

Meili Zhang

List of Publications by Year in descending order

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19
papers

990
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1505
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia-mimicking mesoporous bioactive glass scaffolds with controllable cobalt ion release for bone tissue engineering. <i>Biomaterials</i> , 2012, 33, 2076-2085.	11.4	393
2	Hydroxyapatite nanorods/poly(vinyl pyrrolidone) composite nanofibers, arrays and three-dimensional fabrics: Electrospun preparation and transformation to hydroxyapatite nanostructures. <i>Acta Biomaterialia</i> , 2010, 6, 3013-3020.	8.3	73
3	Preparation, characterization and in vitro angiogenic capacity of cobalt substituted β -tricalcium phosphate ceramics. <i>Journal of Materials Chemistry</i> , 2012, 22, 21686.	6.7	63
4	Hollow magnetic hydroxyapatite microspheres with hierarchically mesoporous microstructure for pH-responsive drug delivery. <i>CrystEngComm</i> , 2013, 15, 2999.	2.6	62
5	Surfactant-assisted sonochemical synthesis of hollow calcium silicate hydrate (CSH) microspheres for drug delivery. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 789-792.	8.2	59
6	Fabrication and Characterization of Hydroxyapatite/Wollastonite Composite Bioceramics with Controllable Properties for Hard Tissue Repair. <i>Journal of the American Ceramic Society</i> , 2011, 94, 99-105.	3.8	58
7	Biological responses of human bone marrow mesenchymal stem cells to Sr β -Si (M = Zn, Mg) silicate bioceramics. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2979-2990.	4.0	54
8	Anti-thrombogenic Surface Coatings for Extracorporeal Membrane Oxygenation: A Narrative Review. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4402-4419.	5.2	39
9	Effect of tricalcium aluminate on the properties of tricalcium silicate-tricalcium aluminate mixtures: setting time, mechanical strength and biocompatibility. <i>International Endodontic Journal</i> , 2011, 44, 41-50.	5.0	37
10	Preparation and characterization of a novel willemite bioceramic. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 1169-1173.	3.6	29
11	Preparation and characterization of Sr β -hardystonite (Sr ₂ ZnSi ₂ O ₇) for bone repair applications. <i>Materials Science and Engineering C</i> , 2012, 32, 184-188.	7.3	28
12	The influences of poly(lactic-co-glycolic acid) (PLGA) coating on the biodegradability, bioactivity, and biocompatibility of calcium silicate bioceramics. <i>Journal of Materials Science</i> , 2011, 46, 4986-4993.	3.7	23
13	Synthesis, <i>in vitro</i> hydroxyapatite forming ability, and cytocompatibility of strontium silicate powders. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 93B, 252-257.	3.4	17
14	Preparation, Characterization, and <i>In Vitro</i> Bioactivity of Nagelschmidite Bioceramics. <i>Journal of the American Ceramic Society</i> , 2013, 96, 928-934.	3.8	13
15	Effects of hydrolysis on dodecyl alcohol modified β -CaSiO ₃ particles and PDLLA/modified β -CaSiO ₃ composite films. <i>Composites Science and Technology</i> , 2009, 69, 2547-2553.	7.8	12
16	Extracorporeal Membrane Oxygenation-Induced Hemolysis: An In Vitro Study to Appraise Causative Factors. <i>Membranes</i> , 2021, 11, 313.	3.0	12
17	Investigation of heparin-loaded poly(ethylene glycol)-based hydrogels as anti-thrombogenic surface coatings for extracorporeal membrane oxygenation. <i>Journal of Materials Chemistry B</i> , 2022, 10, 4974-4983.	5.8	9
18	Surface Coatings for Rotary Ventricular Assist Devices: A Systematic Review. <i>ASAIO Journal</i> , 2022, 68, 623-632.	1.6	5

#	ARTICLE	IF	CITATIONS
19	In vitro dentine tubule occlusion by a novel toothpaste containing calcium silicate and sodium phosphate. Journal of Dentistry, 2020, 103, 100024.	4.1	4