

Jeung Sang Go

List of Publications by Year in descending order

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17
papers

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1306789

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213
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective optimization and comparison of surrogate models for separation performances of cyclone separator based on CFD, RSM, GMDH-neural network, back propagation-ANN and genetic algorithm. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2020, 14, 180-201.	1.5	33
2	Virus-mimetic polymer nanoparticles displaying hemagglutinin as an adjuvant-free influenza vaccine. <i>Biomaterials</i> , 2018, 183, 234-242.	5.7	20
3	Development of a Capacitive Ice Sensor to Measure Ice Growth in Real Time. <i>Sensors</i> , 2015, 15, 6688-6698.	2.1	16
4	Experimental study on the reduction of skin frictional drag in pipe flow by using convex air bubbles. <i>Experiments in Fluids</i> , 2014, 55, 1.	1.1	12
5	Design of Cyclone Separator Critical Diameter Model Based on Machine Learning and CFD. <i>Processes</i> , 2020, 8, 1521.	1.3	12
6	Rheological measurement of the nonlinear viscoelasticity of the ABS polymer and numerical simulation of thermoforming process. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 107, 2449-2464.	1.5	11
7	Formation of Polymeric Hollow Microcapsules and Microlenses Using Gas-in-Organic-in-Water Droplets. <i>Micromachines</i> , 2015, 6, 622-633.	1.4	10
8	Experimental determination of the viscoelastic parameters of K-BKZ model and the influence of temperature field on the thickness distribution of ABS thermoforming. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 985-995.	1.5	8
9	Synthesis fluorescent magnetic nanoparticles in a microchannel using the La Mer process and the characterization of their properties. <i>Journal of Materials Science</i> , 2014, 49, 4583-4589.	1.7	6
10	Continuous and surfactant-free preparation of nanocapsulized proteins. <i>Microfluidics and Nanofluidics</i> , 2012, 13, 141-149.	1.0	5
11	Continuous Preparation of Hollow Polymeric Nanocapsules Using Self-Assembly and a Photo-Crosslinking Process of an Amphiphilic Block Copolymer. <i>Molecules</i> , 2017, 22, 1892.	1.7	2
12	An isothermal temperature source with a large surface area using the metal-etched microwick-inserted vapor chamber heat spreader. <i>Journal of Mechanical Science and Technology</i> , 2004, 18, 681-688.	0.4	1
13	Chemical modification of polymeric cantilever Sensors with multiamine supramolecular hydrogel. , 2012, , .		1
14	Fabrication of a piezoelectric microcantilever array with a large initial deflection and an application to electrical energy harvesting. <i>International Journal of Precision Engineering and Manufacturing</i> , 2012, 13, 1671-1677.	1.1	1
15	Ring-Shaped Baffle Effect on Separation Performance of Lithium Carbonate Micro Particles in a Centrifugal Classifier. <i>Micromachines</i> , 2020, 11, 980.	1.4	1
16	Prevention of Microsphere Blockage in Catheter Tubes Using Convex Air Bubbles. <i>Micromachines</i> , 2020, 11, 1040.	1.4	1
17	Microfluidic Tracking of the Growth of Polymeric Vesicles in Hydrodynamic Flow. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5845-5850.	2.0	1