

Jonghyun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

78
citations

1684188
5
h-index

1474206
9
g-index

11
all docs

11
docs citations

11
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Printing of Functional Nanofibers on 3D Surfaces Using Self-Aligning Nanojet in Near-Field Electrospinning. <i>Advanced Materials Technologies</i> , 2020, 5, 2000232.	5.8	18
2	Fiber Lithography: A Facile Lithography Platform Based on Electromagnetic Phase Modulation Using a Highly Birefringent Electrospun Fiber. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20056-20066.	8.0	2
3	Synthesis of Micro-encapsulated Phase Change Materials Using Chain Transfer Agent via Emulsion Polymerization and Their Chemical, Optical, and Thermal Characterization. <i>Jom</i> , 2019, 71, 4562-4568.	1.9	3
4	3D Printed Injection Molding for Prototyping Batch Fabrication of Macroscale Graphene/Paraffin Spheres for Thermal Energy Management. <i>Jom</i> , 2019, 71, 4569-4577.	1.9	1
5	Droplet-jet mode near-field electrospinning for controlled helix patterns with sub-10 μm coiling diameter. <i>Journal of Micromechanics and Microengineering</i> , 2019, 29, 045004.	2.6	8
6	Electrohydrodynamics: Electric-Field-Assisted Single-Step In Situ Fabrication and Focal Length Control of Polymeric Convex Lens on Flexible Substrate (<i>Adv. Mater. Technol.</i> 11/2018). <i>Advanced Materials Technologies</i> , 2018, 3, 1870042.	5.8	0
7	Experimental study on jet impact speed in near-field electrospinning for precise patterning of nanofiber. <i>Journal of Manufacturing Processes</i> , 2018, 36, 231-237.	5.9	25
8	Electric-Field-Assisted Single-Step In Situ Fabrication and Focal Length Control of Polymeric Convex Lens on Flexible Substrate. <i>Advanced Materials Technologies</i> , 2018, 3, 1800108.	5.8	4
9	A Quantification of Jet Speed and Nanofiber Deposition Rate in Near-Field Electrospinning Through Novel Image Processing. <i>Journal of Micro and Nano-Manufacturing</i> , 2018, 6, .	0.7	7
10	Design and fabrication of implantable pressure sensing resistor sensor for human bladder monitoring system. <i>Microsystem Technologies</i> , 2011, 17, 1453-1458.	2.0	4
11	A study on the fluid mechanical urinary bladder simulator and reproduction of human urodynamics. <i>International Journal of Precision Engineering and Manufacturing</i> , 2011, 12, 679-685.	2.2	6