

Jufan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

115
citations

1478505

6
h-index

1372567

10
g-index

22
all docs

22
docs citations

22
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of SiC surface defects on materials removal in atmospheric pressure plasma polishing. Computational Materials Science, 2018, 146, 26-35.	3.0	19
2	Vergence-accommodation conflict in optical see-through display: review and prospect. Results in Optics, 2021, 5, 100160.	2.0	17
3	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
4	Study on tribological performance of groove-textured bioimplants. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 119, 104514.	3.1	13
5	Study on surface texture patterns for improving tribological performance of bioimplants. Surface and Coatings Technology, 2021, 422, 127567.	4.8	10
6	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
7	Advances in the design of optical see-through displays. Advanced Optical Technologies, 2020, 9, 167-186.	1.7	6
8	Design of a large field-of-view two-dimensional geometrical waveguide. Results in Optics, 2021, 5, 100147.	2.0	5
9	Numerical Analysis of Microchannels Designed for Heat Sinks. Nanomanufacturing and Metrology, 2022, 5, 354-369.	3.0	5
10	Modelling and application of particle distribution for atmospheric plasma excitation. International Journal of Nanomanufacturing, 2017, 13, 43.	0.3	3
11	Modeling and representation of a computer-aided conceptual design system. Journal of Mechanical Science and Technology, 2012, 26, 3515-3524.	1.5	2
12	Improvement of plasma jet in atmospheric pressure plasma polishing. International Journal of Manufacturing Research, 2014, 9, 245.	0.2	2
13	Newton-Euler method for dynamic modeling and control of parallel polishing manipulator. , 2017, , .		2
14	Deterministic removal of atmospheric pressure plasma polishing based on the Lucy-Richardson algorithm. Machining Science and Technology, 2018, 22, 953-967.	2.5	2
15	Process monitoring and analysis of atmospheric pressure plasma polishing method. Proceedings of SPIE, 2007, , .	0.8	1
16	Research and application of the dynamic load protection technology for nuclear fuel upender. , 2012, , .		1
17	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
18	Stray light analysis and design optimization of geometrical waveguide. Advanced Optical Technologies, 2021, 10, 71-79.	1.7	1

#	ARTICLE	IF	CITATIONS
19	SEMI-ACTIVE FUZZY OPTIMAL CONTROL OF A VEHICULAR MULTI-DIMENSIONAL VIBRATION ISOLATOR. International Journal of Robotics and Automation, 2013, 28, .	0.1	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