

Ahmed Nassef

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimization of the Influencing Variables on the Corrosion Property of Steel Alloy 4130 in 3.5 wt.% NaCl Solution. <i>Journal of Chemistry</i> , 2020, 2020, 1-20.	1.9	27
2	Effect of ECAP on the Plastic Strain Homogeneity, Microstructural Evolution, Crystallographic Texture and Mechanical Properties of AA2xxx Aluminum Alloy. <i>Metals</i> , 2021, 11, 938.	2.3	26
3	Effect of ECAP die angle on the strain homogeneity, microstructural evolution, crystallographic texture and mechanical properties of pure magnesium: numerical simulation and experimental approach. <i>Journal of Materials Research and Technology</i> , 2022, 17, 1491-1511.	5.8	25
4	FEM-Based Study of Precision Hard Turning of Stainless Steel 316L. <i>Materials</i> , 2019, 12, 2522.	2.9	24
5	Wear Characteristics of Ultrahigh Molecular Weight Polyethylene (UHMWPE). <i>Journal of Materials Engineering and Performance</i> , 2002, 11, 577-583.	2.5	21
6	Microstructure and Mechanical Behavior of Hot Pressed Cu-Sn Powder Alloys. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-10.	1.8	19
7	Abrasive jet drilling of glass sheets: Effect and optimisation of process parameters on kerf taper. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401774843.	1.6	17
8	Mechanics of hot pressed aluminum composites. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 76, 1905-1912.	3.0	16
9	Abrasive jet machining of glass: Experimental investigation with artificial neural network modelling and genetic algorithm optimisation. <i>Cogent Engineering</i> , 2016, 3, 1276513.	2.2	16
10	Fatigue and thermal stress analysis of submerged steel pipes using ANSYS software. <i>Ocean Engineering</i> , 2019, 193, 106574.	4.3	13
11	Precision Hard Turning of Ti6Al4V Using Polycrystalline Diamond Inserts: Surface Quality, Cutting Temperature and Productivity in Conventional and High-Speed Machining. <i>Materials</i> , 2020, 13, 5677.	2.9	8
12	Mechanical and Corrosion Behavior of Al-Zn-Cr Family Alloys. <i>Metals</i> , 2017, 7, 171.	2.3	5
13	Unraveling the thermoelectric performance of Bismuth Antimony/graphene nanocomposite synthesized by spark plasma extrusion. <i>Journal of Alloys and Compounds</i> , 2021, 887, 161399.	5.5	5
14	Boosting Thermoelectricâ€“Mechanical Properties of BiSb-Based Material by SiC Nanocomposites. <i>Jom</i> , 2021, 73, 2808-2818.	1.9	4
15	Comparative study of different alloys during thermal debind-ing of powder injection molded parts. <i>International Journal of Engineering and Technology(UAE)</i> , 2016, 5, 110.	0.3	1
16	Characteristics of Cold and Hot Pressed Iron Aluminum Powder Metallurgical Alloys. <i>Metals</i> , 2017, 7, 170.	2.3	1