

Yi Sun Choi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

578
citations

840585

11
h-index

1199470

12
g-index

14
all docs

14
docs citations

14
times ranked

508
citing authors

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