Henry M Smilowitz

List of Publications by Year
in descending order

21 papers	3,150 citations	566801 15 h-index	713013 21 g-index
21 all docs	21 docs citations	21 times ranked	3858 citing authors

#	Article	IF	Citations
1	The use of gold nanoparticles to enhance radiotherapy in mice. Physics in Medicine and Biology, 2004, 49, N309-N315.	1.6	1,355
2	Radiotherapy enhancement with gold nanoparticles. Journal of Pharmacy and Pharmacology, 2010, 60, 977-985.	1.2	573
3	Gold nanoparticle imaging and radiotherapy of brain tumors in mice. Nanomedicine, 2013, 8, 1601-1609.	1.7	341
4	Gold nanoparticles enhance the radiation therapy of a murine squamous cell carcinoma. Physics in Medicine and Biology, 2010, 55, 3045-3059.	1.6	317
5	Gold nanoparticle hyperthermia reduces radiotherapy dose. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1609-1617.	1.7	108
6	Roadmap for metal nanoparticles in radiation therapy: current status, translational challenges, and future directions. Physics in Medicine and Biology, 2020, 65, 21RM02.	1.6	101
7	Dependence of gold nanoparticle radiosensitization on cell geometry. Nanoscale, 2017, 9, 5843-5853.	2.8	61
8	Infrared-Transparent Gold Nanoparticles Converted by Tumors to Infrared Absorbers Cure Tumors in Mice by Photothermal Therapy. PLoS ONE, 2014, 9, e88414.	1.1	58
9	Cytomegalovirus-Based Vaccine Expressing a Modified Tumor Antigen Induces Potent Tumor-Specific CD8+ T-cell Response and Protects Mice from Melanoma. Cancer Immunology Research, 2015, 3, 536-546.	1.6	51
10	Small, Long Blood Half-Life Iodine Nanoparticle for Vascular and Tumor Imaging. Scientific Reports, 2018, 8, 13803.	1.6	41
11	Iodine nanoparticles enhance radiotherapy of intracerebral human glioma in mice and increase efficacy of chemotherapy. Scientific Reports, 2019, 9, 4505.	1.6	22
12	Intravenously-injected gold nanoparticles (AuNPs) access intracerebral F98 rat gliomas better than AuNPs infused directly into the tumor site by convection enhanced delivery. International Journal of Nanomedicine, 2018, Volume 13, 3937-3948.	3.3	19
13	Iodine nanoparticle radiotherapy of human breast cancer growing in the brains of athymic mice. Scientific Reports, 2020, 10, 15627.	1.6	19
14	Increasing radiation dose improves immunotherapy outcome and prolongation of tumor dormancy in a subgroup of mice treated for advanced intracerebral melanoma. Cancer Immunology, Immunotherapy, 2016, 65, 127-139.	2.0	18
15	Sequential Appearance of Inflammatory Mediators in Rat Bronchoalveolar Lavage Fluid After Oleic Acid-Induced Lung Injury. Experimental Lung Research, 1996, 22, 33-49.	0.5	15
16	Microlocalization of lipophilic porphyrins: Non-toxic enhancers of boron neutron-capture therapy. International Journal of Radiation Biology, 2013, 89, 611-617.	1.0	14
17	Therapy model for advanced intracerebral B16 mouse melanoma using radiation therapy combined with immunotherapy. Cancer Immunology, Immunotherapy, 2013, 62, 1187-1197.	2.0	9
18	Biodistribution of gold nanoparticles in BBN-induced muscle-invasive bladder cancer in mice. International Journal of Nanomedicine, 2017, Volume 12, 7937-7946.	3.3	9

#	Article	IF	Citations
19	Novel Iodine nanoparticles target vascular mimicry in intracerebral triple negative human MDA-MB-231 breast tumors. Scientific Reports, 2021, 11, 1203.	1.6	9
20	Distributions of intravenous injected iodine nanoparticles in orthotopic u87 human glioma xenografts over time and tumor therapy. Nanomedicine, 2020, 15, 2369-2383.	1.7	6
21	Iodine Nanoparticles (Niodxâ„¢) for Radiotherapy Enhancement of Glioblastoma and Other Cancers: An NCI Nanotechnology Characterization Laboratory Study. Pharmaceutics, 2022, 14, 508.	2.0	4