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	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
2	Fabrication, mechanical properties and cytocompatibility of elastomeric nanofibrous mats of poly(glycerol sebacate). European Polymer Journal, 2015, 64, 79-92.	2.6	37
3	Enzymatic and oxidative degradation of poly(polyol sebacate). Journal of Biomaterials Applications, 2014, 28, 1138-1150.	1.2	22
4	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
5	Bone tissue engineering scaffolding: computer-aided scaffolding techniques. Progress in Biomaterials, 2014, 3, 61-102.	1.8	233
6	Non-linear elasticity of core/shell spun PGS/PLLA fibres and their effect on cell proliferation. Biomaterials, 2013, 34, 6306-6317.	5.7	47
7	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
8	Elastomeric biomaterials for tissue engineering. Progress in Polymer Science, 2013, 38, 584-671.	11.8	450
9	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
10	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
11	Progress and challenges in biomaterials used for bone tissue engineering: bioactive glasses and elastomeric composites. Progress in Biomaterials, 2012, 1, 2.	1.8	175
12	Physical characterization of poly(glycerol sebacate)/Bioglass^{Â®} composites. Polymer International, 2012, 61, 17-22.	1.6	28
13	Simultaneous Photoinduced Silver Nanoparticles Formation and Cationic Polymerization of Divinyl Ethers. Macromolecules, 2011, 44, 4065-4071.	2.2	34
14	Synthesis and characterisation of poly(glycerol sebacate)-co-lactic acid as surgical sealants. Soft Matter, 2011, 7, 6484.	1.2	59
15	Optimization of Bioglass^{Â®} Scaffold Fabrication Process. Journal of the American Ceramic Society, 2011, 94, 4184-4190.	1.9	34
16	Nanocomposite Elastomeric Biomaterials for Myocardial Tissue Engineering Using Embryonic Stem Cellâ€derived Cardiomyocytes. Advanced Engineering Materials, 2010, 12, B664.	1.6	13
17	Elastomeric nanocomposites as cell delivery vehicles and cardiac support devices. Soft Matter, 2010, 6, 4715.	1.2	65
18	Stem Cell: Poly(Glycerol Sebacate) Patch for Cardiac Embryonic Cell Delivery. , 0, , 7577-7585.		0