

Alex Jiao

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

906
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

1828
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotopography-guided tissue engineering and regenerative medicine. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 536-558.	13.7	346
2	Nanotopography-Induced Structural Anisotropy and Sarcomere Development in Human Cardiomyocytes Derived from Induced Pluripotent Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21923-21932.	8.0	155
3	Patterning Methods for Polymers in Cell and Tissue Engineering. <i>Annals of Biomedical Engineering</i> , 2012, 40, 1339-1355.	2.5	140
4	Fabrication of poly(ethylene glycol): gelatin methacrylate composite nanostructures with tunable stiffness and degradation for vascular tissue engineering. <i>Biofabrication</i> , 2014, 6, 024112.	7.1	65
5	Novel Adult-Onset Systolic Cardiomyopathy Due to MYH7 E848G Mutation in Patient-Derived Induced Pluripotent Stem Cells. <i>JACC Basic To Translational Science</i> , 2018, 3, 728-740.	4.1	63
6	Thermoresponsive Nanofabricated Substratum for the Engineering of Three-Dimensional Tissues with Layer-by-Layer Architectural Control. <i>ACS Nano</i> , 2014, 8, 4430-4439.	14.6	61
7	Engineering anisotropic 3D tubular tissues with flexible thermoresponsive nanofabricated substrates. <i>Biomaterials</i> , 2020, 240, 119856.	11.4	28
8	Regulation of skeletal myotube formation and alignment by nanotopographically controlled cell-secreted extracellular matrix. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1543-1551.	4.0	26
9	Capillary Force Lithography for Cardiac Tissue Engineering. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	22
10	BIOINSPIRED NANOTOPOGRAPHICALLY-DEFINED CELL CULTURE MODELS. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2014, , 1149-1176.	0.1	0