# Jufan Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1211202/publications.pdf

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| 20 | 115 | 1478505 6 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 22 | 22 | 22 | 69 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Numerical Analysis of Microchannels Designed for Heat Sinks. Nanomanufacturing and Metrology, 2022, 5, 354-369. | 3.0 | 5 |
| 2 | Stray light analysis and design optimization of geometrical waveguide. Advanced Optical Technologies, 2021, 10, 71-79. | 1.7 | 1 |
| 3 | Study on tribological performance of groove-textured bioimplants. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 119, 104514. | 3.1 | 13 |
| 4 | Study on surface texture patterns for improving tribological performance of bioimplants. Surface and Coatings Technology, 2021, 422, 127567. | 4.8 | 10 |
| 5 | Design of a large field-of-view two-dimensional geometrical waveguide. Results in Optics, 2021, 5, 100147. | 2.0 | 5 |
| 6 | Vergence-accommodation conflict in optical see-through display: review and prospect. Results in Optics, 2021, 5, 100160. | 2.0 | 17 |
| 7 | Advances in the design of optical see-through displays. Advanced Optical Technologies, 2020, 9, 167-186. | 1.7 | 6 |
| 8 | Influence of SiC surface defects on materials removal in atmospheric pressure plasma polishing. Computational Materials Science, 2018, 146, 26-35. | 3.0 | 19 |
| 9 | Deterministic removal of atmospheric pressure plasma polishing based on the lucyâ€“richardson algorithm. Machining Science and Technology, 2018, 22, 953-967. | 2.5 | 2 |
| 10 | Newton-Euler method for dynamic modeling and control of parallel polishing manipulator. , 2017, , . | | 2 |
| 11 | Modelling and application of particle distribution for atmospheric plasma excitation. International Journal of Nanomanufacturing, 2017, 13, 43. | 0.3 | 3 |
| 12 | Improvement of plasma jet in atmospheric pressure plasma polishing. International Journal of Manufacturing Research, 2014, 9, 245. | 0.2 | 2 |
| 13 | Analysis on formation mechanism of ultra-smooth surfaces in atmospheric pressure plasma polishing. International Journal of Advanced Manufacturing Technology, 2013, 65, 1239-1245. | 3.0 | 8 |
| 14 | SEMI-ACTIVE FUZZY OPTIMAL CONTROL OF A VEHICULAR MULTI-DIMENSIONAL VIBRATION ISOLATOR. International Journal of Robotics and Automation, 2013, 28, . | 0.1 | 1 |
| 15 | Research and application of the dynamic load protection technology for nuclear fuel upender. , 2012, , . | | 1 |
| 16 | Surface Quality Improvement of Atmospheric Pressure Plasma Polishing (APPP) in Machining of Silicon Ultra-Smooth Surfaces. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2012, 6, 464-471. | 0.7 | 1 |
| 17 | Modeling and representation of a computer-aided conceptual design system. Journal of Mechanical Science and Technology, 2012, 26, 3515-3524. | 1.5 | 2 |
| 18 | Application of atmospheric pressure plasma polishing method in machining of silicon ultra-smooth surfaces. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2008, 3, 480-487. | 0.6 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Process monitoring and analysis of atmospheric pressure plasma polishing method. Proceedings of SPIE, 2007, , . | 0.8 | 1 |
| 20 | Study on the effect of hydrodynamic pressure on the tribological performance of textured bioimplants. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0, , 095440622110341. | 2.1 | 0 |