

Shahriar Hojjati Emami

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

780
citations

567281

15
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1311
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic assisted self-assembly of chitosan based nanoparticles as drug delivery agents. Lab on A Chip, 2013, 13, 204-207.	6.0	121
2	Synthesis and characterization of an octaarginine functionalized graphene oxide nano-carrier for gene delivery applications. Physical Chemistry Chemical Physics, 2015, 17, 6328-6339.	2.8	80
3	Microfluidic synthesis of chitosan-based nanoparticles for fuel cell applications. Chemical Communications, 2012, 48, 7744.	4.1	71
4	Preparation and characterization of nanocomposite membranes made of poly(2,6-dimethyl-1,4-phenylene oxide) and montmorillonite for direct methanol fuel cells. Journal of Power Sources, 2008, 183, 551-556.	7.8	55
5	Enhanced osteogenic differentiation of stem cells via microfluidics synthesized nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1809-1819.	3.3	49
6	Dual-functionalized graphene oxide for enhanced siRNA delivery to breast cancer cells. Colloids and Surfaces B: Biointerfaces, 2016, 147, 315-325.	5.0	49
7	Nano-graphene oxide carboxylation for efficient bioconjugation applications: a quantitative optimization approach. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	47
8	Preparation and characterization of absorbable hemostat crosslinked gelatin sponges for surgical applications. Current Applied Physics, 2011, 11, 457-461.	2.4	46
9	Direct methanol fuel cell performance of sulfonated poly (2,6-dimethyl-1,4-phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 47 Energy, 2011, 36, 3688-3696.	7.1	39
10	Synthesis and characterization of glutaraldehyde-based crosslinked gelatin as a local hemostat sponge in surgery: An in vitro study. Bio-Medical Materials and Engineering, 2013, 23, 211-224.	0.6	37
11	A high-performance chitosan-based double layer proton exchange membrane with reduced methanol crossover. International Journal of Hydrogen Energy, 2011, 36, 6105-6111.	7.1	35
12	Preparation and Characterization of Agarose-Gelatin Blend Hydrogels as a Cell Encapsulation Matrix: An In-Vitro Study. Journal of Macromolecular Science - Physics, 2012, 51, 1606-1616.	1.0	26
13	Preparation and evaluation of chitosan-gelatin composite scaffolds modified with chondroitin-6-sulphate. International Journal of Materials Research, 2010, 101, 1281-1285.	0.3	23
14	Crosslinked poly(ethylene oxide) hydrogels. Journal of Applied Polymer Science, 2003, 88, 1451-1455.	2.6	20
15	Improved dispersibility of nano-graphene oxide by amphiphilic polymer coatings for biomedical applications. RSC Advances, 2016, 6, 77818-77829.	3.6	19
16	The effect of isopropanol addition on enhancement of transdermal controlled release of ibuprofen from ethylene vinyl acetate copolymer membranes. Journal of Applied Polymer Science, 2011, 122, 3048-3054.	2.6	14
17	Behaviour of human induced pluripotent stem cell-derived neural progenitors on collagen scaffolds varied in freezing temperature and laminin concentration. Cell Journal, 2014, 16, 53-62.	0.2	13
18	Preparation and Characterization of Polyurethane Microspheres Containing Theophylline. Journal of Bioactive and Compatible Polymers, 2006, 21, 341-349.	2.1	10

#	ARTICLE	IF	CITATIONS
19	A study of starch addition on burst effect and diameter of polyurethane microspheres containing theophylline. <i>Polymers for Advanced Technologies</i> , 2008, 19, 167-170.	3.2	10
20	Targeted and Controlled Drug Delivery to a Rat Model of Heart Failure Through a Magnetic Nanocomposite. <i>Annals of Biomedical Engineering</i> , 2020, 48, 709-721.	2.5	9
21	Degradable poly(ethylene oxide) hydrogels formed by crosslinking with tert-butylperoxybenzoate. <i>Journal of Polymer Science Part A</i> , 2003, 41, 520-527.	2.3	6
22	Biocompatible and Electroconductive Nanocomposite Scaffolds with Improved Piezoelectric Response for Bone Tissue Engineering. <i>International Journal of Polymer Science</i> , 2022, 2022, 1-10.	2.7	1