

Paul S Korinko

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

158
citations

1307594

7
h-index

1199594

12
g-index

29
all docs

29
docs citations

29
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Considerations for the weldability of types 304L and 316L stainless steel. Journal of Failure Analysis and Prevention, 2001, 1, 61-68.	0.0	49
2	Evaluation of oxidation and hydrogen permeation in Al-containing stainless steel alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 424, 33-39.	5.6	22
3	Simulations of fracture tests of uncharged and hydrogen-charged additively manufactured 304 stainless steel specimens using cohesive zone modeling. Engineering Fracture Mechanics, 2019, 209, 125-146.	4.3	16
4	Nanoparticle Treated Stainless Steel Filters for Metal Vapor Sequestration. Jom, 2017, 69, 162-172.	1.9	15
5	Improved Performance Rhenium Containing Single Crystal Alloy Turbine Blades Utilizing PPM Levels of the Highly Reactive Elements Lanthanum and Yttrium. Journal of Engineering for Gas Turbines and Power, 1999, 121, 138-143.	1.1	11
6	Analysis of Zinc 65 Contamination After Vacuum Thermal Process. Journal of Failure Analysis and Prevention, 2013, 13, 389-395.	0.9	9
7	The role of partial crystallinity on hydrogen permeation in Fe-Ni-Mo based metallic glass membranes. Journal of Membrane Science, 2011, 378, 301-307.	8.2	8
8	Methods of Preventing the Spread of Zinc Contamination During Vacuum Processing. Journal of Failure Analysis and Prevention, 2014, 14, 113-121.	0.9	7
9	Characterization of Additive Manufacturing for Process Tubing. Jom, 2019, 71, 1095-1104.	1.9	4
10	Coating Characterization and Evaluation of Directionally Solidified CM 186 LC [®] and Single Crystal CMSX-4 [®] . , 1996, , .		3
11	Zinc Vapor Trapping Using Copper-Based Materials. Journal of Failure Analysis and Prevention, 2016, 16, 400-409.	0.9	3
12	Reduction of Glovebox Stripper System Water Loading. Fusion Science and Technology, 2017, 71, 666-670.	1.1	2
13	Characterization of Coatings for Hydrogen Permeation Resistance. Microscopy and Microanalysis, 2004, 10, 618-619.	0.4	1
14	The Effects of Partial Crystallinity on the Hydrogen Permeation Properties in Amorphous Metallic Systems. Materials Research Society Symposia Proceedings, 2008, 1126, 1.	0.1	1
15	Alternative Materials to PD Membranes for Hydrogen Purification. Ceramic Transactions, 2008, , 149-158.	0.1	1
16	Stainless Steel Passivation Using Electropolishing and Thermal Treatments. Fusion Science and Technology, 2017, 71, 403-409.	1.1	1
17	Bronze Alloy Development for Zinc Vapor Capture. Journal of Failure Analysis and Prevention, 2017, 17, 490-495.	0.9	1
18	Comparison of Ring Compression Testing to Three Point Bend Testing for Unirradiated ZIRLO Cladding. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Improved Performance Rhenium Containing Single Crystal Alloy Turbine Blades Utilising PPM Levels of the Highly Reactive Elements Lanthanum and Yttrium. , 1998, , .		0
20	Characterization of an Oxidized Heat Shield. Microscopy and Microanalysis, 2004, 10, 622-623.	0.4	0
21	Structure/Property Relations in Bulk Versus Solution Derived Proton Conducting Ceramics of the Form SrCe _{0.95} Yb _{0.05} O ₃ With Applications in Membrane Separations. Materials Research Society Symposia Proceedings, 2010, 1256, 1.	0.1	0
22	Tritium Contamination Prevention Using Sacrificial Materials. Fusion Science and Technology, 2017, 71, 628-633.	1.1	0
23	Effectiveness of Bronze as a Zinc Getter After Being Subjected to Simulated Exposures. Journal of Failure Analysis and Prevention, 2018, 18, 1262-1268.	0.9	0
24	Failure Analysis of Pinch Weld Electrodes. Journal of Failure Analysis and Prevention, 2018, 18, 1045-1052.	0.9	0
25	Innovative Flash Control in Inertia Welding. , 2003, , .		0
26	Development and Characterization of Nanomaterials for Zinc Vapor Capture. , 2015, , 201-208.		0