

Silvano Gnesin

List of Publications by Year in descending order

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30
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#	ARTICLE	IF	CITATIONS
1	Fundamentals of internal radiation dosimetry. , 2022, , 607-621.		2
2	Dosimetry of nuclear medicine therapies: current controversies and impact on treatment optimization. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2022, 65, .	0.7	5
3	EANM dosimetry committee recommendations for dosimetry of ¹⁷⁷ Lu-labelled somatostatin-receptor- and PSMA-targeting ligands. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1778-1809.	6.4	70
4	Comparison of absorbed dose extrapolation methods for mouse-to-human translation of radiolabelled macromolecules. EJNMMI Research, 2022, 12, 21.	2.5	5
5	Impact of DOTA Conjugation on Pharmacokinetics and Immunoreactivity of [¹⁷⁷ Lu]Lu-1C1m-Fc, an Anti TEM-1 Fusion Protein Antibody in a TEM-1 Positive Tumor Mouse Model. Pharmaceutics, 2021, 13, 96.	4.5	8
6	International recommendations for personalised selective internal radiation therapy of primary and metastatic liver diseases with yttrium-90 resin microspheres. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1570-1584.	6.4	140
7	Relevance of Internal Bremsstrahlung photons from ⁹⁰ Y decay: an experimental and Monte Carlo study. Physica Medica, 2021, 90, 158-163.	0.7	5
8	Fifty Shades of Scandium: Comparative Study of PET Capabilities Using Sc-43 and Sc-44 with Respect to Conventional Clinical Radionuclides. Diagnostics, 2021, 11, 1826.	2.6	10
9	Dose Optimization in Pediatric Studies: Why It Is Important and How It Can Benefit Every Nuclear Medicine Department. Journal of Nuclear Medicine, 2021, 62, 568-569.	5.0	1
10	Copper-64-Labeled 1C1m-Fc, a New Tool for TEM-1 PET Imaging and Prediction of Lutetium-177-Labeled 1C1m-Fc Therapy Efficacy and Safety. Cancers, 2021, 13, 5936.	3.7	2
11	Simplified patient-specific renal dosimetry in ¹⁷⁷ Lu therapy: a proof of concept. Physica Medica, 2021, 92, 75-85.	0.7	8
12	First Phantom-Based Quantitative Assessment of Scandium-44 Using a Commercial PET Device. Frontiers in Physics, 2020, 8, .	2.1	5
13	Preclinical Evaluation and Dosimetry of [¹¹¹ In]CHX-DTPA-scFv78-Fc Targeting Endosialin/Tumor Endothelial Marker 1 (TEM1). Molecular Imaging and Biology, 2020, 22, 979-991.	2.6	15
14	Increased ¹⁸ F-FDG signal recovery from small physiological structures in digital PET/CT and application to the pituitary gland. Scientific Reports, 2020, 10, 368.	3.3	15
15	Radiation dosimetry of ¹⁸ F-AzaFol: A first in-human use of a folate receptor PET tracer. EJNMMI Research, 2020, 10, 32.	2.5	23
16	Phantom-based image quality assessment of clinical ¹⁸ F-FDG protocols in digital PET/CT and comparison to conventional PMT-based PET/CT. EJNMMI Physics, 2020, 7, 1.	2.7	63
17	Monte Carlo ⁹⁰ Y PET/CT dosimetry of unexpected focal radiation-induced lung damage after hepatic radioembolisation. Physics in Medicine and Biology, 2020, 65, 235014.	3.0	10
18	Internal radiation dosimetry of a ¹⁵² Tb-labeled antibody in tumor-bearing mice. EJNMMI Research, 2019, 9, 53.	2.5	17

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19	Swiss survey on hybrid imaging CTs doses in Nuclear Medicine and proposed national dose reference levels. <i>Zeitschrift Fur Medizinische Physik</i> , 2018, 28, 265-275.	1.5	18
20	First in-human radiation dosimetry of the gastrin-releasing peptide (GRP) receptor antagonist ⁶⁸ Ga-NODAGA-MJ9. <i>EJNMMI Research</i> , 2018, 8, 108.	2.5	25
21	A Monte Carlo model for the internal dosimetry of choroid plexuses in nuclear medicine procedures. <i>Physica Medica</i> , 2018, 49, 52-57.	0.7	14
22	Resin Versus Glass Microspheres for ⁹⁰ Y Transarterial Radioembolization: Comparing Survival in Unresectable Hepatocellular Carcinoma Using Pretreatment Partition Model Dosimetry. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1334-1340.	5.0	36
23	¹⁸ F-FDG PET/CT predicts survival after ⁹⁰ Y transarterial radioembolization in unresectable hepatocellular carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1215-1222.	6.4	26
24	Clinical evaluation of the radiolanthanide terbium-152: first-in-human PET/CT with ¹⁵² Tb-DOTATOC. <i>Dalton Transactions</i> , 2017, 46, 14638-14646.	3.3	61
25	First in-human radiation dosimetry of ⁶⁸ Ga-NODAGA-RGDyK. <i>EJNMMI Research</i> , 2017, 7, 43.	2.5	24
26	Cardiac Radionuclide Imaging in Rodents: A Review of Methods, Results, and Factors at Play. <i>Frontiers in Medicine</i> , 2017, 4, 35.	2.6	13
27	Phantom Validation of Tc-99m Absolute Quantification in a SPECT/CT Commercial Device. <i>Computational and Mathematical Methods in Medicine</i> , 2016, 2016, 1-6.	1.3	40
28	Partition Model-Based ^{99m} Tc-MAA SPECT/CT Predictive Dosimetry Compared with ⁹⁰ Y TOF PET/CT Posttreatment Dosimetry in Radioembolization of Hepatocellular Carcinoma: A Quantitative Agreement Comparison. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1672-1678.	5.0	90
29	Medical physicists' implication in radiological diagnostic procedures: results after 1 y of experience. <i>Radiation Protection Dosimetry</i> , 2015, 164, 120-125.	0.8	2