

Muhammad Arslan Hafeez

List of Publications by Year in descending order

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17
papers

147
citations

1307594

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1199594

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docs citations

17
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Progress in Isotropic Magnetorheological Elastomers and Their Properties: A Review. <i>Polymers</i> , 2020, 12, 3023.	4.5	27
2	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
3	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
4	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
5	Effect of tempering time on microstructure, mechanical, and electrochemical properties of quenched partitioned tempered Advanced High Strength Steel (AHSS). <i>Materials Research Express</i> , 2019, 6, 126509.	1.6	13
6	Investigation on microstructural, mechanical, and electrochemical properties of water, brine quenched and tempered low carbon steel. <i>Materials Research Express</i> , 2019, 6, 096524.	1.6	10
7	Effect of microstructural transformation during tempering on mechanical properties of quenched and tempered 38CrSi steel. <i>Materials Research Express</i> , 2019, 6, 086552.	1.6	10
8	Optimized Corrosion Performance of AISI 1345 Steel in Hydrochloric Acid Through Thermo-Mechanical Cyclic Annealing Processes. <i>Crystals</i> , 2020, 10, 265.	2.2	7
9	Nanoindentation-Based Micro-Mechanical and Electrochemical Properties of Quench-Hardened, Tempered Low-Carbon Steel. <i>Crystals</i> , 2020, 10, 508.	2.2	6
10	Investigation on Mechanical Properties and Immersion Corrosion Performance of 0.35%Ca-10.5%Mn Steel Processed by Austenite Reverted Transformation (ART) Annealing Process. <i>Metallography, Microstructure, and Analysis</i> , 2020, 9, 159-168.	1.0	6
11	Effect of quenching baths on microstructure and hardness of AISI1035 steel. <i>Nigerian Journal of Technological Research</i> , 2018, 13, 82.	0.1	6
12	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
13	Electroless deposition of silver nano particles on Thionyl Chloride and Hydrazine Monohydrate treated multi walled carbon nano tubes. <i>Materials Research Express</i> , 2018, 5, 055043.	1.6	2
14	Effect of voltage and spray-off distance of electric-arc spray technique on surface properties of nickel-chrome (Ni-Cr) coating developed on 304L stainless steel. <i>Materials Research Express</i> , 2020, 7, 016525.	1.6	2
15	Nanoporous Alumina Membranes for Sugar Industry: An Investigation of Sintering Parameters Influence on Ultrafiltration Performance. <i>Sustainability</i> , 2021, 13, 7593.	3.2	2
16	Microstructural and Mechanical Properties of One-Step Quenched and Partitioned 65Mn Steel. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 2261-2267.	3.0	1
17	Development of high strength austempered ductile iron (ADI) from conventional pig iron. <i>Materials Research Express</i> , 2019, 6, 1065c7.	1.6	0