

Saeid Mersagh Dezfuli

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

637
citations

687363

13
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	Drastic improvement in mechanical properties and weldability of 316L stainless steel weld joints by using electromagnetic vibration during GTAW process. Journal of Manufacturing Processes, 2018, 33, 74-85.	5.9	116
2	Post weld heat treatment of hypereutectoid hadfield steel: Characterization and control of microstructure, phase equilibrium, mechanical properties and fracture mode of welding joint. Journal of Manufacturing Processes, 2018, 34, 313-328.	5.9	83
3	Deposition of Ni-tungsten carbide nanocomposite coating by TIG welding: Characterization and control of microstructure and wear/corrosion responses. Ceramics International, 2018, 44, 22816-22829.	4.8	68
4	Deposition of ceramic nanocomposite coatings by electroplating process: A review of layer-deposition mechanisms and effective parameters on the formation of the coating. Ceramics International, 2019, 45, 21835-21842.	4.8	66
5	Effect of melting temperature on microstructural evolutions, behavior and corrosion morphology of Hadfield austenitic manganese steel in the casting process. International Journal of Minerals, Metallurgy and Materials, 2018, 25, 1431-1438.	4.9	48
6	Characterization of bioactivity behavior and corrosion responses of hydroxyapatite-ZnO nanostructured coating deposited on NiTi shape memory alloy. Ceramics International, 2018, 44, 21395-21405.	4.8	48
7	Study of the effect of temperature on corrosion behavior of galvanized steel in seawater environment by using potentiodynamic polarization and EIS methods. Materials Research Express, 2019, 6, 076508.	1.6	35
8	Deposition of Al ₂ O ₃ ceramic film on copper-based heterostructured coatings by aluminizing process: Study of the electrochemical responses and corrosion mechanism of the coating. International Journal of Applied Ceramic Technology, 2019, 16, 195-210.	2.1	32
9	A study on the effect of compositing silver oxide nanoparticles by carbon on the electrochemical behavior and electronic properties of zinc-silver oxide batteries. International Journal of Applied Ceramic Technology, 2018, 15, 1446-1458.	2.1	31
10	Crystalline texture evolution, control of the tribocorrosion behavior, and significant enhancement of the abrasion properties of a Ni-P nanocomposite coating enhanced by zirconia nanoparticles. International Journal of Minerals, Metallurgy and Materials, 2019, 26, 1020-1030.	4.9	29
11	A study on the effect of presence of CeO ₂ and benzotriazole on activation of self-healing mechanism in ZrO ₂ ceramic-based coating. International Journal of Applied Ceramic Technology, 2018, 15, 1248-1260.	2.1	28
12	Deposition of self-healing thin films by the sol-gel method: a review of layer-deposition mechanisms and activation of self-healing mechanisms. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	28
13	Effect of 2-mercaptobenzothiazole concentration on sour-corrosion behavior of API X60 pipeline steel: Electrochemical parameters and adsorption mechanism. International Journal of Minerals, Metallurgy and Materials, 2022, 29, 271-282.	4.9	19
14	Effect of Al ₂ O ₃ and Y ₂ O ₃ on the corrosion behavior of ZrO ₂ -benzotriazole nanostructured coatings applied on AA2024 via a sol-gel method. International Journal of Minerals, Metallurgy and Materials, 2018, 25, 1344-1353.	4.9	4
15	Investigation of Electrochemical Behavior of Zirconia -Benzotriazole Hybrid Nanostructured Coating Applied on Al 2024 by Sol-Gel Method. Protection of Metals and Physical Chemistry of Surfaces, 2018, 54, 1050-1058.	1.1	2