

Young Soo Joung

List of Publications by Year in descending order

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16
papers

739
citations

1163117

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940533

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all docs

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docs citations

16
times ranked

1154
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term effect of nanobubbles generated by turbulent flow through diamond-pattern notches on liquid properties. Results in Engineering, 2022, , 100375.	5.1	1
2	Antibacterial fabric with contradictory functions of water repellency and absorbency realized by electrophoretic deposition of hydrophobic SiO ₂ and hydrophilic ZnO nanoparticles. Progress in Organic Coatings, 2021, 161, 106455.	3.9	2
3	Schlieren imaging for the visualization of particles entrapped in bubble films. Journal of Colloid and Interface Science, 2020, 570, 52-60.	9.4	6
4	A mean-density model of ionic surfactants for the dispersion of carbon nanotubes in aqueous solutions. Applied Surface Science, 2018, 439, 1133-1142.	6.1	7
5	Bioaerosol generation by raindrops on soil. Nature Communications, 2017, 8, 14668.	12.8	176
6	Conductive hydrogel films produced by freestanding electrophoretic deposition and polymerization at the interface of immiscible liquids. Composites Science and Technology, 2017, 153, 128-135.	7.8	4
7	Aerosol generation by raindrop impact on soil. Nature Communications, 2015, 6, 6083.	12.8	137
8	Antimicrobial behavior of novel surfaces generated by electrophoretic deposition and breakdown anodization. Colloids and Surfaces B: Biointerfaces, 2015, 134, 204-212.	5.0	8
9	Antiwetting Fabric Produced by a Combination of Layer-by-Layer Assembly and Electrophoretic Deposition of Hydrophobic Nanoparticles. ACS Applied Materials & Interfaces, 2015, 7, 20100-20110.	8.0	54
10	Scaling laws for drop impingement on porous films and papers. Physical Review E, 2014, 89, 013015.	2.1	19
11	Design of capillary flows with functionally graded porous titanium oxide films fabricated by anodization instability. Journal of Colloid and Interface Science, 2014, 423, 143-150.	9.4	5
12	Hierarchically structured surfaces for boiling critical heat flux enhancement. Applied Physics Letters, 2013, 102, .	3.3	216
13	A Hybrid Method Employing Breakdown Anodization and Electrophoretic Deposition for Superhydrophilic Surfaces. Journal of Physical Chemistry B, 2013, 117, 1714-1723.	2.6	13
14	Hybrid Electrophoretic Deposition with Anodization Process for Superhydrophilic Surfaces to Enhance Critical Heat Flux. Key Engineering Materials, 2012, 507, 9-13.	0.4	4
15	Electrophoretic Deposition of Unstable Colloidal Suspensions for Superhydrophobic Surfaces. Langmuir, 2011, 27, 4156-4163.	3.5	65
16	Optimal layout design of three-dimensional geometrically non-linear structures using the element connectivity parameterization method. International Journal for Numerical Methods in Engineering, 2007, 69, 1278-1304.	2.8	22