

About Bakr Elshalakany

List of Publications by Year in descending order

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14
papers

325
citations

949033

11
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1181555

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14
docs citations

14
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Tribological Performance and Rheological Properties of Engine Oil with Graphene Nano-Additives. <i>Lubricants</i> , 2022, 10, 137.	1.2	15
2	The effect of MWCNTs/GNs hybrid addition on the tribological and rheological properties of lubricating engine oil. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 1811-1819.	1.3	18
3	Influence of β -phase stability in elemental blended Ti-Mo and Ti-Mo-Zr alloys. <i>Micron</i> , 2021, 142, 102992.	1.1	33
4	Characterization and mechanical properties of stir-rheo-squeeze cast AA5083/MWCNTs/GNs hybrid nanocomposites developed using a novel preform-billet method. <i>Journal of Materials Research and Technology</i> , 2021, 10, 1195-1209.	2.6	5
5	Synthesis and characterization studies of high-density polyethylene -based nanocomposites with enhanced surface energy, tribological, and electrical properties. <i>Polymer Testing</i> , 2021, 98, 107193.	2.3	9
6	Evaluation of the formation of intermetallic compounds at the intermixing lines and in the nugget of dissimilar steel/aluminum friction stir welds. <i>Journal of Materials Research and Technology</i> , 2020, 9, 10209-10222.	2.6	31
7	Comparative study between high-velocity oxygen fuel and flame spraying using MCrAlY coats on a 304 stainless steel substrate. <i>Journal of Materials Research and Technology</i> , 2019, 8, 4253-4263.	2.6	17
8	Influence of friction stir welding parameters on metallurgical and mechanical properties of dissimilar AA5454/AA7075 aluminum alloys. <i>Journal of Materials Research and Technology</i> , 2019, 8, 1684-1693.	2.6	61
9	Improved mechanical and tribological properties of A356 reinforced by MWCNTs. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2018, 26, 185-194.	1.0	19
10	Rheological behavior of lithium grease with CNTs/GNPs hybrid nanocomposite as an additive. <i>Industrial Lubrication and Tribology</i> , 2018, 70, 331-338.	0.6	14
11	An experimental investigation of the formability of low carbon steel tailor-welded blanks of different thickness ratios. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 88, 1459-1473.	1.5	10
12	Microstructure and Mechanical Properties of Ti-Mo-Zr-Cr Biomedical Alloys by Powder Metallurgy. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 1262-1271.	1.2	13
13	Effect of Fe content, sintering temperature and powder processing on the microstructure, fracture and mechanical behaviours of Ti-Mo-Zr-Fe alloys. <i>Journal of Alloys and Compounds</i> , 2017, 729, 1215-1225.	2.8	20
14	Microstructure and Mechanical Properties of MWCNTs Reinforced A356 Aluminum Alloys Cast Nanocomposites Fabricated by Using a Combination of Rheocasting and Squeeze Casting Techniques. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-14.	1.5	60