

Angela W Xie

List of Publications by Year in descending order

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11
papers

355
citations

840776

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1281871

11
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all docs

11
docs citations

11
times ranked

747
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable engineered vascular networks from human induced pluripotent stem cell-derived endothelial cells cultured in synthetic hydrogels. <i>Acta Biomaterialia</i> , 2016, 35, 32-41.	8.3	86
2	Stacking of aligned cell sheets for layer-by-layer control of complex tissue structure. <i>Biomaterials</i> , 2011, 32, 5625-5632.	11.4	65
3	Controlled Self-assembly of Stem Cell Aggregates Instructs Pluripotency and Lineage Bias. <i>Scientific Reports</i> , 2017, 7, 14070.	3.3	31
4	Context Clues: The Importance of Stem Cell-Material Interactions. <i>ACS Chemical Biology</i> , 2014, 9, 45-56.	3.4	30
5	Peptide Conjugation to a Polymer Coating via Native Chemical Ligation of Azlactones for Cell Culture. <i>Biomacromolecules</i> , 2016, 17, 1040-1047.	5.4	25
6	A Comparison of Human Smooth Muscle and Mesenchymal Stem Cells as Potential Cell Sources for Tissue-Engineered Vascular Patches. <i>Tissue Engineering - Part A</i> , 2012, 18, 986-998.	3.1	24
7	Polyethylene Glycol Coatings on Plastic Substrates for Chemically Defined Stem Cell Culture. <i>Advanced Healthcare Materials</i> , 2015, 4, 1555-1564.	7.6	23
8	Functionalization of microparticles with mineral coatings enhances non-viral transfection of primary human cells. <i>Scientific Reports</i> , 2017, 7, 14211.	3.3	19
9	Engineered biomaterials to mitigate growth factor cost in cell biomanufacturing. <i>Current Opinion in Biomedical Engineering</i> , 2019, 10, 1-10.	3.4	19
10	Sustained release and protein stabilization reduce the growth factor dosage required for human pluripotent stem cell expansion. <i>Biomaterials</i> , 2020, 248, 120007.	11.4	17
11	Controlled Aggregation Enhances Immunomodulatory Potential of Mesenchymal Stromal Cell Aggregates. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1184-1201.	3.3	16