Dalia

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5912531/publications.pdf

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20	311	933447 10	940533 16
papers	citations	h-index	g-index

20	20	20	222
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced materials used in wearable health care devices and medical textiles in the battle against coronavirus (COVID-19): A review. Journal of Industrial Textiles, 2022, 51, 246S-271S.	2.4	16
2	Characterization and performance evaluation of Cu-based/TiO2 nano composites. Scientific Reports, 2022, 12, 6669.	3.3	15
3	Using ANN and OA techniques to determine the specific wear rate effectors of A356 Al-Si/Al2O3 MMC. Neural Computing and Applications, 2022, 34, 14373-14386.	5.6	9
4	Investigation and Prediction of Abrasive Wear Rate of Heat-Treated HCCIs with Different Cr/C Ratios Using Artificial Neural Networks. International Journal of Metalcasting, 2021, 15, 1149-1163.	1.9	4
5	Prediction of the Corrosion Rate of Alâ€“Si Alloys Using Optimal Regression Methods. Intelligent Automation and Soft Computing, 2021, 29, 757-769.	2.1	4
6	Chitosan-based nanocomposites: preparation and characterization for food packing industry. Materials Research Express, 2021, 8, 025017.	1.6	16
7	Development of Alâ€“Mgâ€“Si alloy performance by addition of grain refiner Alâ€“5Tiâ€“1B alloy. Science Progress, 2021, 104, 003685042110294.	1.9	5
8	Advanced Fiber Metal Laminates Filled with Silicon Dioxide Nanoparticles with Enhanced Mechanical Properties. Fibers and Polymers, 2021, 22, 2447-2463.	2.1	27
9	Multivariable analysis for selection of natural fibers as fillers for a sustainable food packaging industry. Materials Research Express, 2021, 8, 095504.	1.6	10
10	Design and building of an automated heat-treatment system for industrial applications. AEJ - Alexandria Engineering Journal, 2020, 59, 5007-5017.	6.4	4
11	Mechanical and microstructure characteristics of heat-treated of high-Cr WI and AISI4140 steel bimetal beams. Journal of Materials Research and Technology, 2020, 9, 7926-7936.	5.8	7
12	Corrosive Wear of Alumina Particles Reinforced Alâ€“Si Alloy Composites. Physics of Metals and Metallography, 2020, 121, 188-194.	1.0	11
13	High-Temperature Cyclic Oxidation of 800H Superalloy at 750Â°Câ€“950Â°C in Air. Journal of Testing and Evaluation, 2020, 48, 1277-1287.	0.7	1
14	Modeling of Wear Behavior of Alâ€“Si/Al2O3 Metal Matrix Composites. Physics of Metals and Metallography, 2019, 120, 981-988.	1.0	17
15	Fatigue behavior of pure polypropylene and recycled polypropylene reinforced with short glass fiber. Journal of Composite Materials, 2018, 52, 1633-1640.	2.4	21
16	IMPROVEMENT OF TRIBOLOGICAL PROPERTIES OF A356-AL2O3 CAST COMPOSITES BY HEAT-TREATMENT. Journal of Al-Azhar University Engineering Sector, 2018, 13, 998-1003.	0.1	2
17	High temperature cyclic oxidation of Ni based superalloys at different temperatures in air. Journal of Alloys and Compounds, 2017, 719, 133-141.	5.5	64
18	Wear and Corrosion Behavior of High-Cr White Cast Iron Alloys in Different Corrosive Media. Journal of Bio- and Tribo-Corrosion, 2015, 1, 1.	2.6	27

#	Article	IF	Citations
19	Wear and Corrosion Behavior of Alâ€“Si Matrix Composite Reinforced with Alumina. Journal of Bio- and Tribo-Corrosion, 2015, 1, 1.	2.6	48
20	Enhancement of Barrier and Mechanical Performance of Steel Coated with Epoxy Filled with Micron and Nano Alumina Fillers. Materials Research, 0, 25, .	1.3	3