

Shangwu Chen

List of Publications by Year in descending order

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13
papers

630
citations

758635

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1125271

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1198
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#	ARTICLE	IF	CITATIONS
1	Facile Bead-to-Bead Cell-Transfer Method for Serial Subculture and Large-Scale Expansion of Human Mesenchymal Stem Cells in Bioreactors. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1329-1342.	1.6	13
2	Promoted Angiogenesis and Osteogenesis by Dexamethasone-loaded Calcium Phosphate Nanoparticles/Collagen Composite Scaffolds with Microgroove Networks. <i>Scientific Reports</i> , 2018, 8, 14143.	1.6	24
3	Biomimetic Assembly of Vascular Endothelial Cells and Muscle Cells in Microgrooved Collagen Porous Scaffolds. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 367-376.	1.1	27
4	IGF-2 coated porous collagen microwells for the culture of pancreatic islets. <i>Journal of Materials Chemistry B</i> , 2017, 5, 220-225.	2.9	13
5	3D Culture of Chondrocytes in Gelatin Hydrogels with Different Stiffness. <i>Polymers</i> , 2016, 8, 269.	2.0	160
6	Preparation of gelatin/Fe ₃ O ₄ composite scaffolds for enhanced and repeatable cancer cell ablation. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5664-5672.	2.9	31
7	Gelatin Scaffolds with Controlled Pore Structure and Mechanical Property for Cartilage Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 189-198.	1.1	82
8	Effect of high molecular weight hyaluronic acid on chondrocytes cultured in collagen/hyaluronic acid porous scaffolds. <i>RSC Advances</i> , 2015, 5, 94405-94410.	1.7	18
9	Engineering multi-layered skeletal muscle tissue by using 3D microgrooved collagen scaffolds. <i>Biomaterials</i> , 2015, 73, 23-31.	5.7	126
10	Collagen Scaffolds with Controlled Insulin Release and Controlled Pore Structure for Cartilage Tissue Engineering. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	24
11	Preparation of collagen porous scaffolds with controlled and sustained release of bioactive insulin. <i>Journal of Bioactive and Compatible Polymers</i> , 2014, 29, 95-109.	0.8	13
12	Highly active porous scaffolds of collagen and hyaluronic acid prepared by suppression of polyion complex formation. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5612-5619.	2.9	20
13	Microstructures and rheological properties of tilapia fish-scale collagen hydrogels with aligned fibrils fabricated under magnetic fields. <i>Acta Biomaterialia</i> , 2011, 7, 644-652.	4.1	79