

Jonathan Bellemare

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

127
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic Transport in the Biopigment Sepia Melanin. ACS Applied Bio Materials, 2020, 3, 5244-5252.	4.6	36
2	Hydrogen storage properties of cold rolled magnesium hydrides with oxides catalysts. Journal of Alloys and Compounds, 2012, 512, 33-38.	5.5	27
3	Fabrication of Micrometer-Scale Self-Organized Pore Arrays in Anodic Alumina. Journal of the Electrochemical Society, 2014, 161, E75-E80.	2.9	21
4	Subtleties Behind Hydrogen Embrittlement of Cadmium-Plated 4340 Steel Revealed by Thermal Desorption Spectroscopy and Sustained-Load Tests. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 3054-3065.	2.2	12
5	Internal hydrogen embrittlement of pre-cracked, cadmium-plated AISI 4340 high strength steel with sustained load tests and incremental step-loading tests. Engineering Fracture Mechanics, 2020, 223, 106773.	4.3	7
6	Coating density as the key factor behind hydrogen embrittlement of cadmium-plated 4340 steel. Journal of Applied Electrochemistry, 2020, 50, 1045-1058.	2.9	7
7	Etching the Oxide Barrier of Micrometer-Scale Self-Organized Porous Anodic Alumina Membranes. Journal of the Electrochemical Society, 2015, 162, E47-E50.	2.9	6
8	Detection of Hydrogen Embrittlement in Plated High-Strength Steels with Eddy Currents: Is the Sensitivity Sufficient?. Journal of Nondestructive Evaluation, 2020, 39, 1.	2.4	4
9	Effect of annealing on HTS tapes with a cerium oxide layer inserted between the REBaCuO and silver layers. Materialia, 2021, 15, 101029.	2.7	4
10	Determination of hydrogen embrittlement stress intensity threshold by fractography. Materialia, 2020, 12, 100759.	2.7	3
11	Exploring the use of neutrons to detect hydrogen embrittlement in high strength steel. Journal of Neutron Research, 2022, 24, 23-32.	1.1	0