Edward Kang

List of Publications by Year
in descending order

19	1,634	759233 12	888059 17
papers	citations	h-index	g-index

19	19	19	2353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Digitally tunable physicochemical coding of material composition and topography in continuous microfibres. Nature Materials, 2011, 10, 877-883.	27.5	397
2	Microfluidic spinning of micro- and nano-scale fibers for tissue engineering. Lab on A Chip, 2014, 14, 2145-2160.	6.0	287
3	Spheroid-based three-dimensional liver-on-a-chip to investigate hepatocyteâ€“hepatic stellate cell interactions and flow effects. Lab on A Chip, 2013, 13, 3529.	6.0	236
4	Microfluidic Spinning of Flat Alginate Fibers with Grooves for Cellâ€Aligning Scaffolds. Advanced Materials, 2012, 24, 4271-4277.	21.0	219
5	Microfluidic wet spinning of chitosan-alginate microfibers and encapsulation of HepG2 cells in fibers. Biomicrofluidics, 2011, 5, 022208.	2.4	104
6	Novel PDMS cylindrical channels that generate coaxial flow, and application to fabrication of microfibers and particles. Lab on A Chip, 2010, 10, 1856.	6.0	102
7	Micro/Nanometerâ€Scale Fiber with Highly Ordered Structures by Mimicking the Spinning Process of Silkworm. Advanced Materials, 2013, 25, 3071-3078.	21.0	87
8	Development of a multi-layer microfluidic array chip to culture and replate uniform-sized embryoid bodies without manual cell retrieval. Lab on A Chip, 2010, 10, 2651.	6.0	53
9	Largeâ€Scale, Ultrapliable, and Freeâ€Standing Nanomembranes. Advanced Materials, 2013, 25, 2167-2173.	21.0	53
10	An integrated microfluidic culture device to regulate endothelial cell differentiation from embryonic stem cells. Electrophoresis, 2011, 32, 3133-3137.	2.4	39
11	A hemispherical microfluidic channel for the trapping and passive dissipation of microbubbles. Journal of Micromechanics and Microengineering, 2010, 20, 045009.	2.6	17
12	Simple Fabrication Method for a Porous Poly(vinyl alcohol) Matrix by Multisolvent Mixtures for an Air-Exposed Model of the Lung Epithelial System. Langmuir, 2014, 30, 12107-12113.	3.5	12
13	Clustering of eyes with age-related macular degeneration or pachychoroid spectrum diseases based on choroidal thickness profile. Scientific Reports, 2021, 11, 4999.	3.3	11
14	Choroidal thickness profile and clinical outcomes in eyes with polypoidal choroidal vasculopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 1711-1721.	1.9	7
15	Peripapillary Choroidal Vascularity Outside the Macula in Patients With Central Serous Chorioretinopathy. Translational Vision Science and Technology, 2021, 10, 9.	2.2	4
16	Comparison of Regional Differences in the Choroidal Thickness between Patients with Pachychoroid Neovasculopathy and Classic Exudative Age-related Macular Degeneration. Current Eye Research, 2021, 46, 1398-1405.	1.5	3
17	Factors related to the location of pigment epithelial detachment in central serous chorioretinopathy. Scientific Reports, 2022, 12, 4507.	3.3	3
18	Microfluidic â€œOn-the-Flyâ€•Fabrication of Microstructures for Biomedical Applications. , 2013, , 293-309.		0

#	Article	IF	Citations
19	The Effect of Near-work on the Development of Delayed-onset Consecutive Esotropia. Journal of Korean Ophthalmological Society, 2021, 62, 820-825.	0.2	0