Glenn D Flux

List of Publications by Year
in descending order

53 papers	2,190 citations	304743 22 h-index	223800 46 g-index
54 all docs	54 docs citations	54 times ranked	1777 citing authors

#	Article	IF	Citations
1	Controversies, Consensus, and Collaboration in the Use of ¹³¹I Therapy in Differentiated Thyroid Cancer: A Joint Statement from the American Thyroid Association, the European Association of Nuclear Medicine, the Society of Nuclear Medicine and Molecular Imaging, and the European Thyroid Association. Thyroid, 2019, 29, 461-470.	4.5	257
2	EANM Dosimetry Committee guidelines for bone marrow and whole-body dosimetry. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1238-1250.	6.4	217
3	EANM procedure guidelines for 131I-meta-iodobenzylguanidine (131I-mIBG) therapy. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 1039-1047.	6.4	212
4	Feasibility of Dosimetry-Based High-Dose 131I-Meta-Iodobenzylguanidine with Topotecan as a Radiosensitizer in Children with Metastatic Neuroblastoma. Cancer Biotherapy and Radiopharmaceuticals, 2005, 20, 195-199.	1.0	132
5	EANM practical guidance on uncertainty analysis for molecular radiotherapy absorbed dose calculations. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 2456-2474.	6.4	124
6	EANM Dosimetry Committee Series on Standard Operational Procedures for Pre-Therapeutic Dosimetry II. Dosimetry prior to radioiodine therapy of benign thyroid diseases. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1126-1134.	6.4	117
7	The Impact of PET and SPECT on Dosimetry for Targeted Radionuclide Therapy. Zeitschrift Fur Medizinische Physik, 2006, 16, 47-59.	1.5	107
8	A dose-effect correlation for radioiodine ablation in differentiated thyroid cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 270-275.	6.4	87
9	Whole-Body Dosimetry for Individualized Treatment Planning of ¹³¹I-MIBG Radionuclide Therapy for Neuroblastoma. Journal of Nuclear Medicine, 2009, 50, 1518-1524.	5.0	78
10	The potential of 223Ra and 18F-fluoride imaging to predict bone lesion response to treatment with 223Ra-dichloride in castration-resistant prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1832-1844.	6.4	66
11	Variations in the practice of molecular radiotherapy and implementation of dosimetry: results from a European survey. EJNMMI Physics, 2017, 4, 28.	2.7	65
12	Abdo-Man: a 3D-printed anthropomorphic phantom for validating quantitative SIRT. EJNMMI Physics, 2016, 3, 17.	2.7	57
13	Dosimetry for Fractionated 131I-mIBG Therapies in Patients with Primary Resistant High-Risk Neuroblastoma: Preliminary Results. Cancer Biotherapy and Radiopharmaceuticals, 2007, 22, 105-112.	1.0	53
14	Effect of Patient Morphology on Dosimetric Calculations for Internal Irradiation as Assessed by Comparisons of Monte Carlo Versus Conventional Methodologies. Journal of Nuclear Medicine, 2009, 50, 316-323.	5.0	53
15	Differentiated thyroid cancer patients potentially benefitting from postoperative I-131 therapy: a review of the literature of the past decade. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 78-83.	6.4	52
16	EANM Dosimetry Committee series on standard operational procedures for internal dosimetry for 131I mIBG treatment of neuroendocrine tumours. EJNMMI Physics, 2020, 7, 15.	2.7	44
17	Estimation and implications of random errors in whole-body dosimetry for targeted radionuclide therapy. Physics in Medicine and Biology, 2002, 47, 3211-3223.	3.0	41
18	Standardised quantitative radioiodine SPECT/CT Imaging for multicentre dosimetry trials in molecular radiotherapy. Physics in Medicine and Biology, 2019, 64, 245013.	3.0	37

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19	Investigating the potential clinical benefit of Selumetinib in resensitising advanced iodine refractory differentiated thyroid cancer to radioiodine therapy (SEL-I-METRY): protocol for a multicentre UK single arm phase II trial. BMC Cancer, 2019, 19, 582.	2.6	32
20	Optimization and assessment of quantitative 124I imaging on a Philips Gemini dual GS PET/CT system. European Journal of Nuclear Medicine and Molecular Imaging, 2009, 36, 1037-1048.	6.4	29
21	SELIMETRYâ€"a multicentre I-131 dosimetry trial: a clinical perspective. British Journal of Radiology, 2017, 90, 20160637.	2.2	27
22	Setting up a quantitative SPECT imaging network for a European multi-centre dosimetry study of radioiodine treatment for thyroid cancer as part of the MEDIRAD project. EJNMMI Physics, 2020, 7, 61.	2.7	23
23	Absorbed Dose Ratios for Repeated Therapy of Neuroblastoma with I-131 mIBG. Cancer Biotherapy and Radiopharmaceuticals, 2003, 18, 81-87.	1.0	21
24	Compartmental Model for 223Ra-Dichloride in Patients With Metastatic Bone Disease From Castration-Resistant Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2019, 105, 884-892.	0.8	20
25	Optimization of Equipment and Methodology for Whole Body Activity Retention Measurements in Children Undergoing Targeted Radionuclide Therapy. Cancer Biotherapy and Radiopharmaceuticals, 2007, 22, 243-249.	1.0	19
26	Wholeâ€remnant and maximumâ€voxel SPECT/CT dosimetry in ¹³¹Iâ€NaI treatments of differentiated thyroid cancer. Medical Physics, 2016, 43, 5279-5287.	3.0	19
27	Phase I/II trials of 186Re-HEDP in metastatic castration-resistant prostate cancer: post-hoc analysis of the impact of administered activity and dosimetry on survival. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 620-629.	6.4	18
28	Dosimetry-based treatment for Gravesâ€™ disease. Nuclear Medicine Communications, 2018, 39, 486-492.	1.1	16
29	Dosimetric results in treatments of neuroblastoma and neuroendocrine tumors with ¹³¹Iâ€metaiodobenzylguanidine with implications for the activity to administer. Medical Physics, 2015, 42, 3969-3978.	3.0	15
30	Physics aspects of setting up a multicenter clinical trial involving internal dosimetry of radioiodine treatment of differentiated thyroid cancer. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2019, 63, 271-277.	0.7	15
31	Radioactive 3D printing for the production of molecular imaging phantoms. Physics in Medicine and Biology, 2020, 65, 175019.	3.0	12
32	A Systematic Review and Meta-Analysis of the Relationship Between the Radiation Absorbed Dose to the Thyroid and Response in Patients Treated with Radioiodine for Graves' Disease. Thyroid, 2021, 31, 1829-1838.	4.5	12
33	Spatial aspects of combined modality radiotherapy. Radiotherapy and Oncology, 2005, 77, 301-309.	0.6	11
34	Second primary malignancies induced by radioactive iodine treatment of differentiated thyroid carcinoma â€" a critical review and evaluation of the existing evidence. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 3247-3256.	6.4	11
35	Spect perfusion imaging versus CT for predicting radiation injury to normal lung in lung cancer patients. British Journal of Radiology, 2019, 92, 20190184.	2.2	10
36	Adjustment of the iodine ICRP population pharmacokinetic model for the use in thyroid cancer patients after thyroidectomy. Journal of Radiological Protection, 2021, 41, 1034-1044.	1.1	10

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37	Biologically effective dose in fractionated molecular radiotherapyâ€"application to treatment of neuroblastoma with131I-mIBG. Physics in Medicine and Biology, 2016, 61, 2532-2551.	3.0	9
38	Bone lesion absorbed dose profiles in patients with metastatic prostate cancer treated with molecular radiotherapy. British Journal of Radiology, 2018, 91, 20170795.	2.2	9
39	Comparison of Empiric Versus Dosimetry-Guided Radioiodine Therapy: The Devil Is in the Details. Journal of Nuclear Medicine, 2017, 58, 862-862.	5.0	8
40	BNMS position statement on molecular radiotherapy. Nuclear Medicine Communications, 2021, 42, 1061-1063.	1.1	8
41	RADAR Guide: Standard Methods for Calculating Radiation Doses for Radiopharmaceuticals, Part 1â€"Collection of Data for Radiopharmaceutical Dosimetry. Journal of Nuclear Medicine, 2022, 63, 316-322.	5.0	7
42	Iodine-131 and Iodine-131-Meta-iodobenzylguanidine Dosimetry in Cancer Therapy. Seminars in Nuclear Medicine, 2022, 52, 167-177.	4.6	7
43	Whole-Body Dosimetry for Targeted Radionuclide Therapy Using Spectral Analysis. Cancer Biotherapy and Radiopharmaceuticals, 2005, 20, 66-71.	1.0	5
44	RADAR Guide: Standard Methods for Calculating Radiation Doses for Radiopharmaceuticals, Part 2â€"Data Analysis and Dosimetry. Journal of Nuclear Medicine, 2022, 63, 485-492.	5.0	5
45	Objective comparison of lesion detectability in low and medium-energy collimator iodine-123 mIBG images using a channelized Hotelling observer. Physics in Medicine and Biology, 2017, 62, 17-30.	3.0	4
46	Applying radiobiology to clinical molecular radiotherapy. Nuclear Medicine and Biology, 2021, 100-101, 1-3.	0.6	3
47	Pre-clinical quantitative imaging and mouse-specific dosimetry for 111In-labelled radiotracers. EJNMMI Research, 2016, 6, 85.	2.5	2
48	Clinical trials in molecular radiotherapyâ€"Tribulations and Triumphs Report of the NCRI CTRad meeting held at the Lift Islington, 8 June 2018. British Journal of Radiology, 2019, 92, 20190117.	2.2	1
49	SOLLID â€“ a single centre study to develop methods to investigate the effects of low radiation doses within nuclear medicine, to enable multicentre epidemiological investigations. British Journal of Radiology, 2021, 94, 20200072.	2.2	1
50	Comparison of 90Y SIRT predicted and delivered absorbed doses using a PSF conversion method. Physica Medica, 2021, 89, 1-10.	0.7	1
51	Reply to â€˜Single high dose versus repeated bone-targeted radionuclide therapyâ€™. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 515-517.	6.4	0
52	Hybrid Imaging in conventional nuclear medicine. , 2020, , .		0
53	Radionuclide Metabolic Therapy. , 2013, , .		0