

Adel Fathy

List of Publications by Year in descending order

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8
papers

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citations

1163117
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citing authors

#	ARTICLE	IF	CITATIONS
1	Utilization of Improved Machine Learning Method Based on Artificial Hummingbird Algorithm to Predict the Tribological Behavior of Cu-Al ₂ O ₃ Nanocomposites Synthesized by In Situ Method. Mathematics, 2022, 10, 1266.	2.2	52
2	Correlation between grain boundary evolution and mechanical properties of ultrafine-grained metals. Mechanics of Materials, 2020, 143, 103321.	3.2	61
3	Evaluation of mechanical properties of 1050-Al reinforced with SiC particles via accumulative roll bonding process. Journal of Composite Materials, 2019, 53, 209-218.	2.4	53
4	Production and properties of Cu-ZrO ₂ nanocomposites. Journal of Composite Materials, 2018, 52, 1519-1529.	2.4	55
5	Investigation on microstructure and properties of Cu-ZrO ₂ nanocomposites synthesized by in situ processing. Materials Letters, 2018, 213, 95-99.	2.6	69
6	Synthesis and characterization of Cu-ZrO ₂ nanocomposite produced by thermochemical process. Journal of Alloys and Compounds, 2017, 719, 411-419.	5.5	72
7	Experimental investigation on the compressibility of Al/Al ₂ O ₃ nanocomposites. International Journal of Materials and Product Technology, 2016, 52, 312.	0.2	55
8	Microstructure evolution and mechanical properties of Al/Al ₁₂ Si multilayer processed by accumulative roll bonding (ARB). Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 647, 127-135.	5.6	55