Yihua Loo

List of Publications by Year
in descending order

16 papers	1,380 citations	758635 12 h-index	996533 15 g-index
17 all docs	17 docs citations	17 times ranked	2457 citing authors

#	Article	IF	Citations
1	Xenoâ€free selfâ€assembling peptide scaffolds for building <scp>3D</scp> organotypic skin cultures. FASEB BioAdvances, 2022, 4, 631-637.	1.3	1
2	A Chemically Well-Defined, Self-Assembling 3D Substrate for Long-Term Culture of Human Pluripotent Stem Cells. ACS Applied Bio Materials, 2019, 2, 1406-1412.	2.3	10
3	Biofabrication of Organotypic Full-Thickness Skin Constructs. , 2019, , 249-261.		0
4	C-Terminal Residue of Ultrashort Peptides Impacts on Molecular Self-Assembly, Hydrogelation, and Interaction with Small-Molecule Drugs. Scientific Reports, 2018, 8, 17127.	1.6	31
5	Bioprinting synthetic self-assembling peptide hydrogels for biomedical applications. Biomedical Materials (Bristol), 2016, 11, 014103.	1.7	54
6	Selfâ€Assembled Proteins and Peptides as Scaffolds for Tissue Regeneration. Advanced Healthcare Materials, 2015, 4, 2557-2586.	3.9	114
7	Peptide Bioink: Self-Assembling Nanofibrous Scaffolds for Three-Dimensional Organotypic Cultures. Nano Letters, 2015, 15, 6919-6925.	4.5	161
8	Creation of Consistent Burn Wounds: A Rat Model. Archives of Plastic Surgery, 2014, 41, 317-324.	0.4	63
9	Ultrashort peptide nanofibrous hydrogels for the acceleration of healing of burn wounds. Biomaterials, 2014, 35, 4805-4814.	5.7	157
10	From short peptides to nanofibers to macromolecular assemblies in biomedicine. Biotechnology Advances, 2012, 30, 593-603.	6.0	189
11	Comparative study of nanoparticle-mediated transfection in different GI epithelium co-culture models. Journal of Controlled Release, 2012, 160, 48-56.	4.8	38
12	Ultrasmall natural peptides self-assemble to strong temperature-resistant helical fibers in scaffolds suitable for tissue engineering. Nano Today, 2011, 6, 232-239.	6.2	102
13	Natural tri- to hexapeptides self-assemble in water to amyloid Î²-type fiber aggregates by unexpected Î±-helical intermediate structures. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1361-1366.	3.3	241
14	Transport of chitosanâ€“DNA nanoparticles in human intestinal M-cell model versus normal intestinal enterocytes. European Journal of Pharmaceutical Sciences, 2010, 39, 103-109.	1.9	92
15	Novel anisotropic engineered cardiac tissues: Studies of electrical propagation. Biochemical and Biophysical Research Communications, 2007, 361, 847-853.	1.0	117
16	356. Engineering of Cell Surface Sialic Acids for Polymeric Gene Delivery. Molecular Therapy, 2006, 13, S135-S136.	3.7	0