

Cheryl Ann Miller

List of Publications by Year in descending order

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18
papers

385
citations

840776

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839539

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18
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729
citing authors

#	ARTICLE	IF	CITATIONS
1	Process Optimisation to Control the Physico-Chemical Characteristics of Biomimetic Nanoscale Hydroxyapatites Prepared Using Wet Chemical Precipitation. <i>Materials</i> , 2015, 8, 2297-2310.	2.9	57
2	Functionalised nanoscale coatings using layer-by-layer assembly for imparting antibacterial properties to polylactide-co-glycolide surfaces. <i>Acta Biomaterialia</i> , 2015, 21, 35-43.	8.3	53
3	Reinforcement of poly-l-lactic acid electrospun membranes with strontium borosilicate bioactive glasses for bone tissue engineering. <i>Acta Biomaterialia</i> , 2016, 44, 168-177.	8.3	53
4	Multilayer Nanoscale Encapsulation of Biofunctional Peptides to Enhance Bone Tissue Regeneration In Vivo. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601182.	7.6	53
5	Biocompatible silk fibroin scaffold prepared by reactive inkjet printing. <i>Journal of Materials Science</i> , 2016, 51, 8625-8630.	3.7	20
6	Characterization of a composite polylactic acid-hydroxyapatite 3D-printing filament for bone-regeneration. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 025007.	1.2	20
7	Comparison of nanoparticulate hydroxyapatite pastes of different particle content and size in a novel scapula defect model. <i>Scientific Reports</i> , 2017, 7, 43425.	3.3	19
8	Design and Properties of Novel Substituted Borosilicate Bioactive Glasses and Their Glass-Ceramic Derivatives. <i>Crystal Growth and Design</i> , 2016, 16, 3731-3740.	3.0	18
9	Reactive Inkjet Printing of Regenerated Silk Fibroin Films for Use as Dental Barrier Membranes. <i>Micromachines</i> , 2018, 9, 46.	2.9	17
10	Evaluation of reproducibility of the chemical solubility of dental ceramics using ISO 6872:2015. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 230-236.	2.8	14
11	Osteogenic Peptides and Attachment Methods Determine Tissue Regeneration in Modified Bone Graft Substitutes. <i>Journal of Functional Biomaterials</i> , 2021, 12, 22.	4.4	13
12	Preparation of Composite Electrospun Membranes Containing Strontium-Substituted Bioactive Glasses for Bone Tissue Regeneration. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 972-981.	3.6	11
13	Nanoscale Strontium-Substituted Hydroxyapatite Pastes and Gels for Bone Tissue Regeneration. <i>Nanomaterials</i> , 2021, 11, 1611.	4.1	10
14	Synthetic Hydroxyapatite Inhibits Bisphosphonate Toxicity to the Oral Mucosa In Vitro. <i>Materials</i> , 2020, 13, 2086.	2.9	9
15	Rapid Mix Preparation of Bioinspired Nanoscale Hydroxyapatite for Biomedical Applications. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	7
16	Effect of Demineralizing Agents on Organic and Inorganic Components of Dentine. <i>Caries Research</i> , 2021, 55, 521-533.	2.0	4
17	A Review Into the Effects of Pamidronic Acid and Zoledronic Acid on the Oral Mucosa in Medication-Related Osteonecrosis of the Jaw. <i>Frontiers in Oral Health</i> , 2021, 2, 822411.	3.0	4
18	Stimulation of Metabolic Activity and Cell Differentiation in Osteoblastic and Human Mesenchymal Stem Cells by a Nanohydroxyapatite Paste Bone Graft Substitute. <i>Materials</i> , 2022, 15, 1570.	2.9	3