Beata Chertok

List of Publications by Year
in descending order

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18 papers	1,983 citations	567144 15 h-index	839398 18 g-index
18 all docs	18 docs citations	18 times ranked	3720 citing authors

#	Article	IF	Citations
1	Iron oxide nanoparticles as a drug delivery vehicle for MRI monitored magnetic targeting of brain tumors. Biomaterials, 2008, 29, 487-496.	5.7	806
2	Polyethyleneimine-modified iron oxide nanoparticles for brain tumor drug delivery using magnetic targeting and intra-carotid administration. Biomaterials, 2010, 31, 6317-6324.	5.7	334
3	Brain tumor targeting of magnetic nanoparticles for potential drug delivery: Effect of administration route and magnetic field topography. Journal of Controlled Release, 2011, 155, 393-399.	4.8	118
4	Gum Arabic-Coated Magnetic Nanoparticles for Potential Application in Simultaneous Magnetic Targeting and Tumor Imaging. AAPS Journal, 2009, 11, 693-9.	2.2	110
5	Glioma selectivity of magnetically targeted nanoparticles: A role of abnormal tumor hydrodynamics. Journal of Controlled Release, 2007, 122, 315-323.	4.8	80
6	Drug Delivery Interfaces in the 21st Century: From Science Fiction Ideas to Viable Technologies. Molecular Pharmaceutics, 2013, 10, 3531-3543.	2.3	78
7	Comparison of Electron Spin Resonance Spectroscopy and Inductively-Coupled Plasma Optical Emission Spectroscopy for Biodistribution Analysis of Iron-Oxide Nanoparticles. Molecular Pharmaceutics, 2010, 7, 375-385.	2.3	75
8	Circulating Magnetic Microbubbles for Localized Real-Time Control of Drug Delivery by Ultrasonography-Guided Magnetic Targeting and Ultrasound. Theranostics, 2018, 8, 341-357.	4.6	57
9	Magnetically-enabled and MR-monitored selective brain tumor protein delivery in rats via magnetic nanocarriers. Biomaterials, 2011, 32, 6245-6253.	5.7	49
10	Substantiating in vivo magnetic brain tumor targeting of cationic iron oxide nanocarriers via adsorptive surface masking. Biomaterials, 2009, 30, 6780-6787.	5.7	46
11	Magnetic Nanoparticles for Tumor Imaging and Therapy: A So-Called Theranostic System. Pharmaceutical Research, 2013, 30, 2445-2458.	1.7	45
12	A combined theoretical and in vitro modeling approach for predicting the magnetic capture and retention of magnetic nanoparticles in vivo. Journal of Controlled Release, 2011, 152, 67-75.	4.8	44
13	Spatial Control of Gene Expression by Nanocarriers Using Heparin Masking and Ultrasound-Targeted Microbubble Destruction. ACS Nano, 2016, 10, 7267-7278.	7.3	40
14	Magnetic Nanoparticles for MRI of Brain Tumors. Current Pharmaceutical Biotechnology, 2012, 13, 2403-2416.	0.9	35
15	Size-Controlled Iron Oxide Nanoplatforms with Lipidoid-Stabilized Shells for Efficient Magnetic Resonance Imaging-Trackable Lymph Node Targeting and High-Capacity Biomolecule Display. ACS Applied Materials & Interfaces, 2018, 10, 20281-20295.	4.0	28
16	The Content of CpG-DNA in Antigen-CpG Conjugate Vaccines Determines Their Cross-Presentation Activity. Bioconjugate Chemistry, 2019, 30, 561-567.	1.8	16
17	Immobilized thermolysin for highly efficient production of lowâ€molecularâ€weight protamineâ€”An attractive cellâ€penetrating peptide for macromolecular drug delivery applications. Journal of Biomedical Materials Research - Part A, 2012, 100A, 211-219.	2.1	13
18	Indirect Low-Intensity Ultrasonic Stimulation for Tissue Engineering. Journal of Tissue Engineering, 2010, 1, 973530.	2.3	9