

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