

# Yonghong Fu

## List of Publications by Year in descending order

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29  
papers

334  
citations

840776

11  
h-index

888059

17  
g-index

30  
all docs

30  
docs citations

30  
times ranked

267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of laser textured dimples on the lubrication performance of cylinder liner in diesel engine. <i>Lubrication Science</i> , 2012, 24, 293-312.	2.1	61
2	Influence of Geometric Shapes on the Hydrodynamic Lubrication of a Partially Textured Slider With Micro-Grooves. <i>Journal of Tribology</i> , 2014, 136, .	1.9	34
3	Experimental Investigation of Concave and Convex Micro-Textures for Improving Anti-Adhesion Property of Cutting Tool in Dry Finish Cutting. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2018, 5, 583-591.	4.9	29
4	Tribological Properties of Laser Microtextured Surface Bonded With Composite Solid Lubricant at High Temperature. <i>Journal of Tribology</i> , 2016, 138, 0313021-3130211.	1.9	23
5	The Influence of Partially Textured Slider with Oriented Parabolic Grooves on the Behavior of Hydrodynamic Lubrication. <i>Tribology Transactions</i> , 2012, 55, 210-217.	2.0	20
6	Effects of the array modes of laser-textured micro-dimples on the tribological performance of cylinder liner–piston ring. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2018, 232, 871-881.	1.8	20
7	Effect of local laser surface texturing on tribological performance of injection cam. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 92, 1751-1760.	3.0	16
8	Investigation of surface texture influence on hydrodynamic performance of parallel slider bearing under transient condition. <i>Meccanica</i> , 2018, 53, 2053-2066.	2.0	13
9	Study on tribological properties of surface concave convex micro-texture on the mold steel. <i>Industrial Lubrication and Tribology</i> , 2020, 72, 1167-1171.	1.3	13
10	Influence of Donut-Shaped Bump on the Hydrodynamic Lubrication of Textured Parallel Sliders. <i>Journal of Tribology</i> , 2018, 140, .	1.9	12
11	Experimental research on the frictional performance of real laser-textured cylinder liner under different lubrication conditions. <i>International Journal of Engine Research</i> , 2022, 23, 693-704.	2.3	12
12	Hydrodynamic Lubrication of Conformal Contacting Surfaces With Parabolic Grooves. <i>Journal of Tribology</i> , 2012, 134, .	1.9	11
13	Lubrication adaptability to the variations of combustion modes by texturing cylinder liner in engines. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2018, 232, 946-957.	1.9	9
14	Numerical Investigation of Microtexture Cutting Tool on Hydrodynamic Lubrication. <i>Journal of Tribology</i> , 2017, 139, .	1.9	8
15	Laser processing parameter optimization and tribological characteristics of different surface treatment. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 92, 3919-3930.	3.0	6
16	Performance of Volcano-Like Laser Textured Cutting Tools: An Experimental and Simulative Investigation. <i>Lubricants</i> , 2018, 6, 98.	2.9	6
17	From macro to micro, evolution of surface structures on cutting tools: a review. <i>JMST Advances</i> , 2019, 1, 89-106.	1.9	6
18	Numerical simulation study of influence of friction coefficient of die based on Abaqus on V-shaped clamp stamping parameters. <i>Advances in Mechanical Engineering</i> , 2021, 13, 168781402098842.	1.6	6

#	ARTICLE	IF	CITATIONS
19	Comparison of hydrodynamic characteristics between circumferential and transversal microgrooved journal bearings. <i>Lubrication Science</i> , 2019, 31, 285-298.	2.1	5
20	Numerical Simulation and Experimental Study on Flow Forming of Laser Concave-Convex Microtexture of Cr12 Steel Surface. <i>Metals and Materials International</i> , 2021, 27, 4225-4234.	3.4	5
21	Study on the Influence of Capillary Force and Thermal Capillary Force on Surface Bulge Morphology by Laser Micro-Melting. <i>Transactions of the Indian Institute of Metals</i> , 2022, 75, 727-735.	1.5	5
22	Characterisation of group behaviour surface texturing with multi-layers fitting method. <i>Nondestructive Testing and Evaluation</i> , 2016, 31, 235-246.	2.1	4
23	Additional Tribological Effect of Laser Surface Texturing and Diamond-Like Carbon Coating for Medium Carbon Steel at Near Room Temperature. <i>Coatings</i> , 2020, 10, 929.	2.6	4
24	Effect of volcano-like textured coated tools on machining of Ti6Al4V: an experimental and simulative investigation. <i>International Journal of Advanced Manufacturing Technology</i> , 0, , 1.	3.0	3
25	Influence of short grooves on hydrodynamic lubrication of textured infinitely long sliders. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401875890.	1.6	2
26	FULL NUMERICAL SIMULATION TO THE PERFORMANCE OF MICRO-TEXTURED MECHANICAL FACE SEALS. <i>Journal of Advanced Manufacturing Systems</i> , 2008, 07, 267-270.	1.0	1
27	Notice of Retraction: Influence of micro-grooves arranged on working surface on tribological performance. , 2011, , .		0
28	The influence of illumination on two-photon absorption of quantum dots. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2018, 27, 1850031.	1.8	0
29	Research on the influence of laser molten pool flow and evaporation on the bump texture forming of aluminum plate surface. <i>Surface Topography: Metrology and Properties</i> , 2022, 10, 015050.	1.6	0