

Sachin Singh

List of Publications by Year in descending order

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9
papers

134
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling of Ti6Al4V machining swarf into additive manufacturing feedstock powder to realise sustainable recycling goals. <i>Journal of Cleaner Production</i> , 2022, 348, 131342.	9.3	11
2	Effect of multi-layer graphene on microstructure and mechanical properties of titanium-based composites. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 8542-8551.	2.1	2
3	A framework for effective and clean conversion of machining waste into metal powder feedstock for additive manufacturing. <i>Cleaner Engineering and Technology</i> , 2021, 4, 100151.	4.0	19
4	Development of polymer abrasive medium for nanofinishing of microholes on surgical stainless steel using abrasive flow finishing process. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2020, 234, 355-370.	2.4	15
5	Rheological study of the developed medium and its correlation with surface roughness during abrasive flow finishing of micro-slots. <i>Machining Science and Technology</i> , 2020, 24, 882-905.	2.5	7
6	Viscoelastic medium modeling and surface roughness simulation of microholes finished by abrasive flow finishing process. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 100, 1165-1182.	3.0	24
7	Simulation and experimental investigations into abrasive flow nanofinishing of surgical stainless steel tubes. <i>Machining Science and Technology</i> , 2018, 22, 454-475.	2.5	22
8	Experimental, Theoretical, and Simulation Comparative Study of Nano Surface Roughness Generated During Abrasive Flow Finishing Process. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2017, 139, .	2.2	11
9	Finishing force analysis and simulation of nanosurface roughness in abrasive flow finishing process using medium rheological properties. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 85, 2163-2178.	3.0	23