

Khashayar Morshed-Behbahani

List of Publications by Year in descending order

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9
papers

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citations

1307594

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1474206

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g-index

9
all docs

9
docs citations

9
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on the role of surface nanocrystallization in corrosion of stainless steel. Journal of Materials Research and Technology, 2022, 19, 1120-1147.	5.8	21
2	A survey on the passivity of tempered AISI 420 martensitic stainless steel. Corrosion Science, 2021, 183, 109340.	6.6	31
3	A detailed electrochemical analysis of sensitized AISI 410 martensitic stainless steel. Materials Research Express, 2021, 8, 056501.	1.6	6
4	Electrochemical Insight into the Role of H ₂ O ₂ in Galvanostatic Passivation of AISI 316L Austenitic Stainless Steel in Citric Acid Electrolyte. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 3247-3256.	2.2	9
5	In Vitro Electrochemical Behavior of Aged Ti-6Al-4V Alloy: A Trial of the Point Defect Model. Materials Today Communications, 2021, 27, 102327.	1.9	10
6	Perspective on the passivity of Ti6Al4V alloy in H ₂ SO ₄ and NaOH solutions. Journal of Molecular Liquids, 2021, 333, 115947.	4.9	14
7	Characterization of Anodic Films Produced on Anodized AA1050 Aluminum Alloy: Effect of Bio-additive. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 5475-5483.	2.2	10
8	The effect of surface modification on the corrosion protection ability of the passive films of sensitized UNS S31803 duplex stainless steel. Corrosion Engineering Science and Technology, 2019, 54, 174-183.	1.4	24
9	An electrochemical study on the effect of stabilization and sensitization heat treatments on the intergranular corrosion behaviour of AISI 321H austenitic stainless steel. Corrosion Science, 2018, 138, 28-41.	6.6	67