Arjan Hovestad

List of Publications by Year
in descending order

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30 papers	1,169 citations	777949 13 h-index	721071 23 g-index
30 all docs	30 docs citations	30 times ranked	1077 citing authors

#	Article	IF	Citations
1	The influence of atmospheric species on the degradation of the Mo/MoSe2 back contact in CIGS solar cells. Materials Chemistry and Physics, 2022, 279, 125686.	2.0	4
2	Experimental Charge Density Analysis and Electrostatic Properties of Crystalline 1,3-Bis(Dimethylamino)Squaraine and Its Dihydrate from Low Temperature (T = 18 and 20 K) XRD Data. Crystals, 2020, 10, 894.	1.0	1
3	Raman analysis of Cu(In,Ga)(Se,S)<inf>2</inf> absorbers obtained from atmospheric selenium-sulfur annealing of electrodeposited precursors. , 2018, , .		1
4	Influence of Mo/MoSe2 microstructure on the damp heat stability of the Cu(In,Ga)Se2 back contact molybdenum. Thin Solid Films, 2016, 612, 381-392.	0.8	13
5	Electrochemical etching of molybdenum for shunt removal in thin film solar cells. Journal of Applied Electrochemistry, 2015, 45, 745-753.	1.5	5
6	Efficiency loss prevention in monolithically integrated thin film solar cells by improved front contact. Progress in Photovoltaics: Research and Applications, 2015, 23, 498-506.	4.4	15
7	Improvement of transparent conducting materials by metallic grids on transparent conductive oxides. Thin Solid Films, 2014, 555, 159-162.	0.8	16
8	Metallic grids for low resistive transparent conductors: Modeling and experiments. , 2012, , .		0
9	Patterned electrodeposition of interconnects using microcontact printing. Journal of Applied Electrochemistry, 2012, 42, 753-761.	1.5	7
10	Transparent conducting materials: overview and recent results. Proceedings of SPIE, 2012, , .	0.8	6
11	Recent progress in transparent conducting materials by use of metallic grids on metaloxides. Materials Research Society Symposia Proceedings, 2011, 1323, 17.	0.1	6
12	Grids on TCOs for higly transparent materials with a resistivity below 1 Ohm/sq. , 2011, , .		2
13	Novel Imprinting Techniques for Fabrication of Multilevel Flexible Electronics. Materials Research Society Symposia Proceedings, 2011, 1288, 1.	0.1	0
14	Highly improved transparent conductors by combination of TCOs and metallic grids. , 2010, , .		3
15	Corrosion resistance of Znâ€“Coâ€“Fe alloy coatings on high strength steel. Surface and Coatings Technology, 2009, 203, 1415-1422.	2.2	29
16	Electrodeposited nanocrystalline bronze alloys as replacement for Ni. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3506-3509.	0.8	8
17	Inhibition of corrosion of zinc by Cr(VI) and Cr(III) treatments. , 2007, , 119-134.		0
18	Electrodeposition of Znâ€“Co and Znâ€“Coâ€“Fe alloys from acidic chloride electrolytes. Surface and Coatings Technology, 2007, 202, 84-90.	2.2	39

#	Article	IF	Citations
19	Influence of alloying elements on the corrosion resistance of rolled zinc sheet. Corrosion Science, 2006, 48, 1483-1499.	3.0	22
20	Corrosion Protection of Steel by Using ZnCoFe Alloy Coating (Replacement for Cadium Coating). ECS Transactions, 2006, 1, 27-34.	0.3	1
21	Drying Effects on Corrosion Properties of Cr(VI)- and Cr(III)- Treated Electrogalvanized Steel. ECS Transactions, 2006, 1, 165-176.	0.3	3
22	Characterization of chromate conversion coatings on zinc using XPS and SKPFM. Surface and Coatings Technology, 2005, 197, 168-176.	2.2	84
23	Comparison of the morphology and corrosion performance of Cr(VI)- and Cr(III)-based conversion coatings on zinc. Surface and Coatings Technology, 2005, 199, 92-104.	2.2	124
24	Electroplating of Metal Matrix Composites by Codeposition of Suspended Particles. , 2005, , 475-532.		47
25	Investigation of Cr(III) Based Conversion Coatings On Electrogalvanised Steel. Surface Engineering, 2004, 20, 244-250.	1.1	23
26	Formation of a cerium-based conversion coating on AA2024: relationship with the microstructure. Surface and Coatings Technology, 2004, 176, 365-381.	2.2	234
27	Investigation of the chromate conversion coating on Alclad 2024 aluminium alloy: effect of the pH of the chromate bath. Electrochimica Acta, 2002, 47, 1097-1113.	2.6	57
28	Electrochemical deposition of zincâ€“polystyrene composites in the presence of surfactants. Journal of Applied Electrochemistry, 1999, 29, 331-338.	1.5	50
29	Iron deposition from a FeCl2 solution containing suspended silicon particles. Journal of Applied Electrochemistry, 1997, 27, 756-761.	1.5	3
30	Electrochemical codeposition of inert particles in a metallic matrix. Journal of Applied Electrochemistry, 1995, 25, 519-527.	1.5	366