

# Silvano Gnesin

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

753  
citations

623734

14  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

940  
citing authors

#	ARTICLE	IF	CITATIONS
1	International recommendations for personalised selective internal radiation therapy of primary and metastatic liver diseases with yttrium-90 resin microspheres. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1570-1584.	6.4	140
2	Partition Model-Based <sup>99m</sup> Tc-MAA SPECT/CT Predictive Dosimetry Compared with <sup>90</sup> 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
3	EANM dosimetry committee recommendations for dosimetry of <sup>177</sup> Lu-labelled somatostatin-receptor- and PSMA-targeting ligands. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1778-1809.	6.4	70
4	Phantom-based image quality assessment of clinical <sup>18</sup> F-FDG protocols in digital PET/CT and comparison to conventional PMT-based PET/CT. <i>EJNMMI Physics</i> , 2020, 7, 1.	2.7	63
5	Clinical evaluation of the radiolanthanide terbium-152: first-in-human PET/CT with <sup>152</sup> Tb-DOTATOC. <i>Dalton Transactions</i> , 2017, 46, 14638-14646.	3.3	61
6	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
7	Resin Versus Glass Microspheres for <sup>90</sup> 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
8	<sup>18</sup> F-FDG PET/CT predicts survival after <sup>90</sup> Y transarterial radioembolization in unresectable hepatocellular carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1215-1222.	6.4	26
9	First in-human radiation dosimetry of the gastrin-releasing peptide (GRP) receptor antagonist <sup>68</sup> Ga-NODAGA-MJ9. <i>EJNMMI Research</i> , 2018, 8, 108.	2.5	25
10	First in-human radiation dosimetry of <sup>68</sup> Ga-NODAGA-RGDyK. <i>EJNMMI Research</i> , 2017, 7, 43.	2.5	24
11	Radiation dosimetry of <sup>18</sup> F-AzaFol: A first in-human use of a folate receptor PET tracer. <i>EJNMMI Research</i> , 2020, 10, 32.	2.5	23
12	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
13	Internal radiation dosimetry of a <sup>152</sup> Tb-labeled antibody in tumor-bearing mice. <i>EJNMMI Research</i> , 2019, 9, 53.	2.5	17
14	Preclinical Evaluation and Dosimetry of [ <sup>111</sup> In]CHX-DTPA-scFv78-Fc Targeting Endosialin/Tumor Endothelial Marker 1 (TEM1). <i>Molecular Imaging and Biology</i> , 2020, 22, 979-991.	2.6	15
15	Increased <sup>18</sup> F-FDG signal recovery from small physiological structures in digital PET/CT and application to the pituitary gland. <i>Scientific Reports</i> , 2020, 10, 368.	3.3	15
16	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
17	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
18	Fifty Shades of Scandium: Comparative Study of PET Capabilities Using Sc-43 and Sc-44 with Respect to Conventional Clinical Radionuclides. <i>Diagnostics</i> , 2021, 11, 1826.	2.6	10

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19	Monte Carlo <sup>90</sup> Y PET/CT dosimetry of unexpected focal radiation-induced lung damage after hepatic radioembolisation. <i>Physics in Medicine and Biology</i> , 2020, 65, 235014.	3.0	10
20	Impact of DOTA Conjugation on Pharmacokinetics and Immunoreactivity of [177Lu]Lu-1C1m-Fc, an Anti TEM-1 Fusion Protein Antibody in a TEM-1 Positive Tumor Mouse Model. <i>Pharmaceutics</i> , 2021, 13, 96.	4.5	8
21	Simplified patient-specific renal dosimetry in 177Lu therapy: a proof of concept. <i>Physica Medica</i> , 2021, 92, 75-85.	0.7	8
22	First Phantom-Based Quantitative Assessment of Scandium-44 Using a Commercial PET Device. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	5
23	Relevance of Internal Bremsstrahlung photons from 90Y decay: an experimental and Monte Carlo study. <i>Physica Medica</i> , 2021, 90, 158-163.	0.7	5
24	Dosimetry of nuclear medicine therapies: current controversies and impact on treatment optimization. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 65, .	0.7	5
25	Comparison of absorbed dose extrapolation methods for mouse-to-human translation of radiolabelled macromolecules. <i>EJNMMI Research</i> , 2022, 12, 21.	2.5	5
26	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
27	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. <i>Cancers</i> , 2021, 13, 5936.	3.7	2
28	Fundamentals of internal radiation dosimetry. , 2022, , 607-621.		2
29	Dose Optimization in Pediatric Studies: Why It Is Important and How It Can Benefit Every Nuclear Medicine Department. <i>Journal of Nuclear Medicine</i> , 2021, 62, 568-569.	5.0	1