

Ameeq Farooq

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the Properties of Additively Manufactured 316L Stainless Steel for Orthopedic Applications: A Review. , 2023, 01, .		1
2	Surface and Structural Modifications of Tungsten by Laser Irradiation for Enhanced Electrochemical Corrosion Resistance. Journal of Materials Engineering and Performance, 2022, 31, 1904-1913.	2.5	3
3	Effect of Ni Concentration on the Surface Morphology and Corrosion Behavior of Zn-Ni Alloy Coatings. Metals, 2022, 12, 96.	2.3	7
4	IMPROVEMENT IN HARDNESS AND ELECTROCHEMICAL CORROSION RESISTANCE OF AL-7075 ALLOY BY ARTIFICIAL AGEING. Surface Review and Letters, 2022, 29, .	1.1	0
5	Biodegradable properties of AZ31-0.5Ca magnesium alloy. Materials Technology, 2022, 37, 2230-2241.	3.0	7
6	Effects of Annealing Treatment on Corrosion Resistance of Arc Sprayed Aluminum Coating. Journal of Thermal Spray Technology, 2022, 31, 1934-1943.	3.1	4
7	Electrochemical corrosion study of helium ions implanted Zircaloy-4 in chloride media. Nuclear Engineering and Technology, 2021, 53, 927-931.	2.3	5
8	Effect of thermomechanical cyclic quenching and tempering treatments on microstructure, mechanical and electrochemical properties of AISI 1345 steel. International Journal of Minerals, Metallurgy and Materials, 2021, 28, 688-698.	4.9	4
9	Sacrificial Dissolution of Zinc Electroplated and Cold Galvanized Coated Steel in Saline and Soil Environments: A Comparison. Materials, 2021, 14, 744.	2.9	3
10	Effect of Ta and Pd Addition on Mechanical Properties of Inconel 718. Russian Journal of Non-Ferrous Metals, 2021, 62, 206-211.	0.6	0
11	STUDY OF HARDNESS AND CORROSION RATE OF COPPER IONS IRRADIATED Mg-Al-Zn ALLOY IN RINGER LACTATE SOLUTION. Surface Review and Letters, 2021, 28, 2150054.	1.1	2
12	Impact of Carbon Ion Implantation on the Crystal Structure, Surface Morphology, Vickers Hardness and Electrochemical Corrosion of Zirconium. Journal of Materials Engineering and Performance, 2021, 30, 4604-4618.	2.5	8
13	SURFACE MODIFICATION OF COMMERCIAL PURE TITANIUM BY GOLD-ION IRRADIATION FOR BIOMEDICAL APPLICATIONS. Surface Review and Letters, 2021, 28, 2150069.	1.1	0
14	The effect of chemical treatment on the adhesion strength and structural integrity of the epoxy coatings. Surface Topography: Metrology and Properties, 2021, 9, 045055.	1.6	1
15	Mechanical and corrosion properties of medium carbon low alloy steel after cyclic quenching and tempering heat treatments. Materials Research Express, 2020, 7, 016553.	1.6	14
16	Biocorrosion inhibition of Cu70:Ni30 by <i>Bacillus subtilis</i> strain S1X and <i>Pseudomonas aeruginosa</i> strain ZK biofilms. Journal of Basic Microbiology, 2020, 60, 243-252.	3.3	8
17	Effect of Post Weld Heat Treatment on the Microstructure and Electrochemical Characteristics of Dissimilar Material Welded by Butter Method. Materials, 2020, 13, 4512.	2.9	4
18	Effect of Heat Treatments on the Mechanical and Electrochemical Corrosion Behavior of 38CrSi and AISI 4140 Steels. Metallography, Microstructure, and Analysis, 2019, 8, 479-487.	1.0	17

#	ARTICLE	IF	CITATIONS
19	Electrochemical and Cell Response of Surface Modified Ti6Al4V for Biomedical Applications. Journal of Bio- and Tribo-Corrosion, 2019, 5, 1.	2.6	0
20	Evaluating the performance of zinc and aluminum sacrificial anodes in artificial seawater. Electrochimica Acta, 2019, 314, 135-141.	5.2	37
21	Improvement in electrochemical corrosion resistance of Mg-Al-Zn alloy by 250 keV carbon ions irradiation. Materials Research Express, 2019, 6, 126452.	1.6	7
22	Corrosion behavior of stainless steel weldments in physiological solutions. Materials Research Express, 2018, 5, 015401.	1.6	3
23	Microstructural, mechanical and tribological investigation of 30CrMnSiNi2A ultra-high strength steel under various tempering temperatures. Materials Research Express, 2018, 5, 016505.	1.6	20
24	Influence of carbon ion implantation energy on aluminum carbide precipitation and electrochemical corrosion resistance of aluminum. Nuclear Instruments & Methods in Physics Research B, 2018, 436, 84-91.	1.4	12
25	Electrochemical characterization and thermodynamic tendency of β -Lactoglobulin adsorption on 3D printed stainless steel. Journal of Industrial and Engineering Chemistry, 2018, 65, 180-187.	5.8	12
26	Effects of carbon ions irradiation on the electrochemical response of AISI 304 stainless steel. Materials Research Express, 2018, 5, 106501.	1.6	8
27	Effect of quenching baths on microstructure and hardness of AISI1035 steel. Nigerian Journal of Technological Research, 2018, 13, 82.	0.1	6
28	Improved corrosion resistance of air plasma sprayed WC-12%Co cermet coating by laser re-melting process. Materials Letters, 2017, 191, 34-37.	2.6	28
29	Predicting the corrosion tendency of α -brass in acidic and alkaline tap water. International Journal of Materials Research, 2015, 106, 92-96.	0.3	3
30	Estimating the degradation of methylethionium chloride dye on nanotubular TiO ₂ structure. Journal of Industrial and Engineering Chemistry, 2015, 22, 153-158.	5.8	4
31	Effect of electrolyte composition on TiO ₂ nanotubular structure formation and its electrochemical evaluation. Electrochimica Acta, 2014, 117, 329-335.	5.2	46
32	Diagnosing the cause of dynamic compression plate premature failure. Engineering Failure Analysis, 2013, 34, 350-357.	4.0	4