Keon Woo Kwon

List of Publications by Year
in descending order

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15 papers	935 citations	840776 11 h-index	1281871 11 g-index
15 all docs	15 docs citations	15 times ranked	1577 citing authors

#	Article	IF	Citations
1	Direct differentiation of human embryonic stem cells into selective neurons on nanoscale ridge/groove pattern arrays. Biomaterials, 2010, 31, 4360-4366.	11.4	321
2	Guided Cell Migration on Microtextured Substrates with Variable Local Density and Anisotropy. Advanced Functional Materials, 2009, 19, 1579-1586.	14.9	173
3	Label-free, microfluidic separation and enrichment of human breast cancer cells by adhesion difference. Lab on A Chip, 2007, 7, 1461.	6.0	140
4	Pumpless, selective docking of yeast cells inside a microfluidic channel induced by receding meniscus. Lab on A Chip, 2006, 6, 988.	6.0	76
5	Nanotopography-Guided Migration of T Cells. Journal of Immunology, 2012, 189, 2266-2273.	0.8	57
6	Adhesion Assays of Endothelial Cells on Nanopatterned Surfaces within a Microfluidic Channel. Analytical Chemistry, 2010, 82, 3016-3022.	6.5	48
7	Dynamics of T cells on endothelial layers aligned by nanostructured surfaces. Biomaterials, 2012, 33, 2007-2015.	11.4	31
8	Multiscale Fabrication of Multiple Proteins and Topographical Structures by Combining Capillary Force Lithography and Microscope Projection Photolithography. Langmuir, 2011, 27, 3238-3243.	3.5	30
9	T cells sense biophysical cues using lamellipodia and filopodia to optimize intraluminal path finding. Integrative Biology (United Kingdom), 2014, 6, 450.	1.3	27
10	Migration of T Cells on Surfaces Containing Complex Nanotopography. PLoS ONE, 2013, 8, e73960.	2.5	18
11	Roles of endothelial A-type lamins in migration of T cells on and under endothelial layers. Scientific Reports, 2016, 6, 23412.	3.3	12
12	A microfluidic flow sensor for measuring cell adhesion. , 2006, , .		1
13	Single-Cell Level Array of Yeast Cells in Pumpless Microfluidic Channels induced by Receding Meniscus. , 2006, , .		1
14	Receding meniscus induced docking of yeast cells inside microfluidic channels at single cell level. , 2006, , .		0
15	Label-Free, Microfluidic Separation of Human Breast Carcinoma and Epithelial Cells by Adhesion Difference. , 2007, , .		0