Mamoni Dash

List of Publications by Year
in descending order

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34 papers	3,827 citations	586496 16 h-index	563245 28 g-index
36 all docs	36 docs citations	36 times ranked	7537 citing authors

#	Article	IF	Citations
1	Biomimetic Nanosystems in Targeted Drug Delivery. , 2022, , 55-73.		1
2	Polymerâ€“Protein Hybrid Network Involving Mucin: A Mineralized Biomimetic Template for Bone Tissue Engineering. Macromolecular Bioscience, 2021, 21, e2000381.	2.1	4
3	Drug Delivery to the Bone Microenvironment Mediated by Exosomes: An Axiom or Enigma. International Journal of Nanomedicine, 2021, Volume 16, 3509-3540.	3.3	8
4	A Review on Re-Packaging of Bisphosphonates Using Biomaterials. Journal of Pharmaceutical Sciences, 2021, 110, 3757-3772.	1.6	4
5	Montmorillonite stabilized chitosan-co-mucin hydrogel for tissue engineering applications. RSC Advances, 2021, 11, 30329-30342.	1.7	5
6	Cell membrane coated nanocarriers - an efficient biomimetic platform for targeted therapy. Journal of Controlled Release, 2020, 327, 546-570.	4.8	121
7	Chitosan functionalized poly-Îµ-caprolactone electrospun fibers and 3D printed scaffolds as antibacterial materials for tissue engineering applications. Carbohydrate Polymers, 2018, 191, 127-135.	5.1	52
8	Oil-in-water emulsion impregnated electrospun poly(ethylene terephthalate) fiber mat as a novel tool for optical fiber cleaning. Journal of Colloid and Interface Science, 2018, 520, 64-69.	5.0	5
9	Ulvan-chitosan polyelectrolyte complexes as matrices for enzyme induced biomimetic mineralization. Carbohydrate Polymers, 2018, 182, 254-264.	5.1	49
10	Increased RNAi Efficacy in Spodoptera exigua via the Formulation of dsRNA With Guanylated Polymers. Frontiers in Physiology, 2018, 9, 316.	1.3	122
11	Enzymatically biomineralized chitosan scaffolds for tissue-engineering applications. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1500-1513.	1.3	23
12	RAFT/MADIX polymerization of N-vinylcaprolactam in waterâ€“ethanol solvent mixtures. Polymer Chemistry, 2017, 8, 2433-2437.	1.9	16
13	Cover Image, Volume 10, Issue 11. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, i-i.	1.3	0
14	Generation of composites for bone tissue-engineering applications consisting of gellan gum hydrogels mineralized with calcium and magnesium phosphate phases by enzymatic means. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, 938-954.	1.3	47
15	New antimicrobial chitosan derivatives for wound dressing applications. Carbohydrate Polymers, 2016, 141, 28-40.	5.1	143
16	Biomimetic Magnetic Silk Scaffolds. ACS Applied Materials & Interfaces, 2015, 7, 6282-6292.	4.0	52
17	Development, optimization and biological evaluation of chitosan scaffold formulations of new xanthine derivatives for treatment of type-2 diabetes mellitus. European Journal of Pharmaceutical Sciences, 2015, 77, 122-134.	1.9	25
18	Multilayered Magnetic Gelatin Membrane Scaffolds. ACS Applied Materials & Interfaces, 2015, 7, 23098-23109.	4.0	34

#	Article	IF	Citations
19	Cationic Polymers as Gene-Activated Matrices for Biomedical Applications. RSC Polymer Chemistry Series, 2014, , 438-462.	0.1	0
20	Cationic Polymers as Carriers through the Bloodâ€“Brain Barrier. RSC Polymer Chemistry Series, 2014, , 539-556.	0.1	2
21	Curing kinetics of step-index and graded-index single mode polymer self-written waveguides. Optical Materials Express, 2014, 4, 1324.	1.6	16
22	Enzymatic Mineralization of Silk Scaffolds. Macromolecular Bioscience, 2014, 14, 991-1003.	2.1	30
23	Preparation and characterization of hybrid nanoparticles based on chitosan and poly(methacryloylglycylglycine). Journal of Nanoparticle Research, 2014, 16, 1.	0.8	5
24	Silk/chitosan biohybrid hydrogels and scaffolds via green technology. RSC Advances, 2014, 4, 53547-53556.	1.7	35
25	Surface decorated poly(ester-ether-urethane)s nanoparticles: A versatile approach towards clinical translation. International Journal of Pharmaceutics, 2014, 475, 523-535.	2.6	8
26	Smart polymer hydrogels: properties, synthesis and applications. , 2014, , 237-270.		20
27	Biofunctionalization of Ulvan Scaffolds for Bone Tissue Engineering. ACS Applied Materials & Interfaces, 2014, 6, 3211-3218.	4.0	92
28	Silk microgels formed by proteolytic enzyme activity. Acta Biomaterialia, 2013, 9, 8192-8199.	4.1	14
29	Self-Written Waveguides for Field-Installable Fiber Connectors. , 2013, , .		3
30	Cationic polymers and their therapeutic potential. Chemical Society Reviews, 2012, 41, 7147.	18.7	588
31	Synthesis and characterization of semi-interpenetrating polymer network hydrogel based on chitosan and poly(methacryloylglycylglycine). Materials Chemistry and Physics, 2012, 135, 1070-1076.	2.0	22
32	Statistical approach to the spectroscopic determination of the deacetylation degree of chitins and chitosans. Carbohydrate Polymers, 2011, 86, 65-71.	5.1	13
33	Chitosanâ€”A versatile semi-synthetic polymer in biomedical applications. Progress in Polymer Science, 2011, 36, 981-1014.	11.8	2,262
34	Chitosan-Based Beads for Controlled Release of Proteins. , 2009, , 111-120.		6