List of Publications by Year in descending order

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	Synthetic nanoparticles functionalized with biomimetic leukocyte membranes possess cell-like functions. Nature Nanotechnology, 2013, 8, 61-68.	31.5	925
2	Enabling individualized therapy through nanotechnology. Pharmacological Research, 2010, 62, 57-89.	7.1	188
3	Rapid tumoritropic accumulation of systemically injected plateloid particles and their biodistribution. Journal of Controlled Release, 2012, 158, 148-155.	9.9	177
4	Superparamagnetic iron oxide-encapsulating polymersome nanocarriers for biofilm eradication. Biomaterials, 2017, 119, 78-85.	11.4	141
5	Logicâ€Embedded Vectors for Intracellular Partitioning, Endosomal Escape, and Exocytosis of Nanoparticles. Small, 2010, 6, 2691-2700.	10.0	100
6	Integrated intravital microscopy and mathematical modeling to optimize nanotherapeutics delivery to tumors. AIP Advances, 2012, 2, 11208.	1.3	84
7	Silver nanoparticle-embedded polymersome nanocarriers for the treatment of antibiotic-resistant infections. Nanoscale, 2015, 7, 3511-3519.	5.6	75
8	Computational Modeling of 3D Tumor Growth and Angiogenesis for Chemotherapy Evaluation. PLoS ONE, 2014, 9, e83962.	2.5	70
9	Silicon Microâ€•and Nanofabrication for Medicine. Advanced Healthcare Materials, 2013, 2, 632-666.	7.6	67
10	Serum biomarkers for personalization of nanotherapeutics-based therapy in different tumor and organ microenvironments. Cancer Letters, 2014, 345, 48-55.	7.2	56
11	Cell source determines the immunological impact of biomimetic nanoparticles. Biomaterials, 2016, 82, 168-177.	11.4	50
12	Sustained Zeroâ€Order Release of Intact Ultraâ€Stable Drugâ€Loaded Liposomes from an Implantable Nanochannel Delivery System. Advanced Healthcare Materials, 2014, 3, 230-238.	7.6	48
13	Red Blood Cell Tracking Using Optical Flow Methods. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 991-998.	6.3	38
14	Nanoformulation of Olaparib Amplifies PARP Inhibition and Sensitizes PTEN/TP53-Deficient Prostate Cancer to Radiation. Molecular Cancer Therapeutics, 2017, 16, 1279-1289.	4.1	37
15	Modeling of nanotherapeutics delivery based on tumor perfusion. New Journal of Physics, 2013, 15, 055004.	2.9	33
16	Delivery of optical contrast agents using Triton-X100, part 1: reversible permeabilization of live cells for intracellular labeling. Journal of Biomedical Optics, 2009, 14, 021012.	2.6	28
17	High throughput microencapsulation of Bacillus subtilis in semi-permeable biodegradable polymersomes for selenium remediation. Applied Microbiology and Biotechnology, 2017, 101, 455-464.	3.6	19
18	Efficient mucosal delivery of optical contrast agents using imidazole-modified chitosan. Journal of Biomedical Optics, 2010, 15, 1.	2.6	17

#	Article	IF	Citations
19	Real-time intravital microscopy of individual nanoparticle dynamics in liver and tumors of live mice. Protocol Exchange, 0, , .	0.3	15
20	Nanoparticle-Mediated X-Ray Radiation Enhancement for Cancer Therapy. Methods in Molecular Biology, 2017, 1530, 391-401.	0.9	13
21	Transient Mild Hyperthermia Induces E-selectin Mediated Localization of Mesoporous Silicon Vectors in Solid Tumors. PLoS ONE, 2014, 9, e86489.	2.5	13
22	Delivery of optical contrast agents using Triton-X100, part 2: enhanced mucosal permeation for the detection of cancer biomarkers. Journal of Biomedical Optics, 2009, 14, 021013.	2.6	11
23	Silver nanoparticle-embedded polymersome nanocarriers for the treatment of antibiotic-resistant infections. , 2014, , .		2
24	Essential components of a successful doctoral program in nanomedicine. International Journal of Nanomedicine, 2015, 10, 23.	6.7	1
25	Polymersomes for image-guided therapy. , 2014, , .		0