

# Biomedical applications of biodegradable polymers

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Citation Report

#	ARTICLE	IF	CITATIONS
1	DFT study of the Ring Opening Polymerization of $\hat{\mu}$ -caprolactone by grafted lanthanide complexes: 1â€”Effect of the grafting mode on the reactivity of borohydride complexes. Dalton Transactions, 2011, 40, 11211.	1.6	24
2	Tuning PEG-DA hydrogel properties via solvent-induced phase separation (SIPS). Journal of Materials Chemistry, 2011, 21, 18776.	6.7	18
3	DFT study of the Ring Opening Polymerization of $\hat{\mu}$ -caprolactone by grafted lanthanide complexes: 2â€”Effect of the initiator ligand. Dalton Transactions, 2011, 40, 11228.	1.6	23
4	$\hat{\mu}$ -Caprolactone-Based Macromonomers Suitable for Biodegradable Nanoparticles Synthesis through Free Radical Polymerization. Macromolecules, 2011, 44, 9205-9212.	2.2	90
5	DFT investigations on the ring-opening polymerization of cyclic carbonates catalyzed by zinc-{ $\hat{\mu}$ -diiminate} complexes. Polymer Chemistry, 2011, 2, 2564.	1.9	21
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7	Biodegradable Polymeric Assemblies for Biomedical Materials. Advances in Polymer Science, 2011, , 65-114.	0.4	49
8	Therapeutic Strategies Based on Polymeric Microparticles. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-9.	3.0	42
9	Nanostructured materials for bone tissue replacement. , 2012, , 599-623.		0
11	Bone Tissue Engineering: Recent Advances and Challenges. Critical Reviews in Biomedical Engineering, 2012, 40, 363-408.	0.5	1,758
12	Orthogonal Modification of Norbornene-Functional Degradable Polymers. ACS Macro Letters, 2012, 1, 1285-1290.	2.3	64
13	Poly[(ethylene oxide)- <i>co</i> -(methylene ethylene oxide)]: A hydrolytically degradable poly(ethylene) Tj ETQq1 1,0,784314,rgBT /O	2.3	49
14	Glycogen as a Biodegradable Construction Nanomaterial for in vivo Use. Macromolecular Bioscience, 2012, 12, 1731-1738.	2.1	25
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17	Microfluidic Generation and Selective Degradation of Biopolymer-Based Janus Microbeads. Biomacromolecules, 2012, 13, 1197-1203.	2.6	63
18	Synthesis and Functionalization of Thiol-Reactive Biodegradable Polymers. Macromolecules, 2012, 45, 1715-1722.	2.2	98
19	Comparative study of osteogenic potential of a composite scaffold incorporating either endogenous bone morphogenetic protein-2 or exogenous phytomolecule icaritin: An in vitro efficacy study. Acta Biomaterialia, 2012, 8, 3128-3137.	4.1	63

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21	VEGF-incorporated biomimetic poly(lactide-co-glycolide) sintered microsphere scaffolds for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 2187-2196.	1.6	40
22	Recent advances in metallo/organo-catalyzed immortal ring-opening polymerization of cyclic carbonates. <i>Catalysis Science and Technology</i> , 2012, 2, 898.	2.1	96
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129	Review of crosslinked and non-crosslinked copolyesters for tissue engineering and drug delivery. <i>Polymer International</i> , 2014, 63, 393-401.	1.6	9



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