

List of Publications by Year in descending order

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25
papers

2,208
citations

471509

17
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

4142
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle-Mediated X-Ray Radiation Enhancement for Cancer Therapy. <i>Methods in Molecular Biology</i> , 2017, 1530, 391-401.	0.9	13
2	Nanoformulation of Olaparib Amplifies PARP Inhibition and Sensitizes <i>PTEN/TP53</i> -Deficient Prostate Cancer to Radiation. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1279-1289.	4.1	37
3	Superparamagnetic iron oxide-encapsulating polymersome nanocarriers for biofilm eradication. <i>Biomaterials</i> , 2017, 119, 78-85.	11.4	141
4	High throughput microencapsulation of <i>Bacillus subtilis</i> in semi-permeable biodegradable polymersomes for selenium remediation. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 455-464.	3.6	19
5	Cell source determines the immunological impact of biomimetic nanoparticles. <i>Biomaterials</i> , 2016, 82, 168-177.	11.4	50
6	Essential components of a successful doctoral program in nanomedicine. <i>International Journal of Nanomedicine</i> , 2015, 10, 23.	6.7	1
7	Silver nanoparticle-embedded polymersome nanocarriers for the treatment of antibiotic-resistant infections. <i>Nanoscale</i> , 2015, 7, 3511-3519.	5.6	75
8	Silver nanoparticle-embedded polymersome nanocarriers for the treatment of antibiotic-resistant infections. , 2014, , .		2
9	Sustained Zero-Order Release of Intact Ultra-Stable Drug-Loaded Liposomes from an Implantable Nanochannel Delivery System. <i>Advanced Healthcare Materials</i> , 2014, 3, 230-238.	7.6	48
10	Serum biomarkers for personalization of nanotherapeutics-based therapy in different tumor and organ microenvironments. <i>Cancer Letters</i> , 2014, 345, 48-55.	7.2	56
11	Red Blood Cell Tracking Using Optical Flow Methods. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 991-998.	6.3	38
12	Polymersomes for image-guided therapy. , 2014, , .		0
13	Computational Modeling of 3D Tumor Growth and Angiogenesis for Chemotherapy Evaluation. <i>PLoS ONE</i> , 2014, 9, e83962.	2.5	70
14	Transient Mild Hyperthermia Induces E-selectin Mediated Localization of Mesoporous Silicon Vectors in Solid Tumors. <i>PLoS ONE</i> , 2014, 9, e86489.	2.5	13
15	Synthetic nanoparticles functionalized with biomimetic leukocyte membranes possess cell-like functions. <i>Nature Nanotechnology</i> , 2013, 8, 61-68.	31.5	925
16	Silicon Micro- and Nanofabrication for Medicine. <i>Advanced Healthcare Materials</i> , 2013, 2, 632-666.	7.6	67
17	Modeling of nanotherapeutics delivery based on tumor perfusion. <i>New Journal of Physics</i> , 2013, 15, 055004.	2.9	33
18	Integrated intravital microscopy and mathematical modeling to optimize nanotherapeutics delivery to tumors. <i>AIP Advances</i> , 2012, 2, 11208.	1.3	84

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19	Rapid tumortropic accumulation of systemically injected plateloid particles and their biodistribution. <i>Journal of Controlled Release</i> , 2012, 158, 148-155.	9.9	177
20	Logic-Embedded Vectors for Intracellular Partitioning, Endosomal Escape, and Exocytosis of Nanoparticles. <i>Small</i> , 2010, 6, 2691-2700.	10.0	100
21	Efficient mucosal delivery of optical contrast agents using imidazole-modified chitosan. <i>Journal of Biomedical Optics</i> , 2010, 15, 1.	2.6	17
22	Enabling individualized therapy through nanotechnology. <i>Pharmacological Research</i> , 2010, 62, 57-89.	7.1	188
23	Delivery of optical contrast agents using Triton-X100, part 2: enhanced mucosal permeation for the detection of cancer biomarkers. <i>Journal of Biomedical Optics</i> , 2009, 14, 021013.	2.6	11
24	Delivery of optical contrast agents using Triton-X100, part 1: reversible permeabilization of live cells for intracellular labeling. <i>Journal of Biomedical Optics</i> , 2009, 14, 021012.	2.6	28
25	Real-time intravital microscopy of individual nanoparticle dynamics in liver and tumors of live mice. <i>Protocol Exchange</i> , 0, , .	0.3	15