

Chunlin Deng

List of Publications by Year in descending order

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19
papers

600
citations

840776

11
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

748
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes-loaded Electroconductive Hydrogel Synergistically Promotes Tissue Repair after Spinal Cord Injury via Immunoregulation and Enhancement of Myelinated Axon Growth. <i>Advanced Science</i> , 2022, 9, e2105586.	11.2	117
2	Effect of Hydroxyapatite Coating Surface Morphology on Adsorption Behavior of Differently Charged Proteins. <i>Journal of Bionic Engineering</i> , 2020, 17, 345-356.	5.0	20
3	A Tough and Self-Powered Hydrogel for Artificial Skin. <i>Chemistry of Materials</i> , 2019, 31, 9850-9860.	6.7	151
4	Competitive adsorption of bovine serum albumin and lysozyme on a beta-tricalcium phosphate nanocoating. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 582, 123860.	4.7	6
5	Influence of HIP Treatment on Mechanical Properties of Ti6Al4V Scaffolds Prepared by L-PBF Process. <i>Metals</i> , 2019, 9, 1267.	2.3	5
6	Synthesis and structure properties of Se and Sr co-doped hydroxyapatite and their biocompatibility. <i>Journal of Materials Science</i> , 2019, 54, 2514-2525.	3.7	32
7	Anchoring TGF- β 1 on biomaterial surface via affinitive interactions: Effects on spatial structures and bioactivity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 166, 254-261.	5.0	10
8	Blocking of matrix metalloproteinases-13 responsive peptide in poly(urethane urea) for potential cartilage tissue engineering applications. <i>Journal of Biomaterials Applications</i> , 2018, 32, 999-1010.	2.4	4
9	Elastic polyurethane bearing pendant TGF- β 1 affinity peptide for potential tissue engineering applications. <i>Materials Science and Engineering C</i> , 2018, 83, 67-77.	7.3	14
10	Preparation of a beta-tricalcium phosphate nanocoating and its protein adsorption behaviour by quartz crystal microbalance with dissipation technique. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 1-7.	5.0	11
11	Effects of mono- and di-valent metal cations on the morphology of lipid vesicles. <i>Chemistry and Physics of Lipids</i> , 2018, 217, 19-28.	3.2	6
12	A novel Fe(OH)3/g-C3N4 composite membrane for high efficiency water purification. <i>Journal of Membrane Science</i> , 2018, 564, 372-381.	8.2	41
13	Synthesis of hydroxyapatite nanoparticles using surface carboxyl-functionalized carbon dots as template. <i>Ceramics International</i> , 2018, 44, 16844-16850.	4.8	8
14	Crystal structure analysis of selenium-doped hydroxyapatite samples and their thermal stability. <i>Ceramics International</i> , 2017, 43, 16141-16148.	4.8	66
15	An in situ study of the deposition of a calcium phosphate mineralized layer on a silicon-substituted hydroxyapatite sensor modulated by bovine serum albumin using QCM-D technology. <i>Ceramics International</i> , 2016, 42, 18648-18656.	4.8	5
16	Effects of strontium substitution on the phase transformation and crystal structure of calcium phosphate derived by chemical precipitation. <i>Ceramics International</i> , 2016, 42, 11918-11923.	4.8	51
17	In vitro study of calcium phosphate layers on hydroxyapatite ceramics surface mineralized in different solutions. <i>Ceramics International</i> , 2016, 42, 1660-1665.	4.8	12
18	The effect of silicon doping on the transformation of amorphous calcium phosphate to silicon-substituted β -tricalcium phosphate by heat treatment. <i>Ceramics International</i> , 2016, 42, 883-890.	4.8	24

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19	Effect of silicon content on the surface morphology of silicon-substituted hydroxyapatite bio-ceramics treated by a hydrothermal vapor method. <i>Ceramics International</i> , 2014, 40, 14661-14667.	4.8	17