

Ameeq Farooq

List of Publications by Year in descending order

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32
papers

278
citations

1163117

8
h-index

996975

15
g-index

32
all docs

32
docs citations

32
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of electrolyte composition on TiO ₂ nanotubular structure formation and its electrochemical evaluation. <i>Electrochimica Acta</i> , 2014, 117, 329-335.	5.2	46
2	Evaluating the performance of zinc and aluminum sacrificial anodes in artificial seawater. <i>Electrochimica Acta</i> , 2019, 314, 135-141.	5.2	37
3	Improved corrosion resistance of air plasma sprayed WC-12%Co cermet coating by laser re-melting process. <i>Materials Letters</i> , 2017, 191, 34-37.	2.6	28
4	Microstructural, mechanical and tribological investigation of 30CrMnSiNi2A ultra-high strength steel under various tempering temperatures. <i>Materials Research Express</i> , 2018, 5, 016505.	1.6	20
5	Effect of Heat Treatments on the Mechanical and Electrochemical Corrosion Behavior of 38CrSi and AISI 4140 Steels. <i>Metallography, Microstructure, and Analysis</i> , 2019, 8, 479-487.	1.0	17
6	Mechanical and corrosion properties of medium carbon low alloy steel after cyclic quenching and tempering heat treatments. <i>Materials Research Express</i> , 2020, 7, 016553.	1.6	14
7	Influence of carbon ion implantation energy on aluminum carbide precipitation and electrochemical corrosion resistance of aluminum. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 436, 84-91.	1.4	12
8	Electrochemical characterization and thermodynamic tendency of β -Lactoglobulin adsorption on 3D printed stainless steel. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 65, 180-187.	5.8	12
9	Effects of carbon ions irradiation on the electrochemical response of AISI 304 stainless steel. <i>Materials Research Express</i> , 2018, 5, 106501.	1.6	8
10	Biocorrosion inhibition of Cu ₇₀ :Ni ₃₀ by <i>Bacillus subtilis</i> strain S1X and <i>Pseudomonas aeruginosa</i> strain ZK biofilms. <i>Journal of Basic Microbiology</i> , 2020, 60, 243-252.	3.3	8
11	Impact of Carbon Ion Implantation on the Crystal Structure, Surface Morphology, Vickers Hardness and Electrochemical Corrosion of Zirconium. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 4604-4618.	2.5	8
12	Improvement in electrochemical corrosion resistance of Mg-Al-Zn alloy by 250 keV carbon ions irradiation. <i>Materials Research Express</i> , 2019, 6, 126452.	1.6	7
13	Effect of Ni Concentration on the Surface Morphology and Corrosion Behavior of Zn-Ni Alloy Coatings. <i>Metals</i> , 2022, 12, 96.	2.3	7
14	Biodegradable properties of AZ31-0.5Ca magnesium alloy. <i>Materials Technology</i> , 2022, 37, 2230-2241.	3.0	7
15	Effect of quenching baths on microstructure and hardness of AISI1035 steel. <i>Nigerian Journal of Technological Research</i> , 2018, 13, 82.	0.1	6
16	Electrochemical corrosion study of helium ions implanted Zircaloy-4 in chloride media. <i>Nuclear Engineering and Technology</i> , 2021, 53, 927-931.	2.3	5
17	Diagnosing the cause of dynamic compression plate premature failure. <i>Engineering Failure Analysis</i> , 2013, 34, 350-357.	4.0	4
18	Estimating the degradation of methylethionium chloride dye on nanotubular TiO ₂ structure. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 22, 153-158.	5.8	4

#	ARTICLE	IF	CITATIONS
19	Effect of Post Weld Heat Treatment on the Microstructure and Electrochemical Characteristics of Dissimilar Material Welded by Butter Method. <i>Materials</i> , 2020, 13, 4512.	2.9	4
20	Effect of thermomechanical cyclic quenching and tempering treatments on microstructure, mechanical and electrochemical properties of AISI 1345 steel. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2021, 28, 688-698.	4.9	4
21	Effects of Annealing Treatment on Corrosion Resistance of Arc Sprayed Aluminum Coating. <i>Journal of Thermal Spray Technology</i> , 2022, 31, 1934-1943.	3.1	4
22	Predicting the corrosion tendency of β -brass in acidic and alkaline tap water. <i>International Journal of Materials Research</i> , 2015, 106, 92-96.	0.3	3
23	Corrosion behavior of stainless steel weldments in physiological solutions. <i>Materials Research Express</i> , 2018, 5, 015401.	1.6	3
24	Sacrificial Dissolution of Zinc Electroplated and Cold Galvanized Coated Steel in Saline and Soil Environments: A Comparison. <i>Materials</i> , 2021, 14, 744.	2.9	3
25	Surface and Structural Modifications of Tungsten by Laser Irradiation for Enhanced Electrochemical Corrosion Resistance. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 1904-1913.	2.5	3
26	STUDY OF HARDNESS AND CORROSION RATE OF COPPER IONS IRRADIATED Mg-Al-Zn ALLOY IN RINGER LACTATE SOLUTION. <i>Surface Review and Letters</i> , 2021, 28, 2150054.	1.1	2
27	The effect of chemical treatment on the adhesion strength and structural integrity of the epoxy coatings. <i>Surface Topography: Metrology and Properties</i> , 2021, 9, 045055.	1.6	1
28	Comparison of the Properties of Additively Manufactured 316L Stainless Steel for Orthopedic Applications: A Review. , 2023, 01, .		1
29	Electrochemical and Cell Response of Surface Modified Ti6Al4V for Biomedical Applications. <i>Journal of Bio- and Tribo-Corrosion</i> , 2019, 5, 1.	2.6	0
30	Effect of Ta and Pd Addition on Mechanical Properties of Inconel 718. <i>Russian Journal of Non-Ferrous Metals</i> , 2021, 62, 206-211.	0.6	0
31	SURFACE MODIFICATION OF COMMERCIAL PURE TITANIUM BY GOLD-ION IRRADIATION FOR BIOMEDICAL APPLICATIONS. <i>Surface Review and Letters</i> , 2021, 28, 2150069.	1.1	0
32	IMPROVEMENT IN HARDNESS AND ELECTROCHEMICAL CORROSION RESISTANCE OF AL-7075 ALLOY BY ARTIFICIAL AGEING. <i>Surface Review and Letters</i> , 2022, 29, .	1.1	0