Yi Sun Choi

List of Publications by Year
in descending order

11	578	840585 11	1199470 12
papers	citations	h-index	g-index

14	14	14	508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microfluidic device with brain extracellular matrix promotes structural and functional maturation of human brain organoids. Nature Communications, 2021, 12, 4730.	5.8	164
2	Tissue extracellular matrix hydrogels as alternatives to Matrigel for culturing gastrointestinal organoids. Nature Communications, 2022, 13, 1692.	5.8	101
3	Fungal brain infection modelled in a human-neurovascular-unit-on-a-chip with a functional bloodâ€“brain barrier. Nature Biomedical Engineering, 2021, 5, 830-846.	11.6	83
4	Ascidianâ€Inspired Fastâ€Forming Hydrogel System for Versatile Biomedical Applications: Pyrogallol Chemistry for Dual Modes of Crosslinking Mechanism. Advanced Functional Materials, 2018, 28, 1705244.	7.8	68
5	Functional Skeletal Muscle Regeneration with Thermally Drawn Porous Fibers and Reprogrammed Muscle Progenitors for Volumetric Muscle Injury. Advanced Materials, 2021, 33, e2007946.	11.1	40
6	Tissue Beads: Tissueâ€Specific Extracellular Matrix Microbeads to Potentiate Reprogrammed Cellâ€Based Therapy. Advanced Functional Materials, 2019, 29, 1807803.	7.8	31
7	Mechanically-reinforced and highly adhesive decellularized tissue-derived hydrogel for efficient tissue repair. Chemical Engineering Journal, 2022, 427, 130926.	6.6	25
8	Reconstruction of Muscle Fascicleâ€Like Tissues by Anisotropic 3D Patterning. Advanced Functional Materials, 2021, 31, 2006227.	7.8	21
9	Decellularized Tissue Matrix for Stem Cell and Tissue Engineering. Advances in Experimental Medicine and Biology, 2018, 1064, 161-180.	0.8	18
10	Immunomodulatory Scaffolds Derived from Lymph Node Extracellular Matrices. ACS Applied Materials & Interfaces, 2021, 13, 14037-14049.	4.0	14
11	Intestinal extracellular matrix hydrogels to generate intestinal organoids for translational applications. Journal of Industrial and Engineering Chemistry, 2022, 107, 155-164.	2.9	12