

# Pat B Zanzonico

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

4,163  
citations

159585

30  
h-index

114465

63  
g-index

70  
all docs

70  
docs citations

70  
times ranked

6651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraperitoneal Pretargeted Radioimmunotherapy for Colorectal Peritoneal Carcinomatosis. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 125-137.	4.1	5
2	F-18 meta-fluorobenzylguanidine PET imaging of myocardial sympathetic innervation. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3179-3188.	2.1	7
3	Ultrasmall Nanoparticle Delivery of Doxorubicin Improves Therapeutic Index for High-Grade Glioma. <i>Clinical Cancer Research</i> , 2022, 28, 2938-2952.	7.0	11
4	A Self-Assembling and Disassembling (SADA) Bispecific Antibody (BsAb) Platform for Curative Two-step Pretargeted Radioimmunotherapy. <i>Clinical Cancer Research</i> , 2021, 27, 532-541.	7.0	19
5	IntraOmmaya compartmental radioimmunotherapy using $^{131}\text{I}$ -omburtamabâ€™ pharmacokinetic modeling to optimize therapeutic index. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1166-1177.	6.4	9
6	Overcoming Barriers to Radiopharmaceutical Therapy (RPT): An Overview From the NRG-NCI Working Group on Dosimetry of Radiopharmaceutical Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 905-912.	0.8	13
7	PSA-Targeted Alpha-, Beta-, and Positron-Emitting Immunotheranostics in Murine Prostate Cancer Models and Nonhuman Primates. <i>Clinical Cancer Research</i> , 2021, 27, 2050-2060.	7.0	13
8	Use of Ultrasmall Core-Shell Fluorescent Silica Nanoparticles for Image-Guided Sentinel Lymph Node Biopsy in Head and Neck Melanoma. <i>JAMA Network Open</i> , 2021, 4, e211936.	5.9	59
9	Chemical tools for epichaperome-mediated interactome dysfunctions of the central nervous system. <i>Nature Communications</i> , 2021, 12, 4669.	12.8	19
10	Tumor Response to Radiopharmaceutical Therapies: The Knowns and the Unknowns. <i>Journal of Nuclear Medicine</i> , 2021, 62, 12S-22S.	5.0	14
11	$^{18}\text{F}$ -Fluorocholine PET uptake correlates with pathologic evidence of recurrent tumor after stereotactic radiosurgery for brain metastases. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1446-1457.	6.4	13
12	An N-Acetylgalactosamino Dendron-Clearing Agent for High-Therapeutic-Index DOTA-Hapten Pretargeted Radioimmunotherapy. <i>Bioconjugate Chemistry</i> , 2020, 31, 501-506.	3.6	16
13	B7H3-Directed Intraperitoneal Radioimmunotherapy With Radioiodinated Omburtamab for Desmoplastic Small Round Cell Tumor and Other Peritoneal Tumors: Results of a Phase I Study. <i>Journal of Clinical Oncology</i> , 2020, 38, 4283-4291.	1.6	40
14	Ultrasmall Core-Shell Silica Nanoparticles for Precision Drug Delivery in a High-Grade Malignant Brain Tumor Model. <i>Clinical Cancer Research</i> , 2020, 26, 147-158.	7.0	59
15	First-in-Humans Trial of Dasatinib-Derivative Tracer for Tumor Kinase-Targeted PET. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1580-1587.	5.0	5
16	Hybrid PET/MRI enables high-spatial resolution, quantitative imaging of amyloid plaques in an Alzheimerâ€™s disease mouse model. <i>Scientific Reports</i> , 2020, 10, 10379.	3.3	15
17	A Genomic Profile of Local Immunity in the Melanoma Microenvironment Following Treatment with $^{131}\text{I}$ Particle-Emitting Ultrasmall Silica Nanoparticles. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2020, 35, 459-473.	1.0	13
18	Targeted melanoma radiotherapy using ultrasmall $^{177}\text{Lu}$ -labeled $^{125}\text{I}$ -melanocyte stimulating hormone-functionalized core-shell silica nanoparticles. <i>Biomaterials</i> , 2020, 241, 119858.	11.4	35



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37	Cancer-Targeting Ultrasmall Silica Nanoparticles for Clinical Translation: Physicochemical Structure and Biological Property Correlations. <i>Chemistry of Materials</i> , 2017, 29, 8766-8779.	6.7	58
38	Target-or-Clear Zirconium-89 Labeled Silica Nanoparticles for Enhanced Cancer-Directed Uptake in Melanoma: A Comparison of Radiolabeling Strategies. <i>Chemistry of Materials</i> , 2017, 29, 8269-8281.	6.7	59
39	Curative Multicycle Radioimmunotherapy Monitored by Quantitative SPECT/CT-Based Theranostics, Using Bispecific Antibody Pretargeting Strategy in Colorectal Cancer. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1735-1742.	5.0	36
40	Intraoperative mapping of sentinel lymph node metastases using a clinically translated ultrasmall silica nanoparticle. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2016, 8, 535-553.	6.1	49
41	Radiosynthesis of the iodine-124 labeled Hsp90 inhibitor PU-H71. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2016, 59, 129-132.	1.0	17
42	Ultrasmall nanoparticles induce ferroptosis in nutrient-deprived cancer cells and suppress tumour growth. <i>Nature Nanotechnology</i> , 2016, 11, 977-985.	31.5	467
43	The epichaperome is an integrated chaperome network that facilitates tumour survival. <i>Nature</i> , 2016, 538, 397-401.	27.8	233
44	Reproducibility of 18F-fluoromisonidazole intratumour distribution in non-small cell lung cancer. <i>EJNMMI Research</i> , 2016, 6, 79.	2.5	25
45	Arsenic Trioxide as a Radiation Sensitizer for <sup>131</sup> I-Metaiodobenzylguanidine Therapy: Results of a Phase II Study. <i>Journal of Nuclear Medicine</i> , 2016, 57, 231-237.	5.0	17
46	Adaptation, Commissioning, and Evaluation of a 3D Treatment Planning System for High-Resolution Small-Animal Irradiation. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, 460-471.	1.9	6
47	Theranostic pretargeted radioimmunotherapy of colorectal cancer xenografts in mice using picomolar affinity <sup>86</sup> Y- or <sup>177</sup> Lu-DOTA-Bn binding scFv C825/GPA33 IgG bispecific immunoconjugates. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 925-937.	6.4	38
48	Targeting of radiolabeled J591 antibody to PSMA-expressing tumors: optimization of imaging and therapy based on non-linear compartmental modeling. <i>EJNMMI Research</i> , 2016, 6, 7.	2.5	32
49	Feasibility of 18F-Fluoromisonidazole Kinetic Modeling in Head and Neck Cancer Using Shortened Acquisition Times. <i>Journal of Nuclear Medicine</i> , 2016, 57, 334-341.	5.0	16
50	Cerenkov Luminescence Imaging for Radiation Dose Calculation of a <sup>90</sup> Y-Labeled Gastrin-Releasing Peptide Receptor Antagonist. <i>Journal of Nuclear Medicine</i> , 2015, 56, 805-811.	5.0	39
51	Gene therapy using therapeutic and diagnostic recombinant oncolytic vaccinia virus GLV-1h153 for management of colorectal peritoneal carcinomatosis. <i>Surgery</i> , 2015, 157, 331-337.	1.9	11
52	PET-based compartmental modeling of <sup>124</sup> I-A33 antibody: quantitative characterization of patient-specific tumor targeting in colorectal cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1700-1706.	6.4	13
53	Reverse-Contrast Imaging and Targeted Radiation Therapy of Advanced Pancreatic Cancer Models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 444-453.	0.8	12
54	Clinical translation of an ultrasmall inorganic optical-PET imaging nanoparticle probe. <i>Science Translational Medicine</i> , 2014, 6, 260ra149.	12.4	589

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55	The potential of theragnostic 124I-8H9 convection-enhanced delivery in diffuse intrinsic pontine glioma. <i>Neuro-Oncology</i> , 2014, 16, 800-806.	1.2	38
56	Principles of Nuclear Medicine Imaging: Planar, SPECT, PET, Multi-modality, and Autoradiography Systems. <i>Radiation Research</i> , 2012, 177, 349-364.	1.5	79
57	Multimodal silica nanoparticles are effective cancer-targeted probes in a model of human melanoma. <i>Journal of Clinical Investigation</i> , 2011, 121, 2768-2780.	8.2	558
58	Routine Quality Control of Clinical Nuclear Medicine Instrumentation: A Brief Review. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1114-1131.	5.0	141
59	Patient-Specific Radiation Dosimetry for Radionuclide Therapy of Liver Tumors With Intrahepatic Artery Rhenium-188 Lipiodol. <i>Seminars in Nuclear Medicine</i> , 2008, 38, S30-S39.	4.6	10
60	Radiation Exposure of Computed Tomography and Direct Intracoronary Angiography. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1846-1849.	2.8	79
61	Introduction to Clinical and Laboratory (Small-Animal) Image Registration and Fusion. , 2006, 2006, 1580-3.		11
62	Animal-specific positioning molds for registration of repeat imaging studies: comparative microPET imaging of F18-labeled fluoro-deoxyglucose and fluoro-misonidazole in rodent tumors. <i>Nuclear Medicine and Biology</i> , 2006, 33, 65-70.	0.6	34
63	PET-Based Biological Imaging for Radiation Therapy Treatment Planning. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2006, 16, 61-102.	0.9	15
64	[131I]FIAU labeling of genetically transduced, tumor-reactive lymphocytes: cell-level dosimetry and dose-dependent toxicity. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 988-997.	6.4	36
65	Broad-Spectrum Multi-Modality Image Registration: From PET, CT, and MRI to Autoradiography, Microscopy, and Beyond. , 2006, 2006, 1584-8.		11
66	Broad-Spectrum Multi-Modality Image Registration: From PET, CT, and MRI to Autoradiography, Microscopy, and Beyond. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006, , .	0.5	0