

Rosa Olmo

List of Publications by Year in descending order

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42
papers

813
citations

471061

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525886

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times ranked

1060
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatibility studies of intravenously administered ionic-crosslinked chitosan-BSA nanoparticles as vehicles for antitumour drugs. <i>International Journal of Pharmaceutics</i> , 2019, 554, 337-351.	2.6	18
2	Improved antitumor effect of paclitaxel administered in vivo as pH and glutathione-sensitive nanohydrogels. <i>International Journal of Pharmaceutics</i> , 2015, 492, 10-19.	2.6	12
3	Biocompatibility evaluation of pH and glutathione-responsive nanohydrogels after intravenous administration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 222-231.	2.5	15
4	In-vivo evaluation of tamoxifen-loaded microspheres based on mixtures of poly (D,L-lactide-co-glycolide) and poly (D,L-lactide) polymers. <i>Anti-Cancer Drugs</i> , 2014, 25, 641-651.	0.7	3
5	Folate-Targeted Nanoparticles Based on Albumin and Albumin/Alginate Mixtures as Controlled Release Systems of Tamoxifen: Synthesis and In Vitro Characterization. <i>Pharmaceutical Research</i> , 2014, 31, 182-193.	1.7	23
6	pH and glutathion-responsive hydrogel for localized delivery of paclitaxel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 247-256.	2.5	31
7	Synthesis and characterisation of alginate/chitosan nanoparticles as tamoxifen controlled delivery systems. <i>Journal of Microencapsulation</i> , 2013, 30, 398-408.	1.2	18
8	Tamoxifen-loaded nanoparticles based on a novel mixture of biodegradable polyesters: characterization and <i>in vitro</i> evaluation as sustained release systems. <i>Journal of Microencapsulation</i> , 2012, 29, 309-322.	1.2	12
9	Modulation of Lysozyme Activity by Lead Administered by Different Routes. In Vitro Study and Analysis in Blood, Kidney, and Lung. <i>Biological Trace Element Research</i> , 2012, 149, 405-411.	1.9	10
10	Synthesis and <i>in vitro</i> biological evaluation as antitumour drug carriers of folate-targeted N-isopropylacrylamide-based nanohydrogels. <i>Polymer International</i> , 2012, 61, 1202-1212.	1.6	6
11	In Vitro and In Vivo Evaluation of a Folate-Targeted Copolymeric Submicrohydrogel Based on N-Isopropylacrylamide as 5-Fluorouracil Delivery System. <i>Polymers</i> , 2011, 3, 1107-1125.	2.0	27
12	Study of Response of Thymic and Submaxillary Lymph Node Lymphocytes to Administration of Lead by Different Routes. <i>Biological Trace Element Research</i> , 2010, 135, 74-85.	1.9	1
13	Tamoxifen-loaded folate-conjugate poly[(<i>p</i> -nitrophenyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (acrylate)â€¦ <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 95A, 1028-1040.	2.1	12
14	Swelling properties of copolymeric hydrogels of poly(ethylene glycol) monomethacrylate and monoesters of itaconic acid for use in drug delivery. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 91B, 716-726.	1.6	7
15	Preparation and characterization of nanoparticulate poly(N-isopropylacrylamide) hydrogel for the controlled release of anti-tumour drugs. <i>Polymer International</i> , 2008, 57, 1215-1225.	1.6	34
16	Ketotifen-Loaded Microspheres Prepared by Spray-Drying Poly (D,L-Lactide) and Poly(D,L-Lactide-co-Glycolide) Polymers: Characterization and In Vivo Evaluation. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 3153-3169.	1.6	18
17	5-Fluorouracil plasma levels and biodegradation of subcutaneously injected drug-loaded microspheres prepared by spray-drying poly(d,l-lactide) and poly(d,l-lactide-co-glycolide) polymers. <i>International Journal of Pharmaceutics</i> , 2007, 338, 180-190.	2.6	56
18	Degradation behaviour of microspheres prepared by spray-drying poly(d,l-lactide) and poly(d,l-lactide-co-glycolide) polymers. <i>International Journal of Pharmaceutics</i> , 2006, 326, 139-147.	2.6	64

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19	Low Doses of Lead: Effects on Reproduction and Development in Rats. <i>Biological Trace Element Research</i> , 2006, 111, 151-166.	1.9	14
20	Effect of the crosslinking degree and the nickel salt load on the thermal decomposition of poly(2-hydroxyethyl methacrylate) hydrogels and on the metal release from them. <i>Journal of Colloid and Interface Science</i> , 2006, 295, 393-400.	5.0	22
21	Structural and functional implications of the hexokinase-nickel interaction. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 2395-2402.	1.5	7
22	5-Fluorouracil-loaded microspheres prepared by spray-drying poly(D,L-lactide) and poly(lactide-co-glycolide) polymers: Characterization and drug release. <i>Journal of Microencapsulation</i> , 2005, 22, 671-682.	1.2	40
23	Preparation and characterization of 5-fluorouracil-loaded poly(ϵ -caprolactone) microspheres for drug administration. <i>Drug Development Research</i> , 2004, 63, 41-53.	1.4	40
24	Cytarabine release from comatrices of albumin microspheres in a poly(lactide-co-glycolide) film: in vitro and in vivo studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 57, 225-233.	2.0	23
25	Effects of lead administration at low doses by different routes on rat spleens. Study of response of splenic lymphocytes and tissue lysozyme. <i>Toxicology</i> , 2003, 191, 245-258.	2.0	20
26	Preparation of bupivacaine-loaded poly(ϵ -caprolactone) microspheres by spray drying: drug release studies and biocompatibility. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 55, 229-236.	2.0	58
27	Delivery of bupivacaine included in poly(acrylamide-co-monomethyl itaconate) hydrogels as a function of the pH swelling medium. <i>Journal of Applied Polymer Science</i> , 2002, 86, 327-334.	1.3	25
28	Studies of cadmium binding to hexokinase: structural and functional implications. <i>Journal of Inorganic Biochemistry</i> , 2002, 89, 107-114.	1.5	12
29	Effect of Cadmium Acetate on the Conformation of Lysozyme: Functional Implications. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2001, 16, 65-80.	0.5	7
30	Lead-yeast hexokinase interaction: modifications to protein structure caused by the metal. <i>Polymer International</i> , 2001, 50, 822-827.	1.6	5
31	Chitosan microspheres in PLG films as devices for cytarabine release. <i>International Journal of Pharmaceutics</i> , 2000, 202, 29-39.	2.6	58
32	Analysis of aluminum-yeast hexokinase interaction: modifications on protein structure and functionality. <i>The Protein Journal</i> , 2000, 19, 199-208.	1.1	12
33	In vitro controlled release of bupivacaine from albumin microspheres and a co-matrix formed by microspheres in a poly(lactide-co-glycolide) film. <i>Journal of Microencapsulation</i> , 2000, 17, 721-731.	1.2	11
34	Modifications induced by zinc, cadmium and mercury acetates on hexokinase in aqueous solutions. <i>Polymer International</i> , 1998, 47, 179-185.	1.6	4
35	Influence of the Lysozyme-LiCl Interaction in Aqueous Solution on Protein Conformation and Function. <i>Polymer International</i> , 1997, 42, 218-224.	1.6	7
36	Viscosity Behaviour of Poly(N-vinyl-2-pyrrolidone) in a Water/VOSO ₄ Binary Mixture: Preferential Interactions. <i>Polymer International</i> , 1997, 42, 245-250.	1.6	7

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37	Release of 5-fluorouracil from poly(acrylamide-co-monopropyl itaconate) hydrogels. Biomedical Applications, 1996, 680, 243-253.	1.7	27
38	Preferential interactions of poly(N-vinyl-2-pyrrolidone) in the binary mixture water/CdCl ₂ . Polymer International, 1995, 36, 345-351.	1.6	6
39	Preferential interactions in the H ₂ O/lysozyme/AlCl ₃ system. Journal of Inorganic Biochemistry, 1995, 57, 293-304.	1.5	10
40	l-Ascorbic acid release from pHEMA hydrogels. Polymer Bulletin, 1993, 31, 577-584.	1.7	23
41	Viscometric, densimetric, and spectrophotometric study of lysozyme-Zn(II) and lysozyme-Hg(II) interactions. Journal of Inorganic Biochemistry, 1992, 47, 89-97.	1.5	8
42	Evolution of weight and zinc level in thymus and spleen of rats after zinc treatment. Toxicological and Environmental Chemistry, 1991, 33, 231-237.	0.6	0