

Hamed Salimi-Kenari

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

362
citations

759233

12
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Dextran hydrogels incorporated with bioactive glass-ceramic: Nanocomposite scaffolds for bone tissue engineering. <i>Carbohydrate Polymers</i> , 2018, 190, 281-294.	10.2	71
2	Fabrication and characterization of dextran/nanocrystalline β -tricalcium phosphate nanocomposite hydrogel scaffolds. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 434-448.	7.5	46
3	Effects of chain length of the cross-linking agent on rheological and swelling characteristics of dextran hydrogels. <i>Carbohydrate Polymers</i> , 2018, 181, 141-149.	10.2	43
4	Full factorial design of experiments for preparation of crosslinked dextran microspheres. <i>Journal of Applied Polymer Science</i> , 2013, 127, 3712-3724.	2.6	19
5	Rheological Study and Molecular Dynamics Simulation of Biopolymer Blend Thermogels of Tunable Strength. <i>Biomacromolecules</i> , 2016, 17, 3474-3484.	5.4	18
6	Exploring the effect of formulation parameters on the particle size of carboxymethyl chitosan nanoparticles prepared via reverse micellar crosslinking. <i>Journal of Microencapsulation</i> , 2017, 34, 270-279.	2.8	18
7	Fabrication of a PANI/PANIPAN membrane using dual spinneret electrospinning followed by <i>in situ</i> polymerization for separation of oil-in-water emulsions. <i>New Journal of Chemistry</i> , 2020, 44, 13488-13500.	2.8	18
8	Study of biodegradable ceramic bone graft substitute. <i>Advances in Applied Ceramics</i> , 2008, 107, 199-202.	1.1	17
9	Mechanical behavior of a new biphasic calcium phosphate bone graft. <i>Biotechnology and Bioprocess Engineering</i> , 2008, 13, 204-209.	2.6	16
10	In vitro apatite formation of calcium phosphate composite synthesized from fish bone. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 1969-1978.	2.1	13
11	Effective parameters in determining cross-linked dextran microsphere characteristics: screening by Plackett-Burman design-of-experiments. <i>Journal of Microencapsulation</i> , 2013, 30, 599-611.	2.8	12
12	Oscillatory rheometric tracing of dextran crosslinking reaction in aqueous semidilute solutions: Effects of formulation on the gelation properties. <i>Polymer</i> , 2013, 54, 2999-3007.	3.8	12
13	Fabrication and physicochemical characterization of a novel magnetic nanocomposite scaffold: Electromagnetic field effect on biological properties. <i>Materials Science and Engineering C</i> , 2020, 116, 111222.	7.3	11
14	Interdroplet Interactions and Rheology of Concentrated Nanoemulsions for Templating Porous Polymers. <i>Langmuir</i> , 2021, 37, 76-89.	3.5	10
15	Synthesis and temperature-induced self-assembly of a positively charged symmetrical pentablock terpolymer in aqueous solutions. <i>European Polymer Journal</i> , 2017, 97, 158-168.	5.4	9
16	An engineering approach to design of dextran microgels size fabricated by water/oil emulsification. <i>Journal of Microencapsulation</i> , 2016, 33, 511-523.	2.8	7
17	Tunable viscoelastic features of aqueous mixtures of thermosensitive ethyl(hydroxyethyl)cellulose and cellulose nanowhiskers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 590, 124489.	4.7	6
18	Biological and bioactivity assessment of dextran nanocomposite hydrogel for bone regeneration. <i>Progress in Biomaterials</i> , 2021, 10, 271-280.	4.5	6

#	ARTICLE	IF	CITATIONS
19	Facile and simple synthesis of triethylenetetramine-modified mesoporous silica adsorbent for removal of Cd(II). Korean Journal of Chemical Engineering, 2019, 36, 37-47.	2.7	5
20	Purification assay to prepared ultrapure carboxymethyl-chitosan. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 605-611.	2.2	3
21	Influence of calcination parameters on the microstructure, magnetic and hyperthermia properties of Zn-Co ferrite nanoparticles. Journal of Electroceramics, 2022, 48, 157-168.	2.0	1
22	Effects of high viscosity ratio and interfacial tension on droplet formation. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	1.6	1
23	Exploring the Dependence of Magnetic and Structural Properties on Co-precipitated Replacement of Zn in CoFe ₂ O ₄ Nanoparticles. Journal of Electronic Materials, 2022, 51, 2552-2563.	2.2	0