

Iker Rodrigo ChÃ¡vez-Urbiola

List of Publications by Year in descending order

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21
papers

191
citations

933447

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1125743

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times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of tin-doping on cadmium sulfide (CdS:Sn) thin-films grown by light-assisted chemical bath deposition process for solar photovoltaic cell. <i>Thin Solid Films</i> , 2018, 653, 341-349.	1.8	22
2	Effects of aluminum doping in CdS thin films prepared by CBD and the performance on Schottky diodes TCO/CdS:Al/C. <i>Journal of Alloys and Compounds</i> , 2020, 817, 152740.	5.5	21
3	Development and characterization of photodiode n-ZnO/p-Si by Radio Frequency Sputtering, a sensor with low voltage operation and its response to visible and UV light. <i>Thin Solid Films</i> , 2019, 669, 364-370.	1.8	20
4	The transformation to cadmium oxide through annealing of cadmium oxide hydroxide deposited by ammonia-free SILAR method and the photocatalytic properties. <i>Thin Solid Films</i> , 2015, 592, 110-117.	1.8	17
5	Combined CBD-CVD Technique for Preparation of II-VI Semiconductor Films for Solar Cells. <i>Energy Procedia</i> , 2014, 57, 24-31.	1.8	16
6	Cesium Lead Bromide (CsPbBr ₃) Thin-Film-Based Solid-State Neutron Detector Developed by a Solution-Free Sublimation Process. <i>Advanced Materials Technologies</i> , 2020, 5, 2000534.	5.8	14
7	Cadmium selenide film through ammonia free thermal substitution reaction on cadmium oxide hydroxide films by chemical vapor deposition. <i>Materials Letters</i> , 2014, 116, 254-257.	2.6	13
8	Effects of aluminum doping upon properties of cadmium sulfide thin films and its effect on ITO/CdS:Al/NiOx/Ni/Au diodes. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	13
9	Preparation of II-VI and IV-VI semiconductor films for solar cells by the isovalent substitution technique with a CBD-made substrate. <i>Inorganic Materials</i> , 2014, 50, 546-550.	0.8	11
10	Solution Processable P3HT/CdS Photodiodes and Their Electrical Characterization. <i>International Journal of Electrochemical Science</i> , 2016, , 2962-2970.	1.3	11
11	Lead Telluride Through Transformation of Plumbonacrite in Tellurium Atmosphere and Its Behavior as Part of PbTe-Si Photodiode. <i>IEEE Sensors Journal</i> , 2016, 16, 5875-5882.	4.7	5
12	Synthesis and photocatalysis study of multiwalled carbon nanotubes grown in a lead-based microspherical support. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2018, 26, 370-378.	2.1	5
13	Chemical Deposition of ITO/CdS/PbS/C for Low Voltage Photosensor Applications. <i>International Journal of Electrochemical Science</i> , 2018, , 3452-3459.	1.3	4
14	Solvent-free and large area compatible deposition of methylammonium lead bromide perovskite by close space sublimation and its application in PIN diodes. <i>Thin Solid Films</i> , 2019, 692, 137585.	1.8	4
15	ZnO ₂ films by successive ionic layer adsorption and reaction method and their conversion to ZnO ones for p-Si/n-ZnO photodiode applications. <i>Semiconductor Science and Technology</i> , 2020, 35, 025012.	2.0	4
16	Research implementing different dopants (M = Al, Sn, and Eu) on the properties of Schottky diodes with structure TCO/CdS/C and TCO/CdS:M/C. <i>Journal of Alloys and Compounds</i> , 2022, 894, 162369.	5.5	4
17	Thermal transformation of plumbonacrite/Si films into microstructured Pb/Si ones. <i>Materials Letters</i> , 2017, 198, 38-41.	2.6	3
18	Di-thiourea cadmium chloride crystals synthesis under UV radiation influence. <i>Journal of Crystal Growth</i> , 2017, 478, 140-145.	1.5	3

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19	The Effect of Ultraviolet Radiation on the Chemical Bath Deposition of Bis(thiourea) Cadmium Chloride Crystals and the Subsequent CdS Obtention. Journal of Visualized Experiments, 2018, , .	0.3	1
20	Basic principles of chemical vapor deposition technique at atmospheric pressure for synthesis of cadmium telluride and its implementation as diode. , 2016, , .		0
21	Neutron Detectors: Cesium Lead Bromide (CsPbBr ₃) Thin-Film-Based Solid-State Neutron Detector Developed by a Solution-Free Sublimation Process (Adv. Mater. Technol. 12/2020). Advanced Materials Technologies, 2020, 5, 2070075.	5.8	0