Lisa Brannon-Peppas

List of Publications by Year
in descending order

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26 papers	6,708 citations	279487 23 h-index	610482 24 g-index
26 all docs	26 docs citations	26 times ranked	9666 citing authors

#	Article	IF	Citations
1	Nanoparticle and targeted systems for cancer therapy. Advanced Drug Delivery Reviews, 2004, 56, 1649-1659.	6.6	1,799
2	Active targeting schemes for nanoparticle systems in cancer therapeutics. Advanced Drug Delivery Reviews, 2008, 60, 1615-1626.	6.6	1,498
3	Mechanical properties of hydrogels and their experimental determination. Biomaterials, 1996, 17, 1647-1657.	5.7	980
4	Recent advances on the use of biodegradable microparticles and nanoparticles in controlled drug delivery. International Journal of Pharmaceutics, 1995, 116, 1-9.	2.6	473
5	Equilibrium swelling behavior of pH-sensitive hydrogels. Chemical Engineering Science, 1991, 46, 715-722.	1.9	458
6	Doxorubicin-loaded PLGA nanoparticles by nanoprecipitation: preparation, characterization andinÂvitroevaluation. Nanomedicine, 2007, 2, 219-232.	1.7	209
7	Solute and penetrant diffusion in swellable polymers. IX. The mechanisms of drug release from ph-sensitive swelling-controlled systems. Journal of Controlled Release, 1989, 8, 267-274.	4.8	203
8	Dynamic and equilibrium swelling behaviour of pH-sensitive hydrogels containing 2-hydroxyethyl methacrylate. Biomaterials, 1990, 11, 635-644.	5.7	172
9	Micro- and nanofabrication methods in nanotechnological medical and pharmaceutical devices. International Journal of Nanomedicine, 2006, 1, 483-495.	3.3	127
10	PEGylation strategies for active targeting of PLA/PLGA nanoparticles. Journal of Biomedical Materials Research - Part A, 2009, 91A, 263-276.	2.1	115
11	Preparation of interpenetrating networks of gelatin and dextran as degradable biomaterials. Biomaterials, 2000, 21, 2019-2023.	5.7	112
12	Equilibrium swelling behavior of dilute ionic hydrogels in electrolytic solutions. Journal of Controlled Release, 1991, 16, 319-329.	4.8	79
13	Optimization of Preparation Techniques for Poly(Lactic Acid-Co-Glycolic Acid) Nanoparticles. Journal of Nanoparticle Research, 2000, 2, 173-181.	0.8	63
14	Poly(Lactic-co-Glycolic) Acid as a Carrier for Imaging Contrast Agents. Pharmaceutical Research, 2009, 26, 674-682.	1.7	63
15	Silver nanosystems for photoacoustic imaging and image-guided therapy. Journal of Biomedical Optics, 2010, 15, 1.	1.4	57
16	Preparation and initial characterization of biodegradable particles containing gadolinium-DTPA contrast agent for enhanced MRI. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17232-17237.	3.3	51
17	Time-dependent response of ionic polymer networks to pH and ionic strength changes. International Journal of Pharmaceutics, 1991, 70, 53-57.	2.6	44
18	Encapsulation of Nucleic Acids and Opportunities for Cancer Treatment. Pharmaceutical Research, 2007, 24, 618-627.	1.7	36

#	Article	IF	Citations
19	Structural analysis of charged polymeric networks. Polymer Bulletin, 1988, 20, 285.	1.7	32
20	Hydrogels at critical conditions. Part 1. Thermodynamics and swelling behavior. Journal of Membrane Science, 1990, 48, 281-290.	4.1	30
21	Controlled Release in the Food and Cosmetics Industries. ACS Symposium Series, 1993, , 42-52.	0.5	30
22	Molecular weight distribution changes during degradation and release of PLGA nanoparticles containing epirubicin HCl. Journal of Biomaterials Science, Polymer Edition, 2003, 14, 87-102.	1.9	30
23	Rhodamine-loaded poly(lactic-co-glycolic acid) nanoparticles for investigation of inÂvitro interactions with breast cancer cells. Journal of Materials Science: Materials in Medicine, 2009, 20, 387-395.	1.7	26
24	Design and mathematical analysis of controlled release from microsphere-containing polymeric implants. Journal of Controlled Release, 1992, 20, 201-207.	4.8	11
25	Controlled Release and Nanotechnology. , 2009, , 283-312.		10
26	Polymeric Nanoparticles for Tumor-Targeted Drug Delivery. , 2006, , 215-229.		0