Rosa Olmo

List of Publications by Year
in descending order

42	813	471061 17	525886 27
papers	citations	h-index	g-index

43	43	43	1060
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Degradation behaviour of microspheres prepared by spray-drying poly(d,l-lactide) and poly(d,l-lactide-co-glycolide) polymers. International Journal of Pharmaceutics, 2006, 326, 139-147.	2.6	64
2	Chitosan microspheres in PLG films as devices for cytarabine release. International Journal of Pharmaceutics, 2000, 202, 29-39.	2.6	58
3	Preparation of bupivacaine-loaded poly(É-caprolactone) microspheres by spray drying: drug release studies and biocompatibility. European Journal of Pharmaceutics and Biopharmaceutics, 2003, 55, 229-236.	2.0	58
4	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. International Journal of Pharmaceutics, 2007, 338, 180-190.	2.6	56
5	Preparation and characterization of 5-fluorouracil-loaded poly(Ïµ-caprolactone) microspheres for drug administration. Drug Development Research, 2004, 63, 41-53.	1.4	40
6	5-Fluorouracil-loaded microspheres prepared by spray-drying poly(D,L-lactide) and poly(lactide-co-glycolide) polymers: Characterization and drug release. Journal of Microencapsulation, 2005, 22, 671-682.	1.2	40
7	Preparation and characterization of nanoparticulate poly(Nâ€isopropylacrylâ€•amide) hydrogel for the controlled release of antiâ€tumour drugs. Polymer International, 2008, 57, 1215-1225.	1.6	34
8	pH and glutathion-responsive hydrogel for localized delivery of paclitaxel. Colloids and Surfaces B: Biointerfaces, 2014, 116, 247-256.	2.5	31
9	Release of 5-fluorouracil from poly(acrylamide-co-monopropyl itaconate) hydrogels. Biomedical Applications, 1996, 680, 243-253.	1.7	27
10	In Vitro and In Vivo Evaluation of a Folate-Targeted Copolymeric Submicrohydrogel Based on N-Isopropylacrylamide as 5-Fluorouracil Delivery System. Polymers, 2011, 3, 1107-1125.	2.0	27
11	Delivery of bupivacaine included in poly(acrylamide-co-monomethyl itaconate) hydrogels as a function of the pH swelling medium. Journal of Applied Polymer Science, 2002, 86, 327-334.	1.3	25
12	l-Ascorbic acid release from phema hydrogels. Polymer Bulletin, 1993, 31, 577-584.	1.7	23
13	Cytarabine release from comatrices of albumin microspheres in a poly(lactideâ€“co-glycolide) film: in vitro and in vivo studies. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 57, 225-233.	2.0	23
14	Folate-Targeted Nanoparticles Based on Albumin and Albumin/Alginate Mixtures as Controlled Release Systems of Tamoxifen: Synthesis and In Vitro Characterization. Pharmaceutical Research, 2014, 31, 182-193.	1.7	23
15	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. Journal of Colloid and Interface Science, 2006, 295, 393-400.	5.0	22
16	Effects of lead administration at low doses by different routes on rat spleens. Study of response of splenic lymphocytes and tissue lysozyme. Toxicology, 2003, 191, 245-258.	2.0	20
17	Ketotifen-Loaded Microspheres Prepared by Spray-Drying Poly (D,L-Lactide) and Poly(D,L-Lactide-co-Glycolide) Polymers: Characterization and In Vivo Evaluation. Journal of Pharmaceutical Sciences, 2008, 97, 3153-3169.	1.6	18
18	Synthesis and characterisation of alginate/chitosan nanoparticles as tamoxifen controlled delivery systems. Journal of Microencapsulation, 2013, 30, 398-408.	1.2	18

#	Article	IF	Citations
19	Biocompatibility studies of intravenously administered ionic-crosslinked chitosan-BSA nanoparticles as vehicles for antitumour drugs. International Journal of Pharmaceutics, 2019, 554, 337-351.	2.6	18
20	Biocompatibility evaluation of pH and glutathione-responsive nanohydrogels after intravenous administration. Colloids and Surfaces B: Biointerfaces, 2015, 136, 222-231.	2.5	15
21	Low Doses of Lead: Effects on Reproduction and Development in Rats. Biological Trace Element Research, 2006, 111, 151-166.	1.9	14
22	Analysis of aluminum-yeast hexokinase interaction: modifications on protein structure and functionality. The Protein Journal, 2000, 19, 199-208.	1.1	12
23	Studies of cadmium binding to hexokinase: structural and functional implications. Journal of Inorganic Biochemistry, 2002, 89, 107-114.	1.5	12
24	Tamoxifenâ€loaded folateâ€conjugate poly[(pâ€nitrophenyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (acrylate)â€coJournal of Biomedical Materials Research - Part A, 2010, 95A, 1028-1040.	2.1	12
25	Tamoxifen-loaded nanoparticles based on a novel mixture of biodegradable polyesters: characterization andin vitroevaluation as sustained release systems. Journal of Microencapsulation, 2012, 29, 309-322.	1.2	12
26	Improved antitumor effect of paclitaxel administered in vivo as pH and glutathione-sensitive nanohydrogels. International Journal of Pharmaceutics, 2015, 492, 10-19.	2.6	12
27	In vitro controlled release of bupivacaine from albumin microspheres and a co-matrix formed by microspheres in a poly(lactide-co-glycolide) film. Journal of Microencapsulation, 2000, 17, 721-731.	1.2	11
28	Preferential interactions in the H2O/lysozyme/AlCl3 system. Journal of Inorganic Biochemistry, 1995, 57, 293-304.	1.5	10
29	Modulation of Lysozyme Activity by Lead Administered by Different Routes. In Vitro Study and Analysis in Blood, Kidney, and Lung. Biological Trace Element Research, 2012, 149, 405-411.	1.9	10
30	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
31	Influence of the Lysozyme-LiCl Interaction in Aqueous Solution on Protein Conformation and Function. Polymer International, 1997, 42, 218-224.	1.6	7
32	Viscosity Behaviour of Poly(N-vinyl-2-pyrrolidone) in a Water/VOSO4Binary Mixture: Preferential Interactions. Polymer International, 1997, 42, 245-250.	1.6	7
33	Effect of Cadmium Acetate on the Conformation of Lysozyme: Functional Implications. Journal of Enzyme Inhibition and Medicinal Chemistry, 2001, 16, 65-80.	0.5	7
34	Structural and functional implications of the hexokinaseâ€“nickel interaction. Journal of Inorganic Biochemistry, 2005, 99, 2395-2402.	1.5	7
35	Swelling properties of copolymeric hydrogels of poly(ethylene glycol) monomethacrylate and monoesters of itaconic acid for use in drug delivery. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 716-726.	1.6	7
36	Preferential interactions of poly(N-vinyl-2-pyrrolidone) in the binary mixture water/CdCl2. Polymer International, 1995, 36, 345-351.	1.6	6

#	Article	IF	Citations
37	Synthesis and in vitro biological evaluation as antitumour drug carriers of folateâ€targeted Nâ€isopropylacrylamideâ€based nanohydrogels. Polymer International, 2012, 61, 1202-1212.	1.6	6
38	Lead-yeast hexokinase interaction: modifications to protein structure caused by the metal. Polymer International, 2001, 50, 822-827.	1.6	5
39	Modifications induced by zinc, cadmium and mercury acetates on hexokinase in aqueous solutions. Polymer International, 1998, 47, 179-185.	1.6	4
40	In-vivo evaluation of tamoxifen-loaded microspheres based on mixtures of poly (D,L-lactide-co-glycolide) and poly (D,L-lactide) polymers. Anti-Cancer Drugs, 2014, 25, 641-651.	0.7	3
41	Study of Response of Thymic and Submaxillary Lymph Node Lymphocytes to Administration of Lead by Different Routes. Biological Trace Element Research, 2010, 135, 74-85.	1.9	1
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