

Michael Dunne

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,227
citations

567144

15
h-index

752573

20
g-index

25
all docs

25
docs citations

25
times ranked

2201
citing authors

#	ARTICLE	IF	CITATIONS
1	The battle of "nano" paclitaxel. <i>Advanced Drug Delivery Reviews</i> , 2017, 122, 20-30.	6.6	270
2	Cellular uptake and transport of gold nanoparticles incorporated in a liposomal carrier. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 161-169.	1.7	152
3	In Vivo Performance of a Liposomal Vascular Contrast Agent for CT and MR-Based Image Guidance Applications. <i>Pharmaceutical Research</i> , 2007, 24, 1193-1201.	1.7	103
4	Methoxy Poly(ethylene glycol)-block-Poly(ϵ -valerolactone) Copolymer Micelles for Formulation of Hydrophobic Drugs. <i>Biomacromolecules</i> , 2005, 6, 3119-3128.	2.6	98
5	Spatial and temporal mapping of heterogeneity in liposome uptake and microvascular distribution in an orthotopic tumor xenograft model. <i>Journal of Controlled Release</i> , 2015, 207, 101-111.	4.8	84
6	Hyperthermia can alter tumor physiology and improve chemo- and radio-therapy efficacy. <i>Advanced Drug Delivery Reviews</i> , 2020, 163-164, 98-124.	6.6	77
7	APN/CD13-targeting as a strategy to alter the tumor accumulation of liposomes. <i>Journal of Controlled Release</i> , 2011, 154, 298-305.	4.8	76
8	A Mathematical Model of the Enhanced Permeability and Retention Effect for Liposome Transport in Solid Tumors. <i>PLoS ONE</i> , 2013, 8, e81157.	1.1	66
9	Radiation and Heat Improve the Delivery and Efficacy of Nanotherapeutics by Modulating Intratumoral Fluid Dynamics. <i>ACS Nano</i> , 2018, 12, 7583-7600.	7.3	55
10	Significant Radiation Enhancement Effects by Gold Nanoparticles in Combination with Cisplatin in Triple Negative Breast Cancer Cells and Tumor Xenografts. <i>Radiation Research</i> , 2017, 187, 147-160.	0.7	44
11	Heat-activated drug delivery increases tumor accumulation of synergistic chemotherapies. <i>Journal of Controlled Release</i> , 2019, 308, 197-208.	4.8	42
12	A Novel Minimally Invasive Technique to Create a Rabbit VX2 Lung Tumor Model for Nano-Sized Image Contrast and Interventional Studies. <i>PLoS ONE</i> , 2013, 8, e67355.	1.1	37
13	Hyperthermia-mediated drug delivery induces biological effects at the tumor and molecular levels that improve cisplatin efficacy in triple negative breast cancer. <i>Journal of Controlled Release</i> , 2018, 282, 35-45.	4.8	33
14	Thermosensitive nanomedicines could revolutionize thermal therapy in oncology. <i>Nano Today</i> , 2017, 16, 9-13.	6.2	20
15	Thermosensitive liposomal cisplatin in combination with local hyperthermia results in tumor growth delay and changes in tumor microenvironment in xenograft models of lung carcinoma. <i>Journal of Drug Targeting</i> , 2016, 24, 865-877.	2.1	18
16	Determining critical parameters that influence in vitro performance characteristics of a thermosensitive liposome formulation of vinorelbine. <i>Journal of Controlled Release</i> , 2020, 328, 551-561.	4.8	16
17	Tumor microenvironment determines response to a heat-activated thermosensitive liposome formulation of cisplatin in cervical carcinoma. <i>Journal of Controlled Release</i> , 2017, 262, 182-191.	4.8	13
18	Comparison of Computed Tomography and Optical Image-Based Assessment of Liposome Distribution. <i>Molecular Imaging</i> , 2013, 12, 7290.2012.00028.	0.7	11

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19	Heat-activated nanomedicine formulation improves the anticancer potential of the HSP90 inhibitor luminespib in vitro. <i>Scientific Reports</i> , 2021, 11, 11103.	1.6	7
20	Comparison of computed tomography- and optical image-based assessment of liposome distribution. <i>Molecular Imaging</i> , 2013, 12, 148-60.	0.7	4
21	Delivery of smaller gold nanoparticles by liposomal incorporation. , 2010, , .		1
22	The power of integrating imaging throughout the drug development process. <i>Journal of Controlled Release</i> , 2020, 317, 386-388.	4.8	0
23	TU-C-330A-09: Performance of CT and MR-Based Assays for In Vivo Agent Concentration Quantitation. <i>Medical Physics</i> , 2006, 33, 2184-2184.	1.6	0
24	Sci-Fri PM Imaging-12: Multimodal Contrast Agent for Combined CT and MR Imaging. <i>Medical Physics</i> , 2006, 33, 2672-2672.	1.6	0
25	SUâ€Dâ€A2â€04: Functional Relationships between Imaging and Biological Markers for the Purpose of Dose Painting Using the Example of FLTâ€PET and the Kiâ€67 Labeling Index. <i>Medical Physics</i> , 2010, 37, 3090-3090.	1.6	0