

DineshKumar Karupannasamy

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

110
citations

1478505

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1474206

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12
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations on the tribological behaviour, toxicity, and biodegradability of kapok oil bio-lubricant blended with (SAE20W40) mineral oil. Biomass Conversion and Biorefinery, 2023, 13, 3669-3681.	4.6	10
2	A Predictive Model for Galling Phenomenon and Its Applicability for Deep Drawing Processes. Journal of Tribology, 2022, 144, .	1.9	2
3	Investigación sobre las propiedades mecánicas y de corrosión del compuesto de matriz metálica Al 7075/Redmud.. Revista De Metalurgia, 2021, 57, e185.	0.5	9
4	Experimental and numerical analysis of impact strength of Al6082 for automotive structural applications. Materials Today: Proceedings, 2020, 33, 2863-2867.	1.8	1
5	Effect of shot peening on surface properties of Al7075 hybrid aluminum metal matrix composites. Materials Today: Proceedings, 2020, 33, 2792-2794.	1.8	7
6	Synthesis of Eco-Friendly Machining Lubricants and Its Tribological Characteristics. International Journal of Recent Technology and Engineering, 2019, 8, 1902-1906.	0.2	1
7	A friction model for loading and reloading effects in deep drawing processes. Wear, 2014, 318, 27-39.	3.1	23
8	Multi-scale friction modelling for rough contacts under sliding conditions. Wear, 2013, 308, 222-231.	3.1	19
9	Modelling mixed lubrication for deep drawing processes. Wear, 2012, 294-295, 296-304.	3.1	34
10	Multi-Scale Friction Modeling for Manufacturing Processes: The Boundary Layer Regime. , 2012, , .		2
11	ASSESSING THE TRIBOLOGICAL PROPERTIES OF VEGETABLE OIL EMULSIONS AND MACHINING PARAMETER OPTIMIZATION USING RESPONSE SURFACE METHODOLOGY. Surface Review and Letters, 0, , .	1.1	1
12	Augmentation of crashworthiness design of circular tubular structures by engraving grooves of varying depths. Mechanics of Advanced Materials and Structures, 0, , 1-14.	2.6	1