

# Congying Deng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3649909/publications.pdf>

Version: 2024-02-01

13  
papers

156  
citations

1684188

5  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

203  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and biological properties of the micro-/nano-grain functionally graded hydroxyapatite bioceramics for bone tissue engineering. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 48, 1-11.	3.1	66
2	Dynamic characteristics optimization for a whole vertical machining center based on the configuration of joint stiffness. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 76, 1225-1242.	3.0	26
3	Reliability analysis of chatter stability for milling process system with uncertainties based on neural network and fourth moment method. <i>International Journal of Production Research</i> , 2020, 58, 2732-2750.	7.5	17
4	Analysis of the machine tool dynamic characteristics in manufacturing space based on the generalized dynamic response model. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 92, 1411-1424.	3.0	13
5	Investigation on the influence of aerostatic pressure upon surface generation in flycutting. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2019, 233, 1136-1143.	2.4	6
6	Optimizing boundary conditions for thermal analysis of the spindle system using dynamic metamodel assisted differential evolution method. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 2629-2645.	3.0	6
7	Efficient stability prediction of milling process with arbitrary tool-holder combinations based on transfer learning. <i>Journal of Intelligent Manufacturing</i> , 2023, 34, 2263-2279.	7.3	6
8	A Filament Level Analysis on 3-D Orthogonal Weave Micro-geometry Modeling under Different Yarn Tension. <i>Fibers and Polymers</i> , 2020, 21, 2417-2427.	2.1	4
9	Multi-Objective Machining Parameters Optimization for Chatter-Free Milling Process Considering Material Removal Rate and Surface Location Error. <i>IEEE Access</i> , 2019, 7, 183823-183837.	4.2	3
10	Multi-objective modelling and optimal parameter selection of a multi-pass milling process considering uncertain milling stability constraint. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 6225-6240.	3.0	3
11	Robust evaluation of chatter stability for milling process with uncertainties based on optimal configuration of machining position and spindle speed. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 98, 755-769.	3.0	2
12	Chatter Stability Prediction and Process Parameters™ Optimization of Milling Considering Uncertain Tool Information. <i>Symmetry</i> , 2021, 13, 1071.	2.2	2
13	Modeling of filament level plain woven Kevlar 49 fabric for accurate prediction of yarn pull-out behavior. <i>Textile Reseach Journal</i> , 0, , 004051752210930.	2.2	2