

Mohammad Rafighi

List of Publications by Year in descending order

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papers

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9
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49
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative assessment between AlTiN and AlTiSiN coated carbide tools towards machinability improvement of AISI D6 steel in dry hard turning. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 3174-3197.	2.1	20
2	An investigation on cutting sound effect on power consumption and surface roughness in CBN tool-assisted hard turning. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2022, 236, 1096-1108.	2.5	10
3	The cutting sound effect on the power consumption, surface roughness, and machining force in dry turning of Ti-6Al-4V titanium alloy. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 3041-3057.	2.1	8
4	Effects of shallow cryogenic treatment on surface characteristics and machinability factors in hard turning of AISI 4140 steel. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2022, 236, 2118-2130.	2.5	13
5	Analysis and optimisation of the cutting parameters based on machinability factors in turning AISI 4140 steel. Canadian Metallurgical Quarterly, 2022, 61, 407-417.	1.2	10
6	Sustainable Hard Turning of High Chromium AISI D2 Tool Steel Using CBN and Ceramic Inserts. Transactions of the Indian Institute of Metals, 2021, 74, 1639.	1.5	19
7	Machinability of Hardened AISI S1 Cold Work Tool Steel using Cubic Boron Nitride. Scientia Iranica, 2021, .	0.4	5
8	Investigation of Vibration, Sound Intensity, Machine Current and Surface Roughness Values of AISI 4140 During Machining on the Lathe. Arabian Journal for Science and Engineering, 2020, 45, 765-778.	3.0	47
9	Optimization of cutting parameters with respect to roughness for machining of hardened AISI 1040 steel. Materialpruefung/Materials Testing, 2020, 62, 85-95.	2.2	46