

# Katherine A Vallis

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9418246/katherine-a-vallis-publications-by-citations.pdf>  
**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120 papers	3,903 citations	35 h-index	58 g-index
131 ext. papers	4,579 ext. citations	6.4 avg, IF	5.3 L-index

#	Paper	IF	Citations
120	Regional Nodal Irradiation in Early-Stage Breast Cancer. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 307-16	59.2	710
119	Targeting ATR in vivo using the novel inhibitor VE-822 results in selective sensitization of pancreatic tumors to radiation. <i>Cell Death and Disease</i> , <b>2012</b> , 3, e441	9.8	242
118	(111)In-labeled trastuzumab (Herceptin) modified with nuclear localization sequences (NLS): an Auger electron-emitting radiotherapeutic agent for HER2/neu-amplified breast cancer. <i>Journal of Nuclear Medicine</i> , <b>2007</b> , 48, 1357-68	8.9	139
117	Assessment of coronary heart disease morbidity and mortality after radiation therapy for early breast cancer. <i>Journal of Clinical Oncology</i> , <b>2002</b> , 20, 1036-42	2.2	115
116	Relationship between the debrisoquine hydroxylase polymorphism and cancer susceptibility. <i>Carcinogenesis</i> , <b>1992</b> , 13, 1035-8	4.6	96
115	Cone beam computed tomography guidance for setup of patients receiving accelerated partial breast irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2007</b> , 68, 547-54	4	89
114	Targeting the nucleus: an overview of Auger-electron radionuclide therapy. <i>Current Drug Discovery Technologies</i> , <b>2010</b> , 7, 263-79	1.5	77
113	Targeted radionuclide therapy in combined-modality regimens. <i>Lancet Oncology, The</i> , <b>2017</b> , 18, e414-e423	23.7	71
112	Nanographene oxide-based radioimmunoconstructs for in vivo targeting and SPECT imaging of HER2-positive tumors. <i>Biomaterials</i> , <b>2013</b> , 34, 1146-54	15.6	71
111	A population-based case-cohort study of the risk of myocardial infarction following radiation therapy for breast cancer. <i>Radiotherapy and Oncology</i> , <b>2007</b> , 82, 294-300	5.3	68
110	Proteomic analyses reveal high expression of decorin and endoplasmin (HSP90B1) are associated with breast cancer metastasis and decreased survival. <i>PLoS ONE</i> , <b>2012</b> , 7, e30992	3.7	68
109	Selective permeabilization of the blood-brain barrier at sites of metastasis. <i>Journal of the National Cancer Institute</i> , <b>2013</b> , 105, 1634-43	9.7	62
108	Computational analysis of the number, area and density of gamma-H2AX foci in breast cancer cells exposed to (111)In-DTPA-hEGF or gamma-rays using Image-J software. <i>International Journal of Radiation Biology</i> , <b>2009</b> , 85, 262-71	2.9	62
107	Trastuzumab-resistant breast cancer cells remain sensitive to the auger electron-emitting radiotherapeutic agent 111In-NLS-trastuzumab and are radiosensitized by methotrexate. <i>Journal of Nuclear Medicine</i> , <b>2008</b> , 49, 1498-505	8.9	60
106	Expression Trapping: Identification of Novel Genes Expressed in Hematopoietic and Endothelial Lineages by Gene Trapping in ES Cells. <i>Blood</i> , <b>1998</b> , 92, 4622-4631	2.2	60
105	Applications and limitations of machine learning in radiation oncology. <i>British Journal of Radiology</i> , <b>2019</b> , 92, 20190001	3.4	53
104	Monte Carlo Evaluation of Auger Electron-Emitting Theranostic Radionuclides. <i>Journal of Nuclear Medicine</i> , <b>2015</b> , 56, 1441-6	8.9	53

103	XRCC1 Polymorphism Associated With Late Toxicity After Radiation Therapy in Breast Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 92, 1084-1092	4	53
102	Relationship between induction of phosphorylated H2AX and survival in breast cancer cells exposed to <sup>111</sup> In-DTPA-hEGF. <i>Journal of Nuclear Medicine</i> , <b>2008</b> , 49, 1353-61	8.9	53
101	Antitumor effects and normal tissue toxicity of <sup>111</sup> In-labeled epidermal growth factor administered to athymic mice bearing epidermal growth factor receptor-positive human breast cancer xenografts. <i>Journal of Nuclear Medicine</i> , <b>2003</b> , 44, 1469-78	8.9	53
100	Antitumor effects and normal-tissue toxicity of <sup>111</sup> In-nuclear localization sequence-trastuzumab in athymic mice bearing HER-positive human breast cancer xenografts. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 1084-91	8.9	52
99	Radiotherapy for stages I and II testicular seminoma: results and morbidity in 238 patients. <i>British Journal of Radiology</i> , <b>1995</b> , 68, 400-5	3.4	52
98	Preclinical pharmacokinetic, biodistribution, toxicology, and dosimetry studies of <sup>111</sup> In-DTPA-human epidermal growth factor: an auger electron-emitting radiotherapeutic agent for epidermal growth factor receptor-positive breast cancer. <i>Journal of Nuclear Medicine</i> , <b>2006</b> , 47, 1023-31	8.9	51
97	Transition metal compounds as cancer radiosensitizers. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 540-557	58.5	50
96	Imaging DNA damage in vivo using gammaH2AX-targeted immunoconjugates. <i>Cancer Research</i> , <b>2011</b> , 71, 4539-49	10.1	49
95	Subcellular Targeting of Theranostic Radionuclides. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 996	5.6	46
94	EGF-coated gold nanoparticles provide an efficient nano-scale delivery system for the molecular radiotherapy of EGFR-positive cancer. <i>International Journal of Radiation Biology</i> , <b>2016</b> , 92, 716-723	2.9	45
93	Prospective comparison of breast pain in patients participating in a randomized trial of breast-conserving surgery and tamoxifen with or without radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2003</b> , 55, 154-61	4	42
92	Methotrexate, paclitaxel, and doxorubicin radiosensitize HER2-amplified human breast cancer cells to the Auger electron-emitting radiotherapeutic agent ( <sup>111</sup> In)-NLS-trastuzumab. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 477-83	8.9	39
91	<sup>123</sup> I-labeled HIV-1 tat peptide radioimmunoconjugates are imported into the nucleus of human breast cancer cells and functionally interact in vitro and in vivo with the cyclin-dependent kinase inhibitor, p21(WAF-1/Cip-1). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2007</b> , 34, 368-77	8.8	39
90	DNA repair capacity as a possible biomarker of breast cancer risk in female BRCA1 mutation carriers. <i>British Journal of Cancer</i> , <b>2007</b> , 96, 118-25	8.7	38
89	Effect of the EGFR density of breast cancer cells on nuclear importation, in vitro cytotoxicity, and tumor and normal-tissue uptake of [ <sup>111</sup> In]DTPA-hEGF. <i>Nuclear Medicine and Biology</i> , <b>2007</b> , 34, 887-96	2.1	38
88	Advances in anticancer radiopharmaceuticals. <i>Clinical Oncology</i> , <b>2013</b> , 25, 604-9	2.8	37
87	Evaluation of toremifene for reversal of multidrug resistance in renal cell cancer patients treated with vinblastine. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2000</b> , 46, 27-34	3.5	37
86	In-labelled polymeric nanoparticles incorporating a ruthenium-based radiosensitizer for EGFR-targeted combination therapy in oesophageal cancer cells. <i>Nanoscale</i> , <b>2018</b> , 10, 10596-10608	7.7	35

85	A ruthenium polypyridyl intercalator stalls DNA replication forks, radiosensitizes human cancer cells and is enhanced by Chk1 inhibition. <i>Scientific Reports</i> , <b>2016</b> , 6, 31973	4.9	34
84	Outcomes of surveillance mammography after treatment of primary breast cancer: a population-based case series. <i>Breast Cancer Research and Treatment</i> , <b>2009</b> , 114, 169-78	4.4	34
83	Concurrent cyclophosphamide, methotrexate, and 5-fluorouracil chemotherapy and radiotherapy for breast carcinoma: a well tolerated adjuvant regimen. <i>Cancer</i> , <b>2002</b> , 95, 696-703	6.4	34
82	A high-throughput induction gene trap approach defines C4ST as a target of BMP signaling. <i>Mechanisms of Development</i> , <b>2002</b> , 118, 77-89	1.7	29
81	Distress associated with radiotherapy for malignant disease: a quantitative analysis based on patients perceptions. <i>British Journal of Cancer</i> , <b>1989</b> , 60, 370-4	8.7	29
80	A three-in-one-bullet for oesophageal cancer: replication fork collapse, spindle attachment failure and enhanced radiosensitivity generated by a ruthenium(ii) metallo-intercalator. <i>Chemical Science</i> , <b>2018</b> , 9, 841-849	9.4	29
79	Comparative antiproliferative effects of (111)In-DTPA-hEGF, chemotherapeutic agents and gamma-radiation on EGFR-positive breast cancer cells. <i>Nuclear Medicine and Biology</i> , <b>2002</b> , 29, 693-9	2.1	27
78	Epidermal growth factor receptor inhibition modulates the nuclear localization and cytotoxicity of the Auger electron emitting radiopharmaceutical 111In-DTPA human epidermal growth factor. <i>Journal of Nuclear Medicine</i> , <b>2007</b> , 48, 1562-70	8.9	26
77	Buparlisib with thoracic radiotherapy and its effect on tumour hypoxia: A phase I study in patients with advanced non-small cell lung carcinoma. <i>European Journal of Cancer</i> , <b>2019</b> , 113, 87-95	7.5	25
76	A phase I study of 99mTc-hR3 (DiaCIM), a humanized immunoconjugate directed towards the epidermal growth factor receptor. <i>Nuclear Medicine Communications</i> , <b>2002</b> , 23, 1155-64	1.6	25
75	Phase I trial to evaluate the tumor and normal tissue uptake, radiation dosimetry and safety of (111)In-DTPA-human epidermal growth factor in patients with metastatic EGFR-positive breast cancer. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2014</b> , 4, 181-92	2.2	25
74	Amplification of DNA damage by a H2AX-targeted radiopharmaceutical. <i>Nuclear Medicine and Biology</i> , <b>2012</b> , 39, 1142-51	2.1	24
73	A kit formulated under good manufacturing practices for labeling human epidermal growth factor with 111In for radiotherapeutic applications. <i>Journal of Nuclear Medicine</i> , <b>2004</b> , 45, 701-8	8.9	24
72	Absorbed dose evaluation of Auger electron-emitting radionuclides: impact of input decay spectra on dose point kernels and S-values. <i>Physics in Medicine and Biology</i> , <b>2017</b> , 62, 2239-2253	3.8	21
71	Molecular radiotherapy using cleavable radioimmunoconjugates that target EGFR and H2AX. <i>Molecular Cancer Therapeutics</i> , <b>2013</b> , 12, 2472-82	6.1	21
70	Toenail selenium status and DNA repair capacity among female BRCA1 mutation carriers. <i>Cancer Causes and Control</i> , <b>2010</b> , 21, 679-87	2.8	21
69	Breast cancer in women <i>Annals of Oncology</i> , <b>2000</b> , 11, 1255-62	10.3	21
68	Targeted Radionuclide Therapy: New Advances for Improvement of Patient Management and Response. <i>Cancers</i> , <b>2019</b> , 11,	6.6	20

67	Ultrasound-mediated cavitation enhances the delivery of an EGFR-targeting liposomal formulation designed for chemo-radionuclide therapy. <i>Theranostics</i> , <b>2019</b> , 9, 5595-5609	12.1	20
66	<sup>111</sup> In-BnDTPA-F3: an Auger electron-emitting radiotherapeutic agent that targets nucleolin. <i>EJNMMI Research</i> , <b>2012</b> , 2, 9	3.6	18
65	International Variation in Criteria for Internal Mammary Chain Radiotherapy. <i>Clinical Oncology</i> , <b>2019</b> , 31, 453-461	2.8	16
64	Relationship between the adaptive response to oxidants and stable menadione-resistance in Chinese hamster ovary cell lines. <i>Carcinogenesis</i> , <b>1996</b> , 17, 649-54	4.6	16
63	Amplified delivery of indium-111 to EGFR-positive human breast cancer cells. <i>Nuclear Medicine and Biology</i> , <b>2001</b> , 28, 895-902	2.1	16
62	Relationship between chromatin structure and sensitivity to molecularly targeted auger electron radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 83, 1298-305	4	15
61	ErbB-2 blockade and prenyltransferase inhibition alter epidermal growth factor and epidermal growth factor receptor trafficking and enhance (111)In-DTPA-hEGF Auger electron radiation therapy. <i>Journal of Nuclear Medicine</i> , <b>2011</b> , 52, 776-83	8.9	15
60	Imaging DNA Damage Repair In Vivo After Lu-DOTATATE Therapy. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 743-750	8.9	15
59	Antisense imaging of epidermal growth factor-induced p21(WAF-1/CIP-1) gene expression in MDA-MB-468 human breast cancer xenografts. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2003</b> , 30, 1273-80	8.8	14
58	Proton vs photon: A model-based approach to patient selection for reduction of cardiac toxicity in locally advanced lung cancer. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 152, 151-162	5.3	14
57	Dosimetric evaluation of radionuclides for VCAM-1-targeted radionuclide therapy of early brain metastases. <i>Theranostics</i> , <b>2018</b> , 8, 292-303	12.1	13
56	Accumulation of In-Labelled EGF-Au-PEG Nanoparticles in EGFR-Positive Tumours is Enhanced by Coadministration of Targeting Ligand. <i>Nanotheranostics</i> , <b>2017</b> , 1, 232-243	5.6	13
55	Relationship between Caffeine and Levels of DNA Repair and Oxidative Stress in Women with and without a BRCA1 Mutation. <i>Journal of Nutrigenetics and Nutrigenomics</i> , <b>2015</b> , 8, 174-84		13
54	Clinical imaging of tumor angiogenesis. <i>Future Oncology</i> , <b>2012</b> , 8, 1443-59	3.6	13
53	Targeting Micrometastases: The Effect of Heterogeneous Radionuclide Distribution on Tumor Control Probability. <i>Journal of Nuclear Medicine</i> , <b>2018</b> ,	8.9	12
52	MRI-guided radiotherapy of the SK-N-SH neuroblastoma xenograft model using a small animal radiation research platform. <i>British Journal of Radiology</i> , <b>2017</b> , 90, 20160427	3.4	12
51	Targeting telomerase with radiolabeled inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 125, 117-129	6.8	12
50	An efficient and robust MRI-guided radiotherapy planning approach for targeting abdominal organs and tumours in the mouse. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176693	3.7	11

49	DNA double-strand break repair: a theoretical framework and its application. <i>Journal of the Royal Society Interface</i> , <b>2016</b> , 13, 20150679	4.1	11
48	Imaging DNA damage allows detection of preneoplasia in the BALB-neuT model of breast cancer. <i>Journal of Nuclear Medicine</i> , <b>2014</b> , 55, 2026-31	8.9	11
47	Identification of radiation-responsive genes in vitro using a gene trap strategy predicts for modulation of expression by radiation in vivo. <i>Radiation Research</i> , <b>2002</b> , 157, 8-18	3.1	11
46	Tricyclic cell-penetrating peptides for efficient delivery of functional antibodies into cancer cells.. <i>Nature Chemistry</i> , <b>2022</b> ,	17.6	11
45	Synthesis and evaluation of an F-labeled derivative of F3 for targeting surface-expressed nucleolin in cancer and tumor endothelial cells. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2016</b> , 59, 492-499	1.9	11
44	Improved outcome of I-mIBG treatment through combination with external beam radiotherapy in the SK-N-SH mouse model of neuroblastoma. <i>Radiotherapy and Oncology</i> , <b>2017</b> , 124, 488-495	5.3	10
43	Early experience with combined interstitial hyperthermia and brachytherapy. <i>British Journal of Radiology</i> , <b>1986</b> , 59, 525-7	3.4	10
42	Probing the limits of Q-tag bioconjugation of antibodies. <i>Chemical Communications</i> , <b>2019</b> , 55, 11342-11348	4.8	9
41	Megavoltage Radiosensitization of Gold Nanoparticles on a Glioblastoma Cancer Cell Line Using a Clinical Platform. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
40	In vivo monitoring of intranuclear p27(kip1) protein expression in breast cancer cells during trastuzumab (Herceptin) therapy. <i>Nuclear Medicine and Biology</i> , <b>2009</b> , 36, 811-9	2.1	9
39	VCAM-1 targeted alpha-particle therapy for early brain metastases. <i>Neuro-Oncology</i> , <b>2020</b> , 22, 357-368	1	9
38	Photoactivatable prodrug for simultaneous release of mertansine and CO along with a BODIPY derivative as a luminescent marker in mitochondria: a proof of concept for NIR image-guided cancer therapy. <i>Chemical Science</i> , <b>2020</b> , 12, 2667-2673	9.4	9
37	Radiolabeled Oligonucleotides Targeting the RNA Subunit of Telomerase Inhibit Telomerase and Induce DNA Damage in Telomerase-Positive Cancer Cells. <i>Cancer Research</i> , <b>2019</b> , 79, 4627-4637	10.1	8
36	Electrically tunable fluidic lens imaging system for laparoscopic fluorescence-guided surgery. <i>Biomedical Optics Express</i> , <b>2017</b> , 8, 3232-3247	3.5	8
35	Radiosensitivity of colorectal cancer to Y and the radiobiological implications for radioembolisation therapy. <i>Physics in Medicine and Biology</i> , <b>2019</b> , 64, 135018	3.8	7
34	The Impact of Radiobiologically Informed Dose Prescription on the Clinical Benefit of Y SIRT in Colorectal Cancer Patients. <i>Journal of Nuclear Medicine</i> , <b>2020</b> , 61, 1658-1664	8.9	7
33	Photoresists as a high spatial resolution autoradiography substrate for quantitative mapping of intra- and sub-cellular distribution of Auger electron emitting radionuclides. <i>International Journal of Radiation Biology</i> , <b>2012</b> , 88, 933-40	2.9	7
32	Chemically amplified photoresist for high resolution autoradiography in targeted radiotherapy. <i>Biomaterials</i> , <b>2011</b> , 32, 6138-44	15.6	7



31	Uptake, internalization and nuclear translocation of radioimmunotherapeutic agents. <i>Therapeutic Delivery</i> , <b>2014</b> , 5, 319-35	3.8	6
30	An In-labelled bis-ruthenium(ii) dipyridophenazine theranostic complex: mismatch DNA binding and selective radiotoxicity towards MMR-deficient cancer cells. <i>Chemical Science</i> , <b>2020</b> , 11, 8936-8944	9.4	6
29	β2AX expression in cytological specimens as a biomarker of response to radiotherapy in solid malignancies. <i>Diagnostic Cytopathology</i> , <b>2016</b> , 44, 141-6	1.4	6
28	Targeted alpha therapy with Pb or Ac: Change in RBE from daughter migration. <i>Physica Medica</i> , <b>2018</b> , 51, 91-98	2.7	6
27	Menadione-resistant Chinese hamster ovary cells have an increased capacity for glutathione synthesis. <i>British Journal of Cancer</i> , <b>1997</b> , 76, 870-7	8.7	5
26	Metallointercalator [Ru(dppz)(PIP)] Renders BRCA Wild-Type Triple-Negative Breast Cancer Cells Hypersensitive to PARP Inhibition. <i>ACS Chemical Biology</i> , <b>2020</b> , 15, 378-387	4.9	5
25	Orally administered oxygen nanobubbles enhance tumor response to sonodynamic therapy. <i>Nano Select</i> ,	3.1	5
24	Combining sonodynamic therapy with chemoradiation for the treatment of pancreatic cancer. <i>Journal of Controlled Release</i> , <b>2021</b> , 337, 371-377	11.7	5
23	Spatial distribution of Auger electrons emitted from internalised radionuclides in cancer cells: the photoresist autoradiography (PAR) method. <i>Radiation Protection Dosimetry</i> , <b>2015</b> , 166, 228-32	0.9	4
22	Oligonucleotide-Functionalized Gold Nanoparticles for Synchronous Telomerase Inhibition, Radiosensitization, and Delivery of Theranostic Radionuclides. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 3820-3831	5.6	4
21	Monitoring response to anti-angiogenic mTOR inhibitor therapy in vivo using In-bevacizumab. <i>EJNMMI Research</i> , <b>2017</b> , 7, 49	3.6	3
20	PET and SPECT Imaging for the Acceleration of Anti-Cancer Drug Development. <i>Current Drug Targets</i> , <b>2015</b> , 16, 582-91	3	3
19	Is an analytical dose engine sufficient for intensity modulated proton therapy in lung cancer?. <i>British Journal of Radiology</i> , <b>2020</b> , 93, 20190583	3.4	3
18	Indium-111 labelling of liposomal HEGF for radionuclide delivery via ultrasound-induced cavitation. <i>Journal of Controlled Release</i> , <b>2020</b> , 319, 222-233	11.7	3
17	Radionuclide spatial distribution and dose deposition for in vitro assessments of Pb-212/CAM-1 targeted alpha therapy. <i>Medical Physics</i> , <b>2020</b> , 47, 1317-1326	4.4	3
16	Internalization of Auger electron-emitting isotopes into cancer cells: a method for spatial distribution determination of equivalent source terms. <i>International Journal of Radiation Biology</i> , <b>2016</b> , 92, 633-640	2.9	3
15	Stereotactic Inverse Dose Planning After Yttrium-90 Selective Internal Radiation Therapy in Hepatocellular Cancer. <i>Advances in Radiation Oncology</i> , <b>2021</b> , 6, 100617	3.3	3
14	Robustness assessment using probabilistic scenarios of intensity modulated proton therapy and volumetric arc therapy in non-small-cell lung cancer: an in-silico radiotherapy planning study. <i>Lancet, The</i> , <b>2017</b> , 389, S94	4.0	2

13	Assessment of robustness against setup uncertainties using probabilistic scenarios in lung cancer: a comparison of proton with photon therapy. <i>British Journal of Radiology</i> , <b>2020</b> , 93, 20190584	3.4	2
12	Auger Emitting Radiopharmaceuticals for Cancer Therapy <b>2012</b> , 461-478		2
11	Characterization of single tracks by photoresist detection and AFM analysis-focus on biomedical science and technology. <i>Physics in Medicine and Biology</i> , <b>2013</b> , 58, 7673-82	3.8	2
10	3-Bromopyruvate-mediated MCT1-dependent metabolic perturbation sensitizes triple negative breast cancer cells to ionizing radiation. <i>Cancer &amp; Metabolism</i> , <b>2021</b> , 9, 37	5.4	2
9	Radioimmunotherapy for Brain Metastases: The Potential for Inflammation as a Target of Choice. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 714514	5.3	2
8	What is the risk of cardiac morbidity with adjuvant radiotherapy for breast cancer?. <i>Nature Clinical Practice Oncology</i> , <b>2006</b> , 3, 180-1		1
7	Manganese-free chow, a refined non-invasive solution to reduce gastrointestinal signal for T-weighted magnetic resonance imaging of the mouse abdomen. <i>Laboratory Animals</i> , <b>2020</b> , 54, 353-364	2.6	1
6	SU-F-BRD-04: Robustness Analysis of Proton Breast Treatments Using An Alpha-Stable Distribution Parameterization. <i>Medical Physics</i> , <b>2015</b> , 42, 3526-3526	4.4	0
5	Interactive contouring through contextual deep learning. <i>Medical Physics</i> , <b>2021</b> , 48, 2951-2959	4.4	0
4	Abstract ID: 36 Geant4 modeling of targeted radionuclide therapy for brain metastasis. <i>Physica Medica</i> , <b>2017</b> , 42, 6-7	2.7	
3	Nanomaterial-Antibody Hybrids <b>2017</b> , 83-109		
2	Impact of cyclic changes in pharmacokinetics and absorbed dose in pediatric neuroblastoma patients receiving [Lu]Lu-DOTATATE.. <i>EJNMMI Physics</i> , <b>2022</b> , 9, 24	4.4	
1	9 International Symposium on Physical, Molecular, Cellular, and Medical Aspects of Auger Processes: Preface.. <i>International Journal of Radiation Biology</i> , <b>2022</b> , 1-2	2.9	