Qizhi Chen

List of Publications by Year
in descending order

18	1,342	623574	887953
papers	citations	14 h-index	17 g-index

19	19	19	2233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Elastomeric biomaterials for tissue engineering. Progress in Polymer Science, 2013, 38, 584-671.	11.8	450
2	Bone tissue engineering scaffolding: computer-aided scaffolding techniques. Progress in Biomaterials, 2014, 3, 61-102.	1.8	233
3	Progress and challenges in biomaterials used for bone tissue engineering: bioactive glasses and elastomeric composites. Progress in Biomaterials, 2012, 1, 2.	1.8	175
4	Elastomeric nanocomposites as cell delivery vehicles and cardiac support devices. Soft Matter, 2010, 6, 4715.	1.2	65
5	Synthesis and characterisation of poly(glycerol sebacate)-co-lactic acid as surgical sealants. Soft Matter, 2011, 7, 6484.	1.2	59
6	Mechanically tissue-like elastomeric polymers and their potential as a vehicle to deliver functional cardiomyocytes. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 28, 354-365.	1.5	59
7	Non-linear elasticity of core/shell spun PGS/PLLA fibres and their effect on cell proliferation. Biomaterials, 2013, 34, 6306-6317.	5.7	47
8	A comparative study on poly(xylitol sebacate) and poly(glycerol sebacate): mechanical properties, biodegradation and cytocompatibility. Biomedical Materials (Bristol), 2013, 8, 035006.	1.7	39
9	Fabrication, mechanical properties and cytocompatibility of elastomeric nanofibrous mats of poly(glycerol sebacate). European Polymer Journal, 2015, 64, 79-92.	2.6	37
10	Simultaneous Photoinduced Silver Nanoparticles Formation and Cationic Polymerization of Divinyl Ethers. Macromolecules, 2011, 44, 4065-4071.	2.2	34
11	Optimization of Bioglass^{Â®} Scaffold Fabrication Process. Journal of the American Ceramic Society, 2011, 94, 4184-4190.	1.9	34
12	A comparative study on in vitro enzymatic degradation of poly(glycerol sebacate) and poly(xylitol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	28
13	Physical characterization of poly(glycerol sebacate)/Bioglass^{Â®} composites. Polymer International, 2012, 61, 17-22.	1.6	28
14	Enzymatic and oxidative degradation of poly(polyol sebacate). Journal of Biomaterials Applications, 2014, 28, 1138-1150.	1.2	22
15	Nanocomposite Elastomeric Biomaterials for Myocardial Tissue Engineering Using Embryonic Stem Cellâ€derived Cardiomyocytes. Advanced Engineering Materials, 2010, 12, B664.	1.6	13
16	Novel elastomeric fibrous networks produced from poly(xylitol sebacate) 2:5 by core/shell electrospinning: Fabrication and mechanical properties. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 40, 210-221.	1.5	11
17	Aligned core/shell electrospinning of poly(glycerol sebacate)/poly(<scp> l </scp> â€lactic acid) with tuneable structural and mechanical properties. Polymer International, 2016, 65, 423-429.	1.6	6
18	Stem Cell: Poly(Glycerol Sebacate) Patch for Cardiac Embryonic Cell Delivery. , 0, , 7577-7585.		0