

Yiyun Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Antibacterial activity of photocatalytic electrospun titania nanofiber mats and solution-blown soy protein nanofiber mats decorated with silver nanoparticles. <i>Catalysis Communications</i> , 2013, 34, 35-40.	3.3	49
2	Inverse-Leidenfrost phenomenon on nanofiber mats on hot surfaces. <i>Physical Review E</i> , 2011, 84, 036310.	2.1	74
3	Nonisothermal drop impact and evaporation on polymer nanofiber mats. <i>Physical Review E</i> , 2011, 83, 036305.	2.1	51
4	Electrospun and solution blown three-dimensional carbon fiber nonwovens for application as electrodes in microbial fuel cells. <i>Energy and Environmental Science</i> , 2011, 4, 1417.	30.8	289
5	Drop Impact, Spreading, Splashing, and Penetration into Electrospun Nanofiber Mats. <i>Langmuir</i> , 2010, 26, 9516-9523.	3.5	117
6	Stimuli-responsive copolymers of n-isopropyl acrylamide with enhanced longevity in water for micro- and nanofluidics, drug delivery and non-woven applications. <i>Journal of Materials Chemistry</i> , 2009, 19, 4732.	6.7	55
7	Electrospun polymer nanofibers as a solid-phase extraction sorbent for the determination of trace pollutants in environmental water. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 929-938.	3.7	106
8	Fiber-packed SPE tips based on electrospun fibers. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2189-2197.	3.7	53
9	Application of a modified Coomassie brilliant blue protein assay in the study of protein adsorption on carbon thin films. <i>Surface and Coatings Technology</i> , 2007, 201, 6843-6846.	4.8	30