

Liping Shi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

154
citations

1307594

7
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1281871

11
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13
all docs

13
docs citations

13
times ranked

128
citing authors

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