

Morteza Zandrahimi

List of Publications by Year in descending order

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22
papers

359
citations

759233

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22
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22
docs citations

22
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic oxidation of Ni-Fe ₂ O ₃ composite coating electrodeposited on AISI 304 stainless steel. Bulletin of Materials Science, 2020, 43, 1.	1.7	1
2	Pulse Electrodeposition of Cobalt/Zirconia Coatings: Oxidation and Electrical Performance of Ferritic Stainless Steel Interconnects. Oxidation of Metals, 2020, 93, 87-104.	2.1	10
3	Investigation of oxidation behaviour of AISI-430 steel interconnects in the presence of Ni-Co-CeO ₂ composite coating for application of solid oxide fuel cells. Bulletin of Materials Science, 2020, 43, 1.	1.7	5
4	Oxidation and electrical behaviour of direct and pulse current electroplated cobalt coatings on Crofer22APU stainless steel interconnect. Materials at High Temperatures, 2020, 37, 89-100.	1.0	9
5	Effect of ZrO ₂ particles on oxidation and electrical behavior of Co coatings electroplated on ferritic stainless steel interconnect. Corrosion Science, 2019, 153, 200-212.	6.6	18
6	Microstructure and oxidation of Ni-Fe ₂ O ₃ composite coating on AISI 304 stainless steel. International Journal of Materials Research, 2019, 110, 253-260.	0.3	4
7	Evaluation of pulse electroplated cobalt/yttrium oxide composite coating on the Crofer 22 APU stainless steel interconnect. International Journal of Hydrogen Energy, 2019, 44, 3157-3169.	7.1	31
8	Microstructure and Oxidation Behavior of Ni-TiO ₂ Composite Coating at High Temperature. Oxidation of Metals, 2019, 91, 177-189.	2.1	9
9	High cycle fatigue behavior of Al1070 alloy severely deformed by equal channel angular pressing process. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2018, 232, 514-519.	1.1	2
10	Low-Cycle Fatigue Behavior of Al1070 Severely Deformed by Equal Channel Angular Pressing Process. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2018, 42, 99-105.	1.3	3
11	Influence of electrodeposition parameters on the characteristics of Mn-Co coatings on Crofer 22 APU ferritic stainless steel. Bulletin of Materials Science, 2017, 40, 1273-1283.	1.7	10
12	Oxidation and Electrical Behavior of a Ferritic Stainless Steel with a Mn-Co-Based Coating for SOFC Interconnect Applications. Oxidation of Metals, 2015, 84, 329-344.	2.1	27
13	Oxidation and Electrical Behavior of Mn-Co-Coated Crofer 22 APU Steel Produced by a Pack Cementation Method for SOFC Interconnect Applications. Oxidation of Metals, 2015, 84, 129-149.	2.1	26
14	High temperature oxidation resistance and corrosion properties of dip coated silica coating by sol gel method on stainless steel. Journal of Sol-Gel Science and Technology, 2012, 63, 286-293.	2.4	17
15	Pack Cementation Coatings for High-Temperature Oxidation Resistance of AISI 304 Stainless Steel. Journal of Materials Engineering and Performance, 2012, 21, 2074-2079.	2.5	21
16	Influence of oxide scale thickness on electrical conductivity of coated AISI 430 steel for use as interconnect in solid oxide fuel cells. Ionics, 2012, 18, 615-624.	2.4	19
17	Investigation of Dislocation Characterisation in Worn Al-Si Alloys with Different Sliding Speeds Using X-Ray Diffraction. Tribology Letters, 2012, 46, 255-261.	2.6	8
18	Oxidation and electrical behavior of AISI 430 coated with cobalt spinels for SOFC interconnect applications. Surface and Coatings Technology, 2011, 206, 75-81.	4.8	42

#	ARTICLE	IF	CITATIONS
19	Evaluation of the Parabolic Rate Constant During Different Types of Oxidation Tests for Spinel Coated Fe-17%Cr Alloy. <i>Oxidation of Metals</i> , 2011, 75, 125-141.	2.1	21
20	Al, Si, and Al-Si Coatings to Improve the High-Temperature Oxidation Resistance of AISI 304 Stainless Steel. <i>Oxidation of Metals</i> , 2011, 76, 347-358.	2.1	18
21	Optimization of process variables and corrosion properties of a multi layer silica sol gel coating on AZ91D using the Box-Behnken design. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 59, 640-649.	2.4	22
22	Mn coating on AISI 430 ferritic stainless steel by pack cementation method for SOFC interconnect applications. <i>Solid State Ionics</i> , 2011, 183, 71-79.	2.7	36