

Mohammad Mahdi Jalili

List of Publications by Year in descending order

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8
papers

74
citations

1478505
6
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

47
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of forced vibration in milling process considering gyroscopic moment and rotary inertia. International Journal of Advanced Manufacturing Technology, 2017, 89, 2821-2836.	3.0	17
2	Size dependent vibration analysis of micro-milling operations with process damping and structural nonlinearities. European Journal of Mechanics, A/Solids, 2019, 76, 57-69.	3.7	12
3	Analytical solution for nonlinear oscillation of workpiece in turning process. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 3479-3492.	2.1	10
4	Nonlinear analysis of chatter in turning process using dimensionless groups. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2015, 37, 1151-1162.	1.6	9
5	Study on frequency response and bifurcation analyses under primary resonance conditions of micro-milling operations. Applied Mathematical Modelling, 2020, 87, 404-429.	4.2	9
6	Nonlinear vibration analysis of a circular plate's cavity system. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	8
7	Optimization of different parameters related to milling tools to maximize the allowable cutting depth for chatter-free machining. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2021, 235, 230-241.	2.4	5
8	Nonlinear forced vibration analysis of aircraft wings with rotating unbalanced mass of the propeller system. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	4