

# Yonghong Fu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7352261/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Comparison of hydrodynamic characteristics between circumferential and transversal microgrooved journal bearings. <i>Lubrication Science</i> , 2019, 31, 285-298.	2.1	5
9	From macro to micro, evolution of surface structures on cutting tools: a review. <i>JMST Advances</i> , 2019, 1, 89-106.	1.9	6
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	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
12	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
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	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
15	Performance of Volcano-Like Laser Textured Cutting Tools: An Experimental and Simulative Investigation. <i>Lubricants</i> , 2018, 6, 98.	2.9	6
16	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
17	Influence of short grooves on hydrodynamic lubrication of textured infinitely long sliders. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401875890.	1.6	2
18	Numerical Investigation of Microtexture Cutting Tool on Hydrodynamic Lubrication. <i>Journal of Tribology</i> , 2017, 139, .	1.9	8

#	ARTICLE	IF	CITATIONS
19	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
20	Laser processing parameter optimization and tribological characteristics of different surface treatment. International Journal of Advanced Manufacturing Technology, 2017, 92, 3919-3930.	3.0	6
21	Tribological Properties of Laser Microtextured Surface Bonded With Composite Solid Lubricant at High Temperature. Journal of Tribology, 2016, 138, 0313021-3130211.	1.9	23
22	Characterisation of group behaviour surface texturing with multi-layers fitting method. Nondestructive Testing and Evaluation, 2016, 31, 235-246.	2.1	4
23	Influence of Geometric Shapes on the Hydrodynamic Lubrication of a Partially Textured Slider With Micro-Grooves. Journal of Tribology, 2014, 136, .	1.9	34
24	The Influence of Partially Textured Slider with Oriented Parabolic Grooves on the Behavior of Hydrodynamic Lubrication. Tribology Transactions, 2012, 55, 210-217.	2.0	20
25	Hydrodynamic Lubrication of Conformal Contacting Surfaces With Parabolic Grooves. Journal of Tribology, 2012, 134, .	1.9	11
26	Effect of laser textured dimples on the lubrication performance of cylinder liner in diesel engine. Lubrication Science, 2012, 24, 293-312.	2.1	61
27	Notice of Retraction: Influence of micro-grooves arranged on working surface on tribological performance. , 2011, , .		0
28	FULL NUMERICAL SIMULATION TO THE PERFORMANCE OF MICRO-TEXTURED MECHANICAL FACE SEALS. Journal of Advanced Manufacturing Systems, 2008, 07, 267-270.	1.0	1
29	Effect of volcano-like textured coated tools on machining of Ti6Al4V: an experimental and simulative investigation. International Journal of Advanced Manufacturing Technology, 0, , 1.	3.0	3