

Ching An Huang

List of Publications by Citations

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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.

14
papers

111
citations

5
h-index

10
g-index

14
ext. papers

128
ext. citations

3.3
avg, IF

2.22
L-index

#	Paper	IF	Citations
14	Role of nickel undercoat and reduction-flame heating on the mechanical properties of Cr ₃ C deposit electroplated from a trivalent chromium based bath. <i>Surface and Coatings Technology</i> , 2009 , 203, 2921-2926	4.4	29
13	The hardening mechanism of a chromium-carbon deposit electroplated from a trivalent chromium-based bath. <i>Thin Solid Films</i> , 2009 , 517, 4902-4904	2.2	24
12	Role of carbon in the chromium deposit electroplated from a trivalent chromium-based bath. <i>Surface and Coatings Technology</i> , 2011 , 205, 3461-3466	4.4	22
11	Microstructure analysis of a CrNi multilayer pulse-electroplated in a bath containing trivalent chromium and divalent nickel ions. <i>Surface and Coatings Technology</i> , 2014 , 255, 153-157	4.4	6
10	Fabrication and evaluation of electroplated Ni ₂ B/diamond and Ni ₂ B ₂ /diamond milling tools with a high density of diamond particles. <i>International Journal of Advanced Manufacturing Technology</i> , 2019 , 104, 2981-2989	3.2	5
9	Nanosegregation of ternary CrNiBe alloy deposits electrodeposited from a Cr ³⁺ -based bath. <i>Materials Letters</i> , 2013 , 93, 107-110	3.3	5
8	Microstructure study of the hardening mechanism of CrNi alloy deposits after flame heating for a few seconds. <i>Surface and Coatings Technology</i> , 2011 , 206, 325-329	4.4	5
7	Anneal-Hardening Behavior of Cr-Fe-C Alloy Deposits Prepared in a Cr-Based Bath with Fe Ions. <i>Materials</i> , 2017 , 10,	3.5	4
6	Effect of Cu and Ni Undercoatings on the Electrochemical Corrosion Behaviour of Cr ₃ C-Coated Steel Samples in 0.1 M H ₂ SO ₄ Solution with 1 g/L NaCl. <i>Coatings</i> , 2019 , 9, 531	2.9	3
5	Copper Electrodeposition on a Magnesium Alloy (AZ80) with a U-Shaped Surface. <i>Materials</i> , 2014 , 7, 7366-7378	3.3	3
4	Properties of Cr ₃ C/Al ₂ O ₃ Deposits Prepared on a Cu Substrate Using Cr ³⁺ -Based Plating Baths. <i>Powder Metallurgy and Metal Ceramics</i> , 2017 , 55, 596-602	0.8	2
3	Electropolishing Behaviour of 73 Brass in a 70 vol % H ₃ PO ₄ Solution by Using a Rotating Cylinder Electrode (RCE). <i>Metals</i> , 2017 , 7, 30	2.3	2
2	Fabrication and evaluation of electroplated diamond grinding rods strengthened with Cr-C deposit. <i>International Journal of Advanced Manufacturing Technology</i> , 2020 , 110, 2541-2550	3.2	1
1	Anneal-hardening behaviour of CrC, CrNiC and CrNiFeC alloy deposits. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 96, 543-548	5.3	