

Cong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

434
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethanol production from sorghum by a microwave-assisted dilute ammonia pretreatment. <i>Bioresource Technology</i> , 2012, 110, 190-197.	9.6	91
2	Thermoreversible and Injectable ABC Polypeptoid Hydrogels: Controlling the Hydrogel Properties through Molecular Design. <i>Chemistry of Materials</i> , 2016, 28, 727-737.	6.7	70
3	Photoactivated miR-148b nanoparticle conjugates improve closure of critical size mouse calvarial defects. <i>Acta Biomaterialia</i> , 2015, 12, 166-173.	8.3	53
4	Targeting Calcium Magnesium Silicates for Polycaprolactone/Ceramic Composite Scaffolds. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 94-102.	5.2	36
5	Hybrid Synthetic-Biological Hydrogel System for Adipose Tissue Regeneration. <i>Macromolecular Bioscience</i> , 2018, 18, e1800122.	4.1	24
6	Thiol-acylate nanocomposite foams for critical size bone defect repair: A novel biomaterial. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101, 3531-3541.	4.0	22
7	In Vitro and In Vivo Characterization of Pentaerythritol Triacrylate-co-Trimethylolpropane Nanocomposite Scaffolds as Potential Bone Augments and Grafts. <i>Tissue Engineering - Part A</i> , 2015, 21, 320-331.	3.1	22
8	Polymer-mineral scaffold augments in vivo equine multipotent stromal cell osteogenesis. <i>Stem Cell Research and Therapy</i> , 2018, 9, 60.	5.5	21
9	Fabrication and characterization of cell sheets using methylcellulose and PNIPAAm thermoresponsive polymers: A comparison Study. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1346-1354.	4.0	18
10	Photocontrolled miR-148b nanoparticles cause apoptosis, inflammation and regression of Ras induced epidermal squamous cell carcinomas in mice. <i>Biomaterials</i> , 2020, 256, 120212.	11.4	16
11	Differentiation of Adipose Tissue-Derived CD34 ⁺ /CD31 ⁺ Cells into Endothelial Cells In Vitro. <i>Regenerative Engineering and Translational Medicine</i> , 2020, 6, 101-110.	2.9	12
12	Human Adipose-Derived Stromal/Stem Cell Isolation, Culture, and Osteogenic Differentiation. <i>Methods in Enzymology</i> , 2014, 538, 67-88.	1.0	11
13	Synthesis of novel polyesters for potential applications in skin tissue engineering. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 733-741.	3.2	9
14	Antimicrobial cytocompatible pentaerythritol triacrylate-co-trimethylolpropane composite scaffolds for orthopaedic implants. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	8
15	Fabrication and characterization of thiol-triacrylate polymer via Michael addition reaction for biomedical applications. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 015001.	3.3	8
16	Modulation of mesenchymal stem cell behavior by nano- and micro-sized β -tricalcium phosphate particles in suspension and composite structures. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	7
17	In Vitro characterization of polyesters of aconitic acid, glycerol, and cinnamic acid for bone tissue engineering. <i>Journal of Biomaterials Applications</i> , 2015, 29, 1075-1085.	2.4	6