

Paul S Korinko

List of Publications by Year in descending order

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papers

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1307594

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12
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29
all docs

29
docs citations

29
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Additive Manufacturing for Process Tubing. Jom, 2019, 71, 1095-1104.	1.9	4
2	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
3	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
4	Failure Analysis of Pinch Weld Electrodes. Journal of Failure Analysis and Prevention, 2018, 18, 1045-1052.	0.9	0
5	Stainless Steel Passivation Using Electropolishing and Thermal Treatments. Fusion Science and Technology, 2017, 71, 403-409.	1.1	1
6	Nanoparticle Treated Stainless Steel Filters for Metal Vapor Sequestration. Jom, 2017, 69, 162-172.	1.9	15
7	Bronze Alloy Development for Zinc Vapor Capture. Journal of Failure Analysis and Prevention, 2017, 17, 490-495.	0.9	1
8	Reduction of Glovebox Stripper System Water Loading. Fusion Science and Technology, 2017, 71, 666-670.	1.1	2
9	Tritium Contamination Prevention Using Sacrificial Materials. Fusion Science and Technology, 2017, 71, 628-633.	1.1	0
10	Zinc Vapor Trapping Using Copper-Based Materials. Journal of Failure Analysis and Prevention, 2016, 16, 400-409.	0.9	3
11	Development and Characterization of Nanomaterials for Zinc Vapor Capture. , 2015, , 201-208.		0
12	Comparison of Ring Compression Testing to Three Point Bend Testing for Unirradiated ZIRLO Cladding. , 2015, , .		1
13	Methods of Preventing the Spread of Zinc Contamination During Vacuum Processing. Journal of Failure Analysis and Prevention, 2014, 14, 113-121.	0.9	7
14	Analysis of Zinc 65 Contamination After Vacuum Thermal Process. Journal of Failure Analysis and Prevention, 2013, 13, 389-395.	0.9	9
15	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
16	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
17	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
18	Alternative Materials to PD Membranes for Hydrogen Purification. Ceramic Transactions, 2008, , 149-158.	0.1	1

#	ARTICLE	IF	CITATIONS
19	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
20	Characterization of Coatings for Hydrogen Permeation Resistance. Microscopy and Microanalysis, 2004, 10, 618-619.	0.4	1
21	Characterization of an Oxidized Heat Shield. Microscopy and Microanalysis, 2004, 10, 622-623.	0.4	0
22	Innovative Flash Control in Inertia Welding. , 2003, , .		0
23	Considerations for the weldability of types 304L and 316L stainless steel. Journal of Failure Analysis and Prevention, 2001, 1, 61-68.	0.0	49
24	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
25	Improved Performance Rhenium Containing Single Crystal Alloy Turbine Blades Utilising PPM Levels of the Highly Reactive Elements Lanthanum and Yttrium. , 1998, , .		0
26	Coating Characterization and Evaluation of Directionally Solidified CM 186 LCÂ® and Single Crystal CMSX-4Â®. , 1996, , .		3