Yiqing Yang

List of Publications by Year
in descending order

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		759233	839539
20	432	12	18
papers	citations	h-index	g-index

20	20	20	322
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design and implementation of two-degree-of-freedom tuned mass damper in milling vibration mitigation. Journal of Sound and Vibration, 2015, 335, 78-88.	3.9	72
2	Milling vibration attenuation by eddy current damping. International Journal of Advanced Manufacturing Technology, 2015, 81, 445-454.	3.0	45
3	INTERACTION BETWEEN MULTIPLE MODES IN MILLING PROCESSES. Machining Science and Technology, 2013, 17, 165-180.	2.5	32
4	Vibration Suppression of Thin-Walled Workpiece Machining Based on Electromagnetic Induction. Materials and Manufacturing Processes, 2015, 30, 829-835.	4.7	32
5	Three-dimensional chatter stability prediction of milling based on the linear and exponential cutting force model. International Journal of Advanced Manufacturing Technology, 2014, 72, 1175-1185.	3.0	30
6	Design of a milling cutter with large lengthâ€“diameter ratio based on embedded passive damper. JVC/Journal of Vibration and Control, 2019, 25, 506-516.	2.6	29
7	Design and machining application of a two-DOF magnetic tuned mass damper. International Journal of Advanced Manufacturing Technology, 2017, 89, 1635-1643.	3.0	28
8	General routine of suppressing single vibration mode by multi-DOF tuned mass damper: Application of three-DOF. Mechanical Systems and Signal Processing, 2019, 121, 77-96.	8.0	28
9	Design of a passive damper with tunable stiffness and its application in thin-walled part milling. International Journal of Advanced Manufacturing Technology, 2017, 89, 2713-2720.	3.0	22
10	Chatter suppression in micro-milling using shank-mounted Two-DOF tuned mass damper. Precision Engineering, 2021, 72, 144-157.	3.4	22
11	Investigation into the linear velocity response of cantilever beam embedded with impact damper. JVC/Journal of Vibration and Control, 2019, 25, 1365-1378.	2.6	18
12	Eddy Current-Based Vibration Suppression for Finish Machining of Assembly Interfaces of Large Aircraft Vertical Tail. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	18
13	An image-based approach to predict instantaneous cutting forces using convolutional neural networks in end milling operation. International Journal of Advanced Manufacturing Technology, 2021, 115, 1657.	3.0	14
14	Time-domain simulation and experimental verification of dynamic cutting forces and chatter stability for circular corner milling. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2015, 229, 932-939.	2.4	12
15	Design of a turning cutting tool with large lengthâ€“diameter ratio based on three-element type vibration absorber. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2020, 234, 1032-1043.	2.4	9
16	Graphical Design Methodology of Multi-Degrees-of-Freedom Tuned Mass Damper for Suppressing Multiple Modes. Journal of Vibration and Acoustics, Transactions of the ASME, 2021, 143, .	1.6	7
17	Chatter stability prediction of milling considering nonlinearities. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2021, 235, 862-876.	2.4	6
18	Optimization and Tuning of Passive Tuned Mass Damper Embedded in Milling Tool for Chatter Mitigation. Journal of Manufacturing and Materials Processing, 2021, 5, 2.	2.2	6

#	Article	IF	Citations
19	Design of a slender turning cutting tool via a vibration absorber equipped with piezoelectric ceramic. JVC/Journal of Vibration and Control, 0, , 107754632110144.	2.6	1
20	Design of a composite viscous damper and application on cylindrical thin-walled part milling. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2023, 237, 134-143.	2.4	1