

Aqil Inam

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

256
citations

1163117

8
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of titanium dioxide nanoparticles by chemical and green methods and their antifungal activities against wheat rust. <i>Chemosphere</i> , 2020, 258, 127352.	8.2	110
2	Effect of starting microstructure upon the nucleation sites and distribution of graphite particles during a graphitising anneal of an experimental medium-carbon machining steel. <i>Materials Characterization</i> , 2015, 106, 86-92.	4.4	26
3	Raman spectroscopy study of the crystallinity of graphite formed in an experimental free-machining steel. <i>Materials Characterization</i> , 2020, 163, 110264.	4.4	22
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	Biological synthesis, characterization of three metal-based nanoparticles and their anticancer activities against hepatocellular carcinoma HepG2 cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112575.	6.0	13
7	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
8	Thermally Reduced Graphene Oxide-Reinforced Acrylonitrile Butadiene Styrene Composites Developed by Combined Solution and Melt Mixing Method. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 9559-9568.	3.0	9
9	A high-resolution study of graphite nodule formation in experimental medium-carbon machining steel. <i>Materials Characterization</i> , 2017, 131, 508-516.	4.4	8
10	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
11	Biodegradable properties of AZ31-0.5Ca magnesium alloy. <i>Materials Technology</i> , 2022, 37, 2230-2241.	3.0	7
12	Maleated high oleic sunflower oil-treated cellulose fiber-based styrene butadiene rubber composites. <i>Polymer Composites</i> , 2016, 37, 1113-1121.	4.6	6
13	Carburising of Low-Carbon Steel Using Carbon Black Nanoparticles. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 4661-4667.	1.1	4
14	Microstructural, Mechanical, and Electrochemical Properties of Quenched and Partitioned 3Åwt% Mn Steel. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 417-423.	3.0	4
15	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
16	High-Resolution Metallography of a Coarse Microstructure: Graphite Formation in the Solid-State in Steel. <i>Materials Performance and Characterization</i> , 2016, 5, 780-795.	0.3	1
17	Graphitisation: A Potential New Route To Freemachining Steels. , 0, , 815-822.		0
18	An investigation of accelerated graphitisation kinetics to improve the machinability of an experimental medium-carbon free-machining steel. <i>Journal of Manufacturing Processes</i> , 2021, 69, 181-190.	5.9	0