

Henry M Smilowitz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

2,614
citations

13
h-index

21
g-index

21
ext. papers

2,893
ext. citations

5.4
avg, IF

4.93
L-index

#	Paper	IF	Citations
21	The use of gold nanoparticles to enhance radiotherapy in mice. <i>Physics in Medicine and Biology</i> , 2004 , 49, N309-15	3.8	1169
20	Radiotherapy enhancement with gold nanoparticles. <i>Journal of Pharmacy and Pharmacology</i> , 2008 , 60, 977-85	4.8	480
19	Gold nanoparticle imaging and radiotherapy of brain tumors in mice. <i>Nanomedicine</i> , 2013 , 8, 1601-9	5.6	291
18	Gold nanoparticles enhance the radiation therapy of a murine squamous cell carcinoma. <i>Physics in Medicine and Biology</i> , 2010 , 55, 3045-59	3.8	275
17	Gold nanoparticle hyperthermia reduces radiotherapy dose. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 1609-17	6	96
16	Infrared-transparent gold nanoparticles converted by tumors to infrared absorbers cure tumors in mice by photothermal therapy. <i>PLoS ONE</i> , 2014 , 9, e88414	3.7	48
15	Roadmap for metal nanoparticles in radiation therapy: current status, translational challenges, and future directions. <i>Physics in Medicine and Biology</i> , 2020 , 65, 21RM02	3.8	45
14	Cytomegalovirus-Based Vaccine Expressing a Modified Tumor Antigen Induces Potent Tumor-Specific CD8(+) T-cell Response and Protects Mice from Melanoma. <i>Cancer Immunology Research</i> , 2015 , 3, 536-46	12.5	42
13	Dependence of gold nanoparticle radiosensitization on cell geometry. <i>Nanoscale</i> , 2017 , 9, 5843-5853	7.7	41
12	Small, Long Blood Half-Life Iodine Nanoparticle for Vascular and Tumor Imaging. <i>Scientific Reports</i> , 2018 , 8, 13803	4.9	24
11	Iodine nanoparticles enhance radiotherapy of intracerebral human glioma in mice and increase efficacy of chemotherapy. <i>Scientific Reports</i> , 2019 , 9, 4505	4.9	17
10	Iodine nanoparticle radiotherapy of human breast cancer growing in the brains of athymic mice. <i>Scientific Reports</i> , 2020 , 10, 15627	4.9	14
9	Increasing radiation dose improves immunotherapy outcome and prolongation of tumor dormancy in a subgroup of mice treated for advanced intracerebral melanoma. <i>Cancer Immunology, Immunotherapy</i> , 2016 , 65, 127-39	7.4	13
8	Intravenously-injected gold nanoparticles (AuNPs) access intracerebral F98 rat gliomas better than AuNPs infused directly into the tumor site by convection enhanced delivery. <i>International Journal of Nanomedicine</i> , 2018 , 13, 3937-3948	7.3	13
7	Sequential appearance of inflammatory mediators in rat bronchoalveolar lavage fluid after oleic acid-induced lung injury. <i>Experimental Lung Research</i> , 1996 , 22, 33-49	2.3	13
6	Therapy model for advanced intracerebral B16 mouse melanoma using radiation therapy combined with immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2013 , 62, 1187-97	7.4	9
5	Microlocalization of lipophilic porphyrins: non-toxic enhancers of boron neutron-capture therapy. <i>International Journal of Radiation Biology</i> , 2013 , 89, 611-7	2.9	8

4	Novel Iodine nanoparticles target vascular mimicry in intracerebral triple negative human MDA-MB-231 breast tumors. <i>Scientific Reports</i> , 2021 , 11, 1203	4.9	6
3	Biodistribution of gold nanoparticles in BBN-induced muscle-invasive bladder cancer in mice. <i>International Journal of Nanomedicine</i> , 2017 , 12, 7937-7946	7.3	5
2	Distributions of intravenous injected iodine nanoparticles in orthotopic u87 human glioma xenografts over time and tumor therapy. <i>Nanomedicine</i> , 2020 , 15, 2369-2383	5.6	3
1	Iodine Nanoparticles (Niodx) for Radiotherapy Enhancement of Glioblastoma and Other Cancers: An NCI Nanotechnology Characterization Laboratory Study.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	2