

Strengths and Advantages of Electrodeposition as a Sensor for Applications in Macroelectronic Devices

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Photovoltaics literature survey (no. 45). Progress in Photovoltaics: Research and Applications, 2006, 14, 281-287.	4.4	1
2	Electrodeposition of CuInSe ₂ layers using a two-electrode system for applications in multi-layer graded bandgap solar cells. Solar Energy Materials and Solar Cells, 2006, 90, 2191-2200.	3.0	59
3	Optical absorption edge shifts in electrodeposited ZnO thin films. Thin Solid Films, 2007, 515, 7976-7983.	0.8	39
4	New insights in the electrodeposition mechanism of CuInSe ₂ thin films for solar cell applications. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3445-3448.	0.8	26
5	Electrodeposition of photoactive 1D gallium selenide quantum dots. Electrochimica Acta, 2008, 54, 829-834.	2.6	18
6	Stability of TiO ₂ nanotube arrays in photoelectrochemical studies. International Journal of Hydrogen Energy, 2008, 33, 5369-5374.	3.8	62
7	Synthesis of Coupled Semiconductor by Filling 1D TiO ₂ Nanotubes with CdS. Chemistry of Materials, 2008, 20, 6784-6791.	3.2	323
8	Selective formation of Ohmic junctions and Schottky barriers with electrodeposited ZnO. Applied Physics Letters, 2008, 92, 012103.	1.5	26
9	Templated Fabrication of InSb Nanowires for Nanoelectronics. Journal of Nanomaterials, 2008, 2008, 1-5.	1.5	22
10	Electrochemical Fabrication of InSb Nanowires using Porous Alumina Membrane and their Characterization. Materials Research Society Symposia Proceedings, 2008, 1080, 1.	0.1	0
11	Porous Weblike Network of InSe on a Compact Layer by Electrodeposition. Journal of the Electrochemical Society, 2008, 155, E57.	1.3	3
12	Deposition of selenium thin layers on gold surfaces from sulphuric acid media: Studies using electrochemical quartz crystal microbalance, cyclic voltammetry and AFM. Electrochimica Acta, 2010, 55, 1184-1192.	2.6	38
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16	Growth of Triangular ZnO Nanorods by Electrodeposition. Journal of the Electrochemical Society, 2010, 157, K269.	1.3	3
17	Galvanic Deposition of Nanoporous Si onto 6061 Al Alloy from Aqueous HF. Journal of the Electrochemical Society, 2011, 158, D68.	1.3	14
18	AC impedance and cyclic voltammetry studies on PbS semiconducting film prepared by electrodeposition. Journal of Electroanalytical Chemistry, 2011, 661, 265-269.	1.9	30

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19	Non-aqueous synthesis of silver nanoparticles using tin acetate as a reducing agent for the conductive ink formulation in printed electronics. <i>Journal of Materials Chemistry</i> , 2011, 21, 10871.	6.7	76
20	CdS thin films growth by fast evaporation with substrate rotation. <i>Applied Surface Science</i> , 2011, 257, 9480-9484.	3.1	16
21	Nanoscale Digital Devices Based on the Photoelectrochemical Photocurrent Switching Effect: Preparation, Properties and Applications. <i>Israel Journal of Chemistry</i> , 2011, 51, 36-55.	1.0	36
23	Effects of heat treatment of vacuum evaporated CdCl ₂ layer on the properties of CdS/CdTe solar cells. <i>Current Applied Physics</i> , 2011, 11, S103-S108.	1.1	32
24	Photoelectrochemical study of ZnSe electrodeposition on Cu electrode. <i>Journal of Electroanalytical Chemistry</i> , 2012, 674, 108-112.	1.9	21
25	Role of deposition time on structural, optical and electrical properties of In-rich Cu ₂ InS spinel films grown by electrodeposition technique. <i>Superlattices and Microstructures</i> , 2013, 61, 22-32.	1.4	18
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27	Electrochemical growth of Cu ₂ Zn sulfides. <i>Journal of Electroanalytical Chemistry</i> , 2013, 710, 17-21.	1.9	24
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33	Preparation of indium selenide thin film by electrochemical technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 3977-3983.	1.1	12
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42	Development of CdSe thin films for application in electronic devices. Journal of Materials Science: Materials in Electronics, 2015, 26, 1066-1076.	1.1	51
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56	Investigating the effect of GaCl ₃ incorporation into the usual CdCl ₂ treatment on CdTe-based solar cell device structures. Current Applied Physics, 2017, 17, 279-289.	1.1	14
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66	Speciation Model of the Mo(VI)-Ni(II)-Citrate-S(VI)-N(III) Aqueous System for the Study of the Electrodeposition of Molybdenum and Nickel Oxides Films. Journal of the Electrochemical Society, 2018, 165, D344-D353.	1.3	1
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123	Structural, morphological and optical characterization of CuO/ZnO nanocomposite films. <i>Applied Physics A: Materials Science and Processing</i> , 2023, 129, .	1.1	5
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