

Suvin P S

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

288
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Wetting behaviour of a Green cutting fluid (GCF); influence of surface roughness and surface energy of AA5052, Ti6Al4V and EN31. <i>Materials Today: Proceedings</i> , 2022, 62, 7605-7609.	1.8	6
2	Evaluation of a comprehensive non-toxic, biodegradable and sustainable cutting fluid developed from coconut oil. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2021, 235, 1842-1850.	1.8	5
3	Machining of hard materials using textured tool with minimum quantity nano-green cutting fluid. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2021, 35, 410-421.	4.5	29
4	Thermal, rheological, wettability and hard machining performance of MoS ₂ and CaF ₂ based minimum quantity hybrid nano-green cutting fluids. <i>Journal of Materials Processing Technology</i> , 2019, 266, 125-139.	6.3	80
5	Hard machining performance of indigenously developed green cutting fluid using flood cooling and minimum quantity cutting fluid. <i>Journal of Cleaner Production</i> , 2019, 206, 108-123.	9.3	104
6	Studying the lubricity of new eco-friendly cutting oil formulation in metal working fluid. <i>Industrial Lubrication and Tribology</i> , 2018, 70, 1569-1579.	1.3	15
7	Machining of hardened AISI H-13 steel using minimum quantity eco-friendly cutting fluid. <i>International Journal of Additive and Subtractive Materials Manufacturing</i> , 2017, 1, 240.	0.2	8
8	Eco-Friendly, Non-Toxic Cutting Fluid for Sustainable Manufacturing and Machining Processes. <i>Tribology Online</i> , 2016, 11, 556-567.	0.9	41