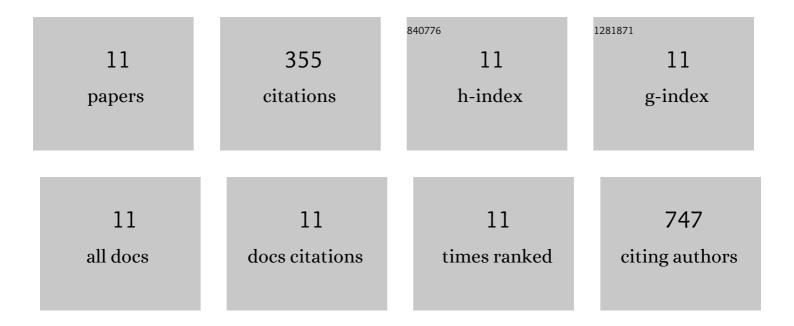
## Angela W Xie

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6015278/publications.pdf Version: 2024-02-01



ANCELA W/ XIE

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