

# Liping Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8662952/publications.pdf>

Version: 2024-02-01

13  
papers

154  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

128  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical mechanisms behind the wet adhesion: From amphibian toe-pad to biomimetics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111531.	5.0	14
2	Uniform Inner Surface Treatment of Tubes Using a Flexible Atmospheric Pressure Microplasma Jet Source*. , 2021, , .		0
3	Maskless atmospheric pressure PECVD of SiO <sub>x</sub> films on both planar and nonplanar surfaces using a flexible atmospheric microplasma generation device. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900142.	3.0	8
4	Homogeneous surface hydrophilization on the inner walls of polymer tubes using a flexible atmospheric cold microplasma jet. <i>Plasma Processes and Polymers</i> , 2020, 17, 2000056.	3.0	7
5	Experimental investigation of the effect of typical surface texture patterns on mechanical seal performance. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	8
6	Microplasma direct writing of a copper thin film in the atmospheric condition with a novel copper powder electrode. <i>Plasma Processes and Polymers</i> , 2020, 17, 2000034.	3.0	6
7	Comparative research on gas seal performance textured with microgrooves and microdimples. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	5
8	Closure to Discussion of "A Multi-Objective Optimization Approach on Spiral Grooves for Gas Mechanical Seals" (Wang, X., Shi, L., Huang, W., and Wang, X., 2018, <i>ASME J. Tribol.</i> , 140(4), p. 041701). <i>Journal of Tribology</i> , 2019, 141, .	1.9	1
9	Multi-objective optimization on dimple shapes for gas face seals. <i>Tribology International</i> , 2018, 123, 216-223.	5.9	40
10	A Multi-Objective Optimization Approach on Spiral Grooves for Gas Mechanical Seals. <i>Journal of Tribology</i> , 2018, 140, .	1.9	12
11	Surface texturing on SiC by multiphase jet machining with microdiamond abrasives. <i>Materials and Manufacturing Processes</i> , 2018, 33, 1415-1421.	4.7	18
12	Comparison of the Load-Carrying Performance of Mechanical Gas Seals Textured With Microgrooves and Microdimples. <i>Journal of Tribology</i> , 2016, 138, .	1.9	32
13	Effect of electrode configurations on the characteristics of the ring-type atmospheric pressure plasma jet and its modification on polymer film. <i>Plasma Processes and Polymers</i> , 0, , e2100139.	3.0	3