

Temitope Olugbade

List of Publications by Year in descending order

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26
papers

691
citations

567144

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642610

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26
all docs

26
docs citations

26
times ranked

372
citing authors

#	ARTICLE	IF	CITATIONS
1	Literature review on the mechanical properties of materials after surface mechanical attrition treatment (SMAT). Nano Materials Science, 2020, 2, 3-31.	3.9	94
2	Biomass Torrefaction for the Production of High-Grade Solid Biofuels: a Review. Bioenergy Research, 2020, 13, 999-1015.	2.2	80
3	Influence of Binders on Combustion Properties of Biomass Briquettes: A Recent Review. Bioenergy Research, 2019, 12, 241-259.	2.2	65
4	Wire arc additive manufacturing of aluminium alloys for aerospace and automotive applications: A review. Materials Science and Technology, 2022, 38, 391-408.	0.8	59
5	Effect of multi-interfacial structure on fracture resistance of composite TiSiN/Ag/TiSiN multilayer coating. Thin Solid Films, 2018, 653, 107-112.	0.8	45
6	Enhanced Corrosion Properties of Nanostructured 316 Stainless Steel in 0.6M NaCl Solution. Journal of Bio- and Tribo-Corrosion, 2019, 5, 1.	1.2	37
7	Enhanced Passivation Layer by Cr Diffusion of 301 Stainless Steel Facilitated by SMAT. Advanced Engineering Materials, 2019, 21, 1900125.	1.6	34
8	Corrosion, Corrosion Fatigue, and Protection of Magnesium Alloys: Mechanisms, Measurements, and Mitigation. Journal of Materials Engineering and Performance, 2022, 31, 1707-1727.	1.2	33
9	Characterization of the Corrosion of Nanostructured 17-4%PH Stainless Steel by Surface Mechanical Attrition Treatment (SMAT). Analytical Letters, 2019, 52, 2454-2471.	1.0	26
10	Binderless briquetting technology for lignite briquettes: a review. Energy, Ecology and Environment, 2021, 6, 69-79.	1.9	26
11	Direct quantification of mechanical responses of TiSiN/Ag multilayer coatings through uniaxial compression of micropillars. Vacuum, 2018, 156, 310-316.	1.6	25
12	Effects of post-weld heat treatments on the microstructure, mechanical and corrosion properties of gas metal arc welded 304 stainless steel. World Journal of Engineering, 2020, 17, 87-96.	1.0	24
13	Comparison of modified injection molding and conventional machining in biodegradable behavior of perforated cannulated magnesium hip stents. Journal of Materials Science and Technology, 2021, 63, 145-160.	5.6	23
14	Datasets on the corrosion behaviour of nanostructured AISI 316 stainless steel treated by SMAT. Data in Brief, 2019, 25, 104033.	0.5	22
15	A review on the corrosion fatigue strength of surface-modified stainless steels. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	19
16	Electrochemical Properties of MgZnCa-Based Thin Film Metallic Glasses Fabricated by Magnetron Sputtering Deposition Coated on a Stainless Steel Substrate. Analytical Letters, 2021, 54, 1588-1602.	1.0	18
17	Electrochemical Characterization of the Corrosion of Mild Steel in Saline Following Mechanical Deformation. Analytical Letters, 2021, 54, 1055-1067.	1.0	17
18	Stress corrosion cracking and precipitation strengthening mechanism in TWIP steels: progress and prospects. Corrosion Reviews, 2020, 38, 473-488.	1.0	12

#	ARTICLE	IF	CITATIONS
19	Review of passivity and electrochemical properties of nanostructured stainless steels obtained by surface mechanical attrition treatment (SMAT): trend and progress. Corrosion Reviews, 2022, 40, 189-203.	1.0	11
20	Electrochemical Properties of Heat-Treated Al Alloy A6061-T6 in 0.5M H2SO4 Solution. Journal of the Institution of Engineers (India): Series D, 2022, 103, 141-147.	0.6	6
21	Passivation Behaviour of Surface-Treated 17-4PH Stainless Steel in Chloride-Containing Environment with Varying Concentrations. Chemistry Africa, 2022, 5, 333.	1.2	5
22	Corrosion resistance of surface-conditioned 301 and 304 stainless steels by salt spray test. Analecta Technica Szegedinensia, 2021, 15, 9-19.	0.2	5
23	Simulation-based analytical design for aluminium recycling processing plant. Analecta Technica Szegedinensia, 2021, 15, 8-22.	0.2	2
24	Corrosion Resistance, Evaluation Methods, and Surface Treatments of Stainless Steels. , 0, , .		2
25	Economics, Sustainability, and Reaction Kinetics of Biomass Torrefaction. , 0, , .		1
26	Physicomechanical Properties of Bio-based Sawdust-Cow Horn-Coconut Husk Particleboards. Journal of the Institution of Engineers (India): Series D, 0, , 1.	0.6	0