

Sung Ho Lee

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

302
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous fabrication of bio-inspired water collecting surface via roll-type photolithography. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2014, 1, 119-124.	4.9	44
2	Facile three-dimensional nanoarchitecturing of double-bent gold strips on roll-to-roll nanoimprinted transparent nanogratings for flexible and scalable plasmonic sensors. <i>Nanoscale</i> , 2017, 9, 1398-1402.	5.6	39
3	Scalable and continuous fabrication of bio-inspired dry adhesives with a thermosetting polymer. <i>Soft Matter</i> , 2018, 14, 2586-2593.	2.7	31
4	Remora-Inspired Reversible Adhesive for Underwater Applications. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47571-47576.	8.0	30
5	Roll-type photolithography for continuous fabrication of narrow bus wires. <i>Journal of Micromechanics and Microengineering</i> , 2016, 26, 115008.	2.6	23
6	Visually tolerable tiling (VTT) for making a large-area flexible patterned surface. <i>Materials Horizons</i> , 2015, 2, 86-90.	12.2	22
7	Controlled airbrush coating of polymer resists in Roll-to-Roll nanoimprinting with regimented residual layer thickness. <i>International Journal of Precision Engineering and Manufacturing</i> , 2016, 17, 943-947.	2.2	21
8	Scalable fabrication of flexible transparent heaters comprising continuously created metallic micromesh patterns incorporated with biomimetic anti-reflection layers. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2017, 4, 177-181.	4.9	20
9	Adhesion tunable bio-inspired dry adhesives by twisting. <i>International Journal of Precision Engineering and Manufacturing</i> , 2017, 18, 1433-1437.	2.2	13
10	Continuous Tip Widening Technique for Roll-to-Roll Fabrication of Dry Adhesives. <i>Coatings</i> , 2018, 8, 349.	2.6	10
11	Fluorocarbon Rubber-Based Inert Dry Adhesive for Applications under Harsh Conditions. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3981-3988.	4.4	10
12	Surface Adaptable and Adhesion Controllable Dry Adhesive with Shape Memory Polymer. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200012.	3.9	10
13	Highly flexible and self-adaptive dry adhesive end-effectors for precision robotics. <i>Soft Matter</i> , 2019, 15, 5827-5834.	2.7	9
14	Fabrication and Performance Evaluation of the Helmholtz Resonator Inspired Acoustic Absorber Using Various Materials. <i>Micromachines</i> , 2020, 11, 983.	2.9	9
15	Magneto-Responsive Actuating Surfaces with Controlled Wettability and Optical Transmittance. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14721-14728.	8.0	5
16	Plasmonic roller lithography. <i>Nanotechnology</i> , 2019, 30, 105202.	2.6	3
17	Durable Soft Mold for Imprinting of High-Adhesive Resin. <i>Coatings</i> , 2021, 11, 137.	2.6	1
18	Advanced Film-Type Acoustic Reflector Inspired by Helmholtz Resonator. <i>Journal of the Korean Society for Precision Engineering</i> , 2020, 37, 283-290.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Fingerprint inspired advanced end-effector and its applications. Friction, 0, , .	6.4	1
20	Continuous Fabrication of Wide-Tip Microstructures for Bio-Inspired Dry Adhesives via Tip Inking Process. Journal of Chemistry, 2019, 2019, 1-5.	1.9	0