solids*, **2015**, 408, 26-31	3.9	9
158	Influence of plasma parameters and substrate temperature on the structural and optical properties of CdTe thin films deposited on glass by laser ablation. *Journal of Applied Physics*, **2015**, 118, 125304	2.5	10
157	Study of the synthesis of self- assembled tin disulfide nanoparticles prepared by a low-cost process. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2015**, 12, 564-567		4
156	Synthesis of CdS Nanocrystals by Employing the By-Products of the Anaerobic Respiratory Process ofDesulfovibrio alaskensis6SR Bacteria. *Journal of Nanomaterials*, **2015**, 2015, 1-7	3.2	3
155	Structural, electrical and optical properties of tin doped cadmium oxide thin films obtained by sol□gel. *Journal of Sol-Gel Science and Technology*, **2014**, 70, 500-505	2.3	12
154	Studies of phase formation from the ZnO□CdO□V2O5 ternary system. *Journal of Non-Crystalline Solids*, **2014**, 386, 39-45	3.9	7
153	Analysis of vanadate compounds and glasses from the Cu□CdO□V2O5 ternary system. *Journal of Non-Crystalline Solids*, **2014**, 398-399, 10-15	3.9	4

152	Study of the structure, optical properties, surface morphology and topology of ZnO thin films grown by sol□gel on silicon substrates. *Materials Research Express*, **2014**, 1, 036404	1.7	1
151	Photoluminescence in Nd-doped V2O5. *Journal of Materials Science*, **2014**, 49, 2298-2302	4.3	5
150	A novel solvothermal route for obtaining strontium titanate nanoparticles. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	7
149	Photoluminescence in undoped (CdO)1□(InO3/2)x thin films at room temperature, 0□1. *Journal of Luminescence*, **2013**, 135, 133-138	3.8	13
148	Effect of precursor solution and annealing temperature on the physical properties of Sol□Gel-deposited ZnO thin films. *Results in Physics*, **2013**, 3, 248-253	3.7	24
147	Influence of internal stress on the optical properties of CdS:Cu nanoparticles. *Optical Materials*, **2013**, 35, 1023-1028	3.3	4
146	Surface Recombination Velocity Dependence on Morphological Properties of CdTe Thin Films Prepared by Close-Spaced Sublimation. *International Journal of Thermophysics*, **2013**, 34, 1746-1753	2.1	1
145	Crystallization of II-VI semiconductor compounds forming long microcrystalline linear assemblies. *Materials Research*, **2013**, 16, 497-503	1.5	1
144	Structural, morphological, optical and photocatalytic characterization of ZnO□SnO2 thin films prepared by the sol□gel technique. *Journal of Photochemistry and Photobiology A: Chemistry*, **2012**, 235, 49-55	4.7	59
143	Forbidden energy band gap in diluted a-Ge1 □xSix:N films. *Thin Solid Films*, **2012**, 520, 5463-5465	2.2	1
142	Enhancement of photoluminescence due to erbium-doped in CdS thin films. *Journal of Materials Science*, **2012**, 47, 479-485	4.3	18
141	Intense white luminescence in ZnTe embedded porous silicon. *Applied Physics Letters*, **2012**, 100, 263110	3.4	1
140	Effect of a ZnSe Layer on the Thermochromic Properties of MoO3 Thin Films. *International Journal of Thermophysics*, **2012**, 33, 2035-2040	2.1	7
139	Synthesis of CdSe nanoparticles immersed in an organic matrix of amylopectin by means of rf sputtering. *Journal of Crystal Growth*, **2012**, 338, 251-255	1.6	9
138	Effect of Er-doping on the structural and optical properties of Cd2V2O7. *Physica Status Solidi (A) Applications and Materials Science*, **2012**, 209, 2281-2285	1.6	9
137	Band gap coupling in photocatalytic activity in ZnO□TiO2 thin films. *Applied Physics A: Materials Science and Processing*, **2012**, 108, 291-297	2.6	39
136	Photochromism and thermochromism of MoO3 thin films doped with ZnSe **2012**,		4
135	Temperature dependence of the local conductance in nanocrystalline CdSe films. *Applied Physics Letters*, **2011**, 99, 012102	3.4	2

134	Local charging effects in nanocrystalline CdSe films. *Physical Review B*, **2011**, 83,	3.3	2
133	Undoped tin oxide thin films obtained by the sol gel technique, starting from a simple precursor solution. *Journal of Materials Science: Materials in Electronics*, **2011**, 22, 684-689	2.1	17
132	Photoluminescence of epoxy/clay nanocomposites. *Polymer Engineering and Science*, **2011**, 51, 1808-1814	1.3	7
131	Effect of calcium content in the corn flour on RVA profiles. *Journal of Food Engineering*, **2011**, 102, 100-103	3	14
130	Kinetics of water diffusion in corn grain during the alkaline cooking at different temperatures and calcium hydroxide concentration. *Journal of Food Engineering*, **2011**, 106, 60-64	6	16
129	Photoacoustic technique for simultaneous measurements of thermal effusivity and absorptivity of pigments in liquid solution. *Review of Scientific Instruments*, **2011**, 82, 124901	1.7	4
128	Structural and Optical Characterization of CdSe Films Grown by Chemical Bath Deposition. *Materials Science Forum*, **2011**, 691, 119-126	0.4	5
127	Optical characterization of novel matrix glasses based on a CdO:ZnO:V2O5 ternary system. *Journal of Non-Crystalline Solids*, **2010**, 356, 374-377	3.9	8
126	Optical characterization of CdS semiconductor nanoparticles capped with starch. *Applied Surface Science*, **2010**, 257, 581-584	6.7	12
125	Low-temperature photoluminescence spectra of CdO□n2O3 thin films prepared by sol□gel. *Journal of Luminescence*, **2010**, 130, 2500-2504	3.8	25
124	Local order effects on the photoluminescence of Er3+ in a novel vitreous matrix of the CdO□nO□V2O5 system and manifolds in ZnxAl2□O3 micro crystalline aggregates. *Optical Materials*, **2010**, 32, 1090-1094	3.3	5
123	CdS thin films doped with metal-organic salts using chemical bath deposition. *Thin Solid Films*, **2010**, 518, 1791-1795	2.2	33
122	Optical and structural properties of CdO+CdTiO3 thin films prepared by sol□gel. *Materials Chemistry and Physics*, **2009**, 115, 530-535	4.4	11
121	Effect of ZnSe doping on the photochromic and thermochromic properties of MoO3 thin films. *Thin Solid Films*, **2009**, 518, 1332-1336	2.2	33
120	Crystallization from amorphous structure to hexagonal quantum dots induced by an electron beam on CdTe thin films. *Journal of Crystal Growth*, **2009**, 311, 1245-1249	1.6	11
119	Electrical and optical properties of Cr2□TixO3thin films. *Journal Physics D: Applied Physics*, **2008**, 41, 205407	3	7
118	Effect of thermal annealing on r.f. sputtering-deposited nanocrystalline GaN x As1□ thin films. *Journal of Nanoparticle Research*, **2008**, 10, 519-523	2.3	2
117	Photoluminescence properties of the ZnO□dO□eO2 system doped with the Tb3+and Yb3+ ions. *Journal of Luminescence*, **2008**, 128, 213-216	3.8	9

116	Influence of the annealing temperature on the properties of undoped indium oxide thin films obtained by the sol–gel method. *Thin Solid Films*, **2008**, 517, 681-685	2.2	40
115	Electrical properties of Er-doped CdS thin films. *Journal of Applied Physics*, **2007**, 101, 013712	2.5	28
114	Effect of the sintering temperature on the photocatalytic activity of ZnO+Zn2TiO4 thin films. *Solar Energy Materials and Solar Cells*, **2007**, 91, 1454-1457	6.4	25
113	Boron implantation effects in CdS thin films grown by chemical synthesis. *Vacuum*, **2007**, 81, 1430-1433	3.7	5
112	Photoluminescence of Rhodamine 6G-doped amorphous TiO2 thin films grown by sol–gel. *Vacuum*, **2007**, 81, 1480-1483	3.7	10
111	Optical and electrical characterization of fluorine doped cadmium oxide thin films prepared by the sol–gel method. *Thin Solid Films*, **2007**, 515, 5381-5385	2.2	75
110	Physical properties of Bi-doped CdTe thin films deposited by cosputtering. *Physica Status Solidi (A) Applications and Materials Science*, **2007**, 204, 768-775	1.6	6
109	Raman shift on n-doped amorphous carbon thin films grown by electron beam evaporation. *Physica Status Solidi (A) Applications and Materials Science*, **2007**, 204, 964-966	1.6	3
108	High conductivity a-C:N thin films prepared by electron gun evaporation. *Materials Characterization*, **2007**, 58, 809-816	3.9	4
107	Optical and structural properties of ZnO + Zn2TiO4 thin films prepared by the sol–gel method. *Journal of Materials Science: Materials in Electronics*, **2007**, 18, 1127-1130	2.1	19
106	Meyer-Neldel-like manifestation of the quantum confinement effect in solid ensembles of semiconductor quantum dots. *Physical Review B*, **2007**, 75,	3.3	16
105	Size-dependent local conductance properties of CdSe nanocrystal ensembles. *Physical Review B*, **2006**, 73,	3.3	16
104	Growth of CdS:Cu Nanocrystals by Chemical Synthesis. *Journal of the Electrochemical Society*, **2006**, 153, G926	3.9	15
103	Improved electrical, optical, and structural properties of undoped ZnO thin films grown by water-mist-assisted spray pyrolysis. *Physica Status Solidi (A) Applications and Materials Science*, **2006** , 203, 2411-2417	1.6	10
102	Influence of the growth parameters of p-CdTe thin films on the performance of Au□u/p-CdTe/n-CdO type solar cells. *Solar Energy*, **2006**, 80, 142-147	6.8	22
101	CdO+CdTiO3 thin films prepared by sol–gel. *Solar Energy Materials and Solar Cells*, **2006**, 90, 2280-2288	6.4	15
100	Au□u/p□dTe/n□dO/glass-type solar cells. *Solar Energy Materials and Solar Cells*, **2006**, 90, 2272-2279	6.4	27
99	CdTiO3 thin films prepared by sol–gel method using a simpler route. *Surface and Coatings Technology*, **2006**, 200, 3567-3572	4.4	22

98	Dependence of electrical and optical properties of sol–gel prepared undoped cadmium oxide thin films on annealing temperature. *Thin Solid Films*, **2005**, 493, 83-87	2.2	106
97	Atmospheric ethene concentrations in Mexico City: Indications of strong diurnal and seasonal dependences. *Atmospheric Environment*, **2005**, 39, 5219-5225	5.3	11
96	Cd(S(1 −x) + CO3(x)) thin films by chemical synthesis. *Journal of Materials Science*, **2005**, 40, 4489-4492	4.3	13
95	Characterization of TiO2thin films for photocatalysis applications using photoacoustic spectroscopy. *European Physical Journal Special Topics*, **2005**, 125, 407-409		3
94	On the bowing parameter in Cd1−xZnxTe. *Journal of Applied Physics*, **2004**, 95, 6284-6288	2.5	25
93	Effects of annealing on the lattice parameter of polycrystalline CdS thin films. *Crystal Research and Technology*, **2004**, 39, 1115-1119	1.3	15
92	Quantum confinement effects in variable band-gap GaNxAs1−x thin films studied by photoacoustic spectroscopy. *Review of Scientific Instruments*, **2003**, 74, 854-856	1.7	4
91	Thermoreflectance studies in CdNiTe nanocrystalline films. *Journal of Physics and Chemistry of Solids*, **2003**, 64, 565-570	3.9	1
90	Atmospheric pollution profiles in Mexico City in two different seasons. *Review of Scientific Instruments*, **2003**, 74, 500-502	1.7	4
89	Donor–acceptor pair photoluminescence spectra analysis in CdTe:Ag. *Journal of Applied Physics*, **2003**, 94, 2284-2288	2.5	14
88	Growth of Semiconductors Thin Films by Radio Frequency Sputtering with Two Phases: GaInNAs and GaAs Nanocrystals. *Physica Status Solidi (B): Basic Research*, **2002**, 230, 355-358	1.3	
87	Extra Raman modes in CdS during cubic to hexagonal structural transformation. *Journal of Raman Spectroscopy*, **2002**, 33, 460-465	2.3	10
86	CdSe band-splitting on thermal annealed films. *Optical Materials*, **2002**, 18, 383-389	3.3	12
85	Influence of magnetic field and type of substrate on the growth of ZnS films by chemical bath. *Thin Solid Films*, **2002**, 419, 118-123	2.2	54
84	Growth and characterization of GaInNxAs1−x thin films with band-gap energies in the red-blue portion of the visible spectrum. *Applied Physics Letters*, **2002**, 80, 1900-1902	3.4	3
83	On the yellow-band emission in CdS films. *Applied Physics A: Materials Science and Processing*, **2001**, 73, 61-65	2.6	41
82	Photoluminescence in cubic and hexagonal CdS films. *Applied Surface Science*, **2001**, 175-176, 562-566	6.7	56
81	Effects of Cd vacancies on the electrical properties of polycrystalline CdTe sputtered films. *Journal of Physics and Chemistry of Solids*, **2001**, 62, 1081-1085	3.9	18

80	Electrocoloration curve analysis in WO3 thin films. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2001**, 86, 123-127	3.1	2
79	Quantum Confinement and Crystalline Structure of CdSe Nanocrystalline Films. *Physica Status Solidi A*, **2001**, 188, 1059-1064		22
78	Influence of crystalline quality on the thermal, optical and structural properties of Cd1−ZnxTe for low zinc concentration. *Journal of Crystal Growth*, **2001**, 233, 275-281	1.6	9
77	Influence of low temperature thermal annealing on the dark resistivity of chemical bath deposited CdS films. *Materials Chemistry and Physics*, **2001**, 70, 100-102	4.4	32
76	Modification of the properties of chemically deposited CdS thin films grown under magnetic field and variable growing parameters. *Materials Research Bulletin*, **2001**, 36, 521-530	5.1	13
75	Morphological, optical, and photoluminescent characteristics of GaAs1−Nx nanowhiskered thin films. *Applied Physics Letters*, **2001**, 79, 2555-2557	3.4	2
74	Presence of oxygen in the lattice of CdTe thin films. *Journal of Applied Physics*, **2001**, 89, 6073-6078	2.5	5
73	CdTe-Cd: A new semiconductor with polytype structure. *Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties*, **2000**, 80, 1621-1628		
72	Nanostructured GaAs(N) Thin Films Prepared by RF Sputtering. *Physica Status Solidi (B): Basic Research*, **2000**, 220, 59-64	1.3	5
71	Influence of Te inclusions and precipitates on the crystalline and thermal properties of CdTe single crystals. *Journal of Crystal Growth*, **2000**, 213, 259-266	1.6	23
70	Growth and characterization of Cd1−ZnxTe crystals with high Zn concentrations. *Journal of Crystal Growth*, **2000**, 209, 701-708	1.6	15
69	DX centers and persistent photoconductivity in CdTeIn films. *Solid State Communications*, **2000**, 113, 621-625	1.6	16
68	Phase transformation on CdSe thin films under annealing in Ar+Se2 atmosphere. *Journal of Physics and Chemistry of Solids*, **2000**, 61, 1751-1754	3.9	27
67	Quantum confinement effects in CdTe nanostructured films prepared by the RF sputtering technique. *Journal of Physics and Chemistry of Solids*, **2000**, 61, 511-518	3.9	34
66	Observation of thermal desorption and MBE growth rate using laser light scattering. *Thin Solid Films*, **2000**, 373, 239-242	2.2	
65	Phase stability during molecular beam epitaxial growth of CdTe on InSb(111) substrates. *Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena*, **2000**, 18, 1716		9
64	Refractive index of colored films of molybdenum trioxide. *Journal of Applied Physics*, **2000**, 88, 223-226	2.5	12
63	Sphalerite-wurtzite phase transformation in CdS. *Physical Review B*, **2000**, 62, 13064-13069	3.3	50

62	Changes of the structural and optical properties of cubic CdS films on annealing in H2and air atmospheres. *Semiconductor Science and Technology*, **2000**, 15, 259-262	1.8	24
61	Properties of CdSe Polycrystalline Thin Films Grown by Chemical Bath. *Journal of the Electrochemical Society*, **1999**, 146, 2546-2548	3.9	20
60	Interstitial Cd doping CdTe films by co-sputtering. *Vacuum*, **1999**, 52, 99-102	3.7	12
59	Studies on In doped CdTe co-sputtered films. *Journal of Physics and Chemistry of Solids*, **1999**, 60, 257-265	3.9	2
58	On the interpretation of 57Fe Mössbauer spectra from CdTe thin films with substitutions of Fe, In, and Sb. *Thin Solid Films*, **1999**, 340, 301-305	2.2	
57	Refraction index and oscillator strength in MoO3 photocolored films. *Physica B: Condensed Matter*, **1999**, 271, 369-373	2.8	6
56	Strain effects on the energy band-gap in oxygenated CdTe thin films studied by photoreflectance. *Journal of Physics and Chemistry of Solids*, **1999**, 60, 807-811	3.9	5
55	Effect of a CdS interlayer in thermochromism and photochromism of MoO3 thin films. *Thin Solid Films*, **1999**, 343-344, 202-205	2.2	18
54	Influence of NH3 concentration and annealing in the properties of chemical bath deposited ZnS films. *Materials Chemistry and Physics*, **1999**, 61, 139-142	4.4	60
53	Chemical CdS Thin-Film Deposition Influenced by External Electric and Magnetic Fields. *Crystal Research and Technology*, **1999**, 34, 949-958	1.3	9
52	Theoretical basis for zincblende to wurtzite CdS-phase transition. *Phase Transitions*, **1999**, 70, 11-17	1.3	13
51	CHARACTERIZATION OF CUBIC CdS THIN FILMS ANNEALED IN VACUUM. *Journal of Physics and Chemistry of Solids*, **1998**, 59, 1393-1398	3.9	15
50	CdS thin-films deposited by a modified chemical-bath deposition method. *Journal of Crystal Growth*, **1998**, 187, 380-386	1.6	23
49	Optical properties of semimagnetic semiconductors studied by thermoreflectance spectroscopy. *Applied Surface Science*, **1998**, 123-124, 261-265	6.7	1
48	Electrical Characterization of Chemically Deposited CdS Thin Films under Magnetic Field Application. *Physica Status Solidi A*, **1998**, 167, 143-150		10
47	Quantum confinement effects on Cd1−xNixTe sputtered films. *Thin Solid Films*, **1998**, 317, 330-335	2.2	5
46	Properties of CdS thin films chemically deposited in the presence of a magnetic field. *Thin Solid Films*, **1998**, 322, 329-333	2.2	33
45	Thermal and electrical characterization of (CdTe)1−xTe composites: electron–phonon system. *Materials Letters*, **1998**, 36, 95-101	3.3	5

44	Cd self-doping of CdTe polycrystalline films by co-sputtering of CdTe□Cd targets. *Journal of Applied Physics*, **1998**, 83, 760-763	2.5	23
43	Indium doping of CdTe polycrystalline films prepared by co-sputtering of CdTe□In□Cd targets. *Applied Physics Letters*, **1997**, 70, 452-454	3.4	11
42	Quantum confinement in nanostructured CdNiTe composite thin films. *Journal of Applied Physics*, **1997**, 82, 708-711	2.5	10
41	Characterization of CdTe-Sb co-sputtered films. *Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films*, **1997**, 15, 2592-2596	2.9	2
40	Structural transition of chemically deposited CdS films on thermal annealing. *Journal of Physics Condensed Matter*, **1997**, 9, 10051-10058	1.8	43
39	Characterization of defect levels in chemically deposited CdS films in the cubic-to-hexagonal phase transition. *Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films*, **1997**, 15, 2282-2286	2.9	116
38	Characterization of CdTe-In co-sputtered films. *Journal of Physics and Chemistry of Solids*, **1997**, 58, 807-810	3.9	10
37	Cubic CdS thin films studied by spectroscopic ellipsometry. *Journal of Materials Science: Materials in Electronics*, **1997**, 8, 399-403	2.1	12
36	Influence of the substrate temperature on the structure and surface roughness of Cd0.18Sb0.64Te0.18 films. *Journal of Materials Science*, **1997**, 32, 3201-3205	4.3	2
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