

# DineshKumar Karupannasamy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1607586/publications.pdf>

Version: 2024-02-01

12  
papers

110  
citations

1478505

6  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

98  
citing authors

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