

Rupinder Singh

List of Publications by Year in descending order

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13
papers

431
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Wear behavior of textured tools under graphene-assisted minimum quantity lubrication system in machining Ti-6Al-4V alloy. Tribology International, 2020, 145, 106183.	5.9	120
2	Machinability investigations of hardened steel with biodegradable oil-based MQL spray system. International Journal of Advanced Manufacturing Technology, 2020, 108, 735-748.	3.0	56
3	Influence of graphene-enriched nanofluids and textured tool on machining behavior of Ti-6Al-4V alloy. International Journal of Advanced Manufacturing Technology, 2019, 105, 1685-1697.	3.0	47
4	Tribological behavior of textured tools in sustainable turning of nickel based super alloy. Tribology International, 2021, 155, 106775.	5.9	44
5	Heat Transfer Efficiency of Cryogenic-LN2 and CO2-snow and their application in the Turning of Ti-6Al-4V. International Journal of Heat and Mass Transfer, 2021, 166, 120716.	4.8	29
6	Evaluating the sustainability pillars of energy and environment considering carbon emissions under machining of Ti-3Al-2.5V. Sustainable Energy Technologies and Assessments, 2020, 42, 100806.	2.7	28
7	Performance evaluation of textured carbide tools under environment-friendly minimum quantity lubrication turning strategies. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	27
8	A review on cutting fluids used in machining processes. Engineering Research Express, 2021, 3, 012002.	1.6	27
9	State of the art review on the sustainable dry machining of advanced materials for multifaceted engineering applications: progressive advancements and directions for future prospects. Materials Research Express, 2022, 9, 064003.	1.6	25
10	Progress of environment friendly cutting fluids/solid lubricants in turning-A review. Materials Today: Proceedings, 2021, 37, 3577-3580.	1.8	16
11	Minimum quantity lubrication turning of hard to cut materials – A review. Materials Today: Proceedings, 2021, 37, 3601-3605.	1.8	6
12	Evaluation of machinability-based sustainability indicators in the eco-benign turning of Ti3Al2.5V alloy with textured tools. International Journal of Advanced Manufacturing Technology, 2021, 116, 3051-3061.	3.0	5
13	Optimization of Turning Parameters During Machining of Ti-6Al-4V Alloy with Surface Textured Tools Under Dry/MQL Environments. Lecture Notes on Multidisciplinary Industrial Engineering, 2021, , 605-619.	0.6	1