

# Zhengyang Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8636350/publications.pdf>

Version: 2024-02-01

9  
papers

100  
citations

1684188  
5  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Investigation of Concave and Convex Micro-Textures for Improving Anti-Adhesion Property of Cutting Tool in Dry Finish Cutting. International Journal of Precision Engineering and Manufacturing - Green Technology, 2018, 5, 583-591.	4.9	29
2	Experimental Analysis of Friction and Wear of Laser Microtextured Surface Filled With Composite Solid Lubricant and Lubricated With Grease on Sliding Surfaces. Journal of Tribology, 2017, 139, .	1.9	20
3	Effect of local laser surface texturing on tribological performance of injection cam. International Journal of Advanced Manufacturing Technology, 2017, 92, 1751-1760.	3.0	16
4	Numerical Investigation of Microtexture Cutting Tool on Hydrodynamic Lubrication. Journal of Tribology, 2017, 139, .	1.9	8
5	Manufacturing of micro-textures on metals by nanosecond laser micromachining. Advances in Materials and Processing Technologies, 2018, 4, 86-99.	1.4	6
6	Performance of Volcano-Like Laser Textured Cutting Tools: An Experimental and Simulative Investigation. Lubricants, 2018, 6, 98.	2.9	6
7	From macro to micro, evolution of surface structures on cutting tools: a review. JMST Advances, 2019, 1, 89-106.	1.9	6
8	A Novel Approach to Model and Optimize Qualities of Castings Produced by Differential Pressure Casting Process. International Journal of Metalcasting, 2022, 16, 259-277.	1.9	5
9	Characterisation of group behaviour surface texturing with multi-layers fitting method. Nondestructive Testing and Evaluation, 2016, 31, 235-246.	2.1	4