

# Andrei Todica

## List of Publications by Year in descending order

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66  
papers

947  
citations

623734

14  
h-index

526287

27  
g-index

68  
all docs

68  
docs citations

68  
times ranked

1332  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Significance of Dynamic <sup>18</sup> F-FET PET in Newly Diagnosed Astrocytic High-Grade Glioma. <i>Journal of Nuclear Medicine</i> , 2015, 56, 9-15.	5.0	144
2	First Clinical Results for PSMA-Targeted $\beta$ -Therapy Using <sup>225</sup> Ac-PSMA-I&T in Advanced-mCRPC Patients. <i>Journal of Nuclear Medicine</i> , 2021, 62, 669-674.	5.0	87
3	Predictive Value of <sup>99m</sup> Tc-MAA SPECT for <sup>90</sup> Y-Labeled Resin Microsphere Distribution in Radioembolization of Primary and Secondary Hepatic Tumors. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1654-1660.	5.0	74
4	Safety, Efficacy, and Prognostic Factors After Radioembolization of Hepatic Metastases from Breast Cancer: A Large Single-Center Experience in 81 Patients. <i>Journal of Nuclear Medicine</i> , 2016, 57, 517-523.	5.0	48
5	PET Response Criteria in Solid Tumors Predicts Progression-Free Survival and Time to Local or Distant Progression After Chemotherapy with Regional Hyperthermia for Soft-Tissue Sarcoma. <i>Journal of Nuclear Medicine</i> , 2015, 56, 530-537.	5.0	31
6	Positron emission tomography based in-vivo imaging of early phase stem cell retention after intramyocardial delivery in the mouse model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1730-1738.	6.4	29
7	Coupling between physiological TSPO expression in brain and myocardium allows stabilization of late-phase cerebral [ <sup>18</sup> F]GE180 PET quantification. <i>NeuroImage</i> , 2018, 165, 83-91.	4.2	27
8	Left ventricular functional assessment in murine models of ischemic and dilated cardiomyopathy using [ <sup>18</sup> F]FDG-PET: comparison with cardiac MRI and monitoring erythropoietin therapy. <i>EJNMMI Research</i> , 2012, 2, 43.	2.5	21
9	3D Monte Carlo bone marrow dosimetry for Lu-177-PSMA therapy with guidance of non-invasive 3D localization of active bone marrow via Tc-99m-anti-granulocyte antibody SPECT/CT. <i>EJNMMI Research</i> , 2019, 9, 76.	2.5	21
10	FDG-PET reveals improved cardiac regeneration and attenuated adverse remodelling following Sitagliptin + G-CSF therapy after acute myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 136-145.	1.2	20
11	[ <sup>68</sup> Ga]-Albumin-PET in the Monitoring of Left Ventricular Function in Murine Models of Ischemic and Dilated Cardiomyopathy: Comparison with Cardiac MRI. <i>Molecular Imaging and Biology</i> , 2013, 15, 441-449.	2.6	19
12	Patient-specific image-based bone marrow dosimetry in Lu-177-[DOTA0,Tyr3]-Octreotate and Lu-177-DKFZ-PSMA-617 therapy: investigation of a new hybrid image approach. <i>EJNMMI Research</i> , 2018, 8, 76.	2.5	19
13	Outcome and Safety after 103 Radioembolizations with Yttrium-90 Resin Microspheres in 73 Patients with Unresectable Intrahepatic Cholangiocarcinoma—An Evaluation of Predictors. <i>Cancers</i> , 2021, 13, 5399.	3.7	17
14	Response to <sup>225</sup> Ac-PSMA-I&T after failure of long-term <sup>177</sup> Lu-PSMA RLT in mCRPC. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1262-1263.	6.4	16
15	Positron emission tomography in the assessment of left ventricular function in healthy rats: A comparison of four imaging methods. <i>Journal of Nuclear Cardiology</i> , 2013, 20, 262-274.	2.1	15
16	3D image-based dosimetry for Yttrium-90 radioembolization of hepatocellular carcinoma: Impact of imaging method on absorbed dose estimates. <i>Physica Medica</i> , 2020, 80, 317-326.	0.7	15
17	<sup>18</sup> F-FDG-PET/CT in Patients with Advanced, Radioiodine Refractory Thyroid Cancer Treated with Lenvatinib. <i>Cancers</i> , 2021, 13, 317.	3.7	15
18	Dosimetry and optimal scan time of [ <sup>18</sup> F]SiTATE-PET/CT in patients with neuroendocrine tumours. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3571-3581.	6.4	15

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19	68Ga-EMP-100 PET/CT: a novel ligand for visualizing c-MET expression in metastatic renal cell carcinoma—first in-human biodistribution and imaging results. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1711-1720.	6.4	15
20	Long-term outcome of rare oncocytic papillary (Hürthle cell) thyroid carcinoma following (adjuvant) initial radioiodine therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2526-2535.	6.4	14
21	Clinical impact of follicular oncocytic (Hürthle cell) carcinoma in comparison with corresponding classical follicular thyroid carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 449-460.	6.4	14
22	Cost-Effectiveness Analysis of 68Ga DOTA-TATE PET/CT, 111In-Pentetreotide SPECT/CT and CT for Diagnostic Workup of Neuroendocrine Tumors. <i>Diagnostics</i> , 2021, 11, 334.	2.6	14
23	Influence of dosimetry method on bone lesion absorbed dose estimates in PSMA therapy: application to mCRPC patients receiving Lu-177-PSMA-I&T. <i>EJNMMI Physics</i> , 2021, 8, 26.	2.7	13
24	Temporal Changes in Phosphatidylserine Expression and Glucose Metabolism after Myocardial Infarction: An in Vivo Imaging Study in Mice. <i>Molecular Imaging</i> , 2012, 11, 7290.2012.00010.	1.4	12
25	Erroneous cardiac ECG-gated PET list-mode trigger events can be retrospectively identified and replaced by an offline reprocessing approach: first results in rodents. <i>Physics in Medicine and Biology</i> , 2013, 58, 7937-7959.	3.0	12
26	In-vivo monitoring of erythropoietin treatment after myocardial infarction in mice with [68Ga]Annexin A5 and [18F]FDG PET. <i>Journal of Nuclear Cardiology</i> , 2014, 21, 1191-1199.	2.1	12
27	124I-PET Assessment of Human Sodium Iodide Symporter Reporter Gene Activity for Highly Sensitive In Vivo Monitoring of Teratoma Formation in Mice. <i>Molecular Imaging and Biology</i> , 2015, 17, 874-883.	2.6	12
28	Feasibility of [68Ga]Ga-FAPI-46 PET/CT for detection of nodal and hematogenous spread in high-grade urothelial carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3571-3580.	6.4	12
29	Noninvasive image derived heart input function for CMRglc measurements in small animal slow infusion FDG PET studies. <i>Physics in Medicine and Biology</i> , 2012, 57, 8041-8059.	3.0	11
30	In Vivo Monitoring of Parathyroid Hormone Treatment after Myocardial Infarction in Mice with [ <sup>68</sup> Ga]Annexin A5 and [ <sup>18</sup> F]Fluorodeoxyglucose Positron Emission Tomography. <i>Molecular Imaging</i> , 2014, 13, 7290.2014.00035.	1.4	11
31	Real world efficacy and safety of multi-tyrosine kinase inhibitors in radioiodine refractory thyroid cancer. <i>Thyroid</i> , 2021, 31, 1531-1541.	4.5	11
32	Nephroprotective effects of enalapril after [177Lu]-DOTATATE therapy using serial renal scintigraphies in a murine model of radiation-induced nephropathy. <i>EJNMMI Research</i> , 2016, 6, 64.	2.5	10
33	Monitoring of Cardiac Remodeling in a Mouse Model of Pressure-Overload Left Ventricular Hypertrophy with [18F]FDG MicroPET. <i>Molecular Imaging and Biology</i> , 2018, 20, 268-274.	2.6	10
34	The added diagnostic value of complementary gadoxetic acid-enhanced MRI to 18F-DOPA-PET/CT for liver staging in medullary thyroid carcinoma. <i>Cancer Imaging</i> , 2019, 19, 73.	2.8	10
35	Correlation of an Index-Lesion-Based SPECT Dosimetry Method with Mean Tumor Dose and Clinical Outcome after 177Lu-PSMA-617 Radioligand Therapy. <i>Diagnostics</i> , 2021, 11, 428.	2.6	10
36	Assessment of right ventricular sympathetic dysfunction in patients with arrhythmogenic right ventricular cardiomyopathy: An 123I-metaiodobenzylguanidine SPECT/CT study. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2402-2409.	2.1	8

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37	Effects of the Minimal Extrathyroidal Extension on Early Response Rates after (Adjuvant) Initial Radioactive Iodine Therapy in PTC Patients. <i>Cancers</i> , 2020, 12, 3357.	3.7	8
38	<sup>18</sup> F- <sup>18</sup> F- <sup>18</sup> F-FDG-PET/CT and diffusion-weighted MRI for monitoring a BRAF and CDK 4/6 inhibitor combination therapy in a murine model of human melanoma. <i>Cancer Imaging</i> , 2018, 18, 2.	2.8	7
39	Follow-Up <sup>18</sup> F-FDG PET/CT versus Contrast-Enhanced CT after Ablation of Liver Metastases of Colorectal Carcinoma—A Cost-Effectiveness Analysis. <i>Cancers</i> , 2020, 12, 2432.	3.7	7
40	The diagnostic challenge of coexistent sarcoidosis and thyroid cancer — a retrospective study. <i>BMC Cancer</i> , 2021, 21, 139.	2.6	7
41	Impact of Pharmaceutical Prophylaxis on Radiation-Induced Liver Disease Following Radioembolization. <i>Cancers</i> , 2021, 13, 1992.	3.7	7
42	Feasibility of Different Tumor Delineation Approaches for <sup>18</sup> F-PSMA-1007 PET/CT Imaging in Prostate Cancer Patients. <i>Frontiers in Oncology</i> , 2021, 11, 663631.	2.8	7
43	Molecular imaging of cardiac CXCR4 expression in a mouse model of acute myocardial infarction using a novel <sup>68</sup> Ga-mCXCL12 PET tracer. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2965-2975.	2.1	6
44	Toxicity of a combined therapy using the mTOR-inhibitor everolimus and PRRT with [ <sup>177</sup> Lu]Lu-DOTA-TATE in Lewis rats. <i>EJNMMI Research</i> , 2020, 10, 41.	2.5	6
45	Temporal changes in phosphatidylserine expression and glucose metabolism after myocardial infarction: an in vivo imaging study in mice. <i>Molecular Imaging</i> , 2012, 11, 461-70.	1.4	6
46	Total Tumor Volume on <sup>18</sup> F-PSMA-1007 PET as Additional Imaging Biomarker in mCRPC Patients Undergoing PSMA-Targeted Alpha Therapy with <sup>225</sup> Ac-PSMA-I&T. <i>Biomedicines</i> , 2022, 10, 946.	3.2	6
47	Data on specificity of [ <sup>18</sup> F]GE180 uptake for TSPO expression in rodent brain and myocardium. <i>Data in Brief</i> , 2018, 19, 331-336.	1.0	4
48	Incidental Finding of a PSMA-Positive Pancreatic Cancer in a Patient Suffering from a Metastasized PSMA-Positive Prostate Cancer. <i>Diagnostics</i> , 2021, 11, 129.	2.6	4
49	Derivation of a respiration trigger signal in small animal list-mode PET based on respiration-induced variations of the ECG signal. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 73-83.	2.1	3
50	Comparison of metabolic and functional parameters using cardiac <sup>18</sup> F-FDG-PET in early to mid-adulthood male and female mice. <i>EJNMMI Research</i> , 2021, 11, 7.	2.5	3
51	Cardiac <sup>18</sup> F-FDG Positron Emission Tomography: An Accurate Tool to Monitor In vivo Metabolic and Functional Alterations in Murine Myocardial Infarction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 656742.	2.4	3
52	Comparison of transient and permanent LAD ligation in mice using <sup>18</sup> F-FDG PET imaging. <i>Annals of Nuclear Medicine</i> , 2022, 36, 533-543.	2.2	3
53	Evaluation of Visualization Using a 50/50 (Contrast Media/Glucose 5% Solution) Technique for Radioembolization as an Alternative to a Standard Sandwich Technique. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 1740-1747.	2.0	2
54	Left-ventricular innervation assessed by <sup>123</sup> I-SPECT/CT is associated with cardiac events in inherited arrhythmia syndromes. <i>International Journal of Cardiology</i> , 2020, 312, 129-135.	1.7	2

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55	Quantitative myocardial perfusion SPECT/CT for the assessment of myocardial tracer uptake in patients with three-vessel coronary artery disease: Initial experiences and results. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2511-2520.	2.1	2
56	[68Ga]DOTA-TATE PET for the detection of early transplant rejection in a heterotopic allograft heart transplantation model of the rat: a pilot study. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2023, 67, .	0.7	2
57	Course of Disease and Clinical Management of Patients with Poorly Differentiated Thyroid Carcinoma. <i>Cancers</i> , 2021, 13, 5309.	3.7	2
58	Detection of cardiac apoptosis by [18F]ML-10 in a mouse model of permanent LAD ligation. <i>Molecular Imaging and Biology</i> , 2022, , 1.	2.6	2
59	Liver Function Changes After Technetium-99m-Macroaggregated Albumin Administration and Their Predictive Value Regarding Hepatotoxicity in Patients Undergoing Yttrium-90-Radioembolization. <i>Anticancer Research</i> , 2021, 41, 437-444.	1.1	1
60	The assessment of left ventricular mechanical dyssynchrony from gated 99mTc-tetrofosmin SPECT and gated 18F-FDG PET by QGS: a comparative study. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2350-2360.	2.1	1
61	Preoperative Imaging with [18F]-Fluorocholine PET/CT in Primary Hyperparathyroidism. <i>Journal of Clinical Medicine</i> , 2022, 11, 2944.	2.4	1
62	Integrin-targeted quantitative optoacoustic imaging with MRI correlation for monitoring a BRAF/MEK inhibitor combination therapy in a murine model of human melanoma. <i>PLoS ONE</i> , 2018, 13, e0204930.	2.5	0
63	Reply to: "Toxicity and dosimetry in SORAMIC study". <i>Journal of Hepatology</i> , 2020, 73, 735-736.	3.7	0
64	Initial Evaluation of Therapy Response after Adjuvant Radioiodine Therapy in Patients with Early-Stage Papillary Thyroid Cancer "Does Time Matter?". <i>Cancers</i> , 2022, 14, 501.	3.7	0
65	Assessment of left ventricular function with gated myocardial perfusion SPECT and gated myocardial FDG PET in patients with left ventricular mechanical dyssynchrony. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, , .	0.7	0
66	Modulation of Rxr $\alpha$ Expression in Mononuclear Phagocytes Impacts on Cardiac Remodeling after Ischemia-Reperfusion Injury. <i>Biomedicines</i> , 2022, 10, 1274.	3.2	0