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The in-vitro and in-vivo characterization of PLGA:L-PLA microspheres containing dexamethasone sodium phosphate

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Journal of Microencapsulation, 2001, 18, 603-12.

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#	Paper	IF	Citations
39	Biodegradable Polymer Grafts for Surgical Repair of the Injured Spinal Cord. <i>Neurosurgery</i> , 2002 , 51, 742-752	3.2	49
38	Growth of human endothelial cells on photochemically grafted Gly-Arg-Gly-Asp (GRGD) chitosans. <i>Biomaterials</i> , 2002 , 23, 4803-9	15.6	119
37	Dexamethasone-releasing biodegradable polymer scaffolds fabricated by a gas-foaming/salt-leaching method. <i>Biomaterials</i> , 2003 , 24, 2323-9	15.6	145
36	in vitro/in vivo evaluation of the efficiency of teicoplanin-loaded biodegradable microparticles formulated for implantation to infected bone defects. <i>Journal of Microencapsulation</i> , 2003 , 20, 705-717	3.4	24
35	Water-soluble betamethasone-loaded poly(lactide-co-glycolide) hollow microparticles as a sustained release dosage form. <i>Journal of Microencapsulation</i> , 2003 , 20, 349-359	3.4	20
34	In vitro/in vivo evaluation of the efficiency of teicoplanin-loaded biodegradable microparticles formulated for implantation to infected bone defects. <i>Journal of Microencapsulation</i> , 2003 , 20, 705-17	3.4	27
33	Molecular release from a polymeric microreservoir device: Influence of chemistry, polymer swelling, and loading on device performance. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 69, 502-12		20
32	Polymer microspheres for controlled drug release. <i>International Journal of Pharmaceutics</i> , 2004 , 282, 1-18	6.5	1013
31	In vitro characterization of vascular endothelial growth factor and dexamethasone releasing hydrogels for implantable probe coatings. <i>Biomaterials</i> , 2005 , 26, 3285-97	15.6	89
30	Controlled release of dexamethasone from microcapsules produced by polyelectrolyte layer-by-layer nanoassembly. <i>Pharmaceutical Research</i> , 2005 , 22, 826-35	4.5	98
29	Novel functionalized biodegradable polymers for nanoparticle drug delivery systems. <i>Biomacromolecules</i> , 2005 , 6, 1885-94	6.9	114
28	Adhesion dynamics, morphology, and organization of 3T3 fibroblast on chitosan and its derivative: the effect of O-carboxymethylation. <i>Biomacromolecules</i> , 2005 , 6, 2607-14	6.9	50
27	Poly (epsilon-caprolactone) grafted with nano-structured chitosan enhances growth of human dermal fibroblasts. <i>Artificial Organs</i> , 2006 , 30, 35-41	2.6	38
26	Methods to assess in vitro drug release from injectable polymeric particulate systems. <i>Pharmaceutical Research</i> , 2006 , 23, 460-74	4.5	196
25	Effect of poly(lactide-co-glycolide) molecular weight on the release of dexamethasone sodium phosphate from microparticles. <i>Journal of Microencapsulation</i> , 2007 , 24, 117-28	3.4	39
24	Polymer-surfactant nanoparticles for sustained release of water-soluble drugs. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 3379-89	3.9	82
23	Regulation of vascular smooth muscle cells on poly(ethylene terephthalate) film by O-carboxymethylchitosan surface immobilization. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 86, 467-76	5.4	12

22	Enhancing growth and proliferation of human gingival fibroblasts on chitosan grafted poly (epsilon-caprolactone) films is influenced by nano-roughness chitosan surfaces. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 397-404	4.5	22
21	Polymeric nanoparticles for siRNA delivery and gene silencing. <i>International Journal of Pharmaceutics</i> , 2009 , 367, 195-203	6.5	198
20	Preparation of chitosan scaffolds loaded with dexamethasone for tissue engineering applications using supercritical fluid technology. <i>European Polymer Journal</i> , 2009 , 45, 141-148	5.2	98
19	Dexamethasone-loaded scaffolds prepared by supercritical-assisted phase inversion. <i>Acta Biomaterialia</i> , 2009 , 5, 2054-62	10.8	77
18	Atorvastatin efficiency after traumatic brain injury in rats. <i>World Neurosurgery</i> , 2009 , 72, 146-52; discussion 152		25
17	Physicochemical properties of extruded and non-extruded liposomes containing the hydrophobic drug dexamethasone. <i>International Journal of Pharmaceutics</i> , 2010 , 388, 181-9	6.5	82
16	Osteogenic induction of hBMSCs by electrospun scaffolds with dexamethasone release functionality. <i>Biomaterials</i> , 2010 , 31, 5875-85	15.6	144
15	A pH-sensitive molecularly imprinted nanospheres/hydrogel composite as a coating for implantable biosensors. <i>Biomaterials</i> , 2010 , 31, 4944-51	15.6	97
14	Incorporation, Release, and Effectiveness of Dexamethasone in Poly(Lactic-Co-Glycolic Acid) Nanoparticles for Inner Ear Drug Delivery. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2011 , 2,		7
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12	Biocompatible materials for continuous glucose monitoring devices. <i>Chemical Reviews</i> , 2013 , 113, 2528-48.1	48.1	221
11	Investigation of the colon-targeting, improvement on the side-effects and therapy on the experimental colitis in mouse of a resin microcapsule loading dexamethasone sodium phosphate. <i>Drug Delivery</i> , 2016 , 23, 1992-2002	7	8
10	Improvement of side-effects and treatment on the experimental colitis in mice of a resin microcapsule-loading hydrocortisone sodium succinate. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 448-457	3.6	2
9	A Snapshot on the Current Status of Alzheimer's Disease, Treatment Perspectives, in-Vitro and in-Vivo Research Studies and Future Opportunities. <i>Chemical and Pharmaceutical Bulletin</i> , 2019 , 67, 1030-1041	1.9	4
8	Dexamethasone-loaded Cyclodextrin for osteogenic induction of mesenchymal stem/progenitor cells and bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2021 , 109, 1125-1135	5.4	0
7	Bioactivity and Drug Release Study of Dexamethasone Loaded Bioglass/Chitosan Composites for Biomedical Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 2779	3.2	5
6	Nanotherapeutics in Neuropathologies: Obstacles, Challenges and Recent Advancements in CNS Targeted Drug Delivery Systems. <i>Current Neuropharmacology</i> , 2021 , 19, 693-710	7.6	1
5	Inhibition of the p-SPAK/p-NKCC1 signaling pathway protects the blood-brain barrier and reduces neuronal apoptosis in a rat model of surgical brain injury. <i>Molecular Medicine Reports</i> , 2021 , 24,	2.9	0

4	Drug delivery to brain by microparticulate systems. <i>Advances in Experimental Medicine and Biology</i> , 2004 , 553, 221-30	3.6	9
3	Biodegradable Polymer Grafts for Surgical Repair of the Injured Spinal Cord. <i>Neurosurgery</i> , 2002 , 51, 742-752	3.2	32
2	Drug Delivery of Corticosteroids.		0
1	Design and characterization of dexamethasone loaded microsponges for the management of ulcerative colitis. 2023 , 187, 34-45		0