

Taekyung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

146
citations

1478505

6
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and fabrication of a large-area superhydrophobic metal surface with anti-icing properties engineered using a top-down approach. <i>Applied Surface Science</i> , 2015, 351, 920-926.	6.1	39
2	Drag reduction using metallic engineered surfaces with highly ordered hierarchical topographies: nanostructures on micro-riblets. <i>Applied Surface Science</i> , 2016, 367, 147-152.	6.1	21
3	Replication of high refractive index glass microlens array by imprinting in conjunction with laser assisted rapid surface heating for high resolution confocal microscopy imaging. <i>Optics Express</i> , 2019, 27, 18869.	3.4	20
4	Design methodology for nano-engineered surfaces to control adhesion: Application to the anti-adhesion of particles. <i>Applied Surface Science</i> , 2016, 389, 889-893.	6.1	16
5	A metallic anti-biofouling surface with a hierarchical topography containing nanostructures on curved micro-riblets. <i>Microsystems and Nanoengineering</i> , 2022, 8, 6.	7.0	15
6	A Comprehensive Review of Micro/Nano Precision Glass Molding Molds and Their Fabrication Methods. <i>Micromachines</i> , 2021, 12, 812.	2.9	12
7	Effect of alumina composition and surface integrity in alumina/epoxy composites on the ultrasonic attenuation properties. <i>Ultrasonics</i> , 2016, 66, 133-139.	3.9	7
8	Fabrication of a metallic roll stamp with low internal stress and high hardness for large area display applications by a pulse reverse current electroforming process. <i>Journal of Micromechanics and Microengineering</i> , 2014, 24, 125004.	2.6	6
9	Nanoimprinting of soda-lime glass using vitreous carbon nanomold for high-temperature stable nanophotonic crystal filter. <i>Optics and Laser Technology</i> , 2022, 150, 107970.	4.6	5
10	Effects of Fabrication Errors on the Sensitivity of Nano-Replicated Guided Mode Resonance Protein Sensors. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 10MC03.	1.5	3
11	Gigapixel confocal imaging using a massively parallel optical probe array with single directional infinite scanning. <i>Scientific Reports</i> , 2020, 10, 7658.	3.3	2
12	The Design Improvement of a Rotary-Wing Aircraft Frame Considering Fatigue Life and Fracture Characteristics. <i>International Journal of Aeronautical and Space Sciences</i> , 2021, 22, 1313-1320.	2.0	0