# Gianmario Sambuceti

List of Publications by Year
in descending order

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| 238 | 8,149 | 47006 | 66911 |
|---|---|---|---|
| papers | citations | 47 h-index | 78 g-index |

| 241 | 241 | 241 | 10258 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Longitudinal analysis of atherosclerotic plaques evolution: an 18F-NaF PET/CT study. Journal of Nuclear Cardiology, 2022, 29, 1713-1723. | 2.1 | 8 |
| 2 | Functional innervation imaging in the evaluation of cardiotoxicity: Just the beginning of the journey. Journal of Nuclear Cardiology, 2022, 29, 2292-2294. | 2.1 | 1 |
| 3 | The prognostic power of inflammatory indices and clinical factors in metastatic castration-resistant prostate cancer patients treated with radium-223 (BIO-Ra study). European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1063-1074. | 6.4 | 24 |
| 4 | 18F-FDG-PET correlates of aging and disease course in ALS as revealed by distinct PVC approaches. European Journal of Radiology Open, 2022, 9, 100394. | 1.6 | 1 |
| 5 | Opportunistic skeletal muscle metrics as prognostic tools in metastatic castration-resistant prostate cancer patients candidates to receive Radium-223. Annals of Nuclear Medicine, 2022, 36, 373-383. | 2.2 | 6 |
| 6 | Clinical and FDG-PET/CT correlates in patients with polymyalgia rheumatica. Clinical and Experimental Rheumatology, 2022, 40, 78-85. | 0.8 | 7 |
| 7 | Beyond the Prognostic Value of 2-[18F]FDG PET/CT in Prostate Cancer: A Case Series and Literature Review Focusing on the Diagnostic Value and Impact on Patient Management. Diagnostics, 2022, 12, 581. | 2.6 | 4 |
| 8 | Prognostic Value of the BIO-Ra Score in Metastatic Castration-Resistant Prostate Cancer Patients Treated with Radium-223 after the European Medicines Agency Restricted Use: Secondary Investigations of the Multicentric BIO-Ra Study. Cancers, 2022, 14, 1744. | 3.7 | 7 |
| 9 | Mitochondrial Generated Redox Stress Differently Affects the Endoplasmic Reticulum of Circulating Lymphocytes and Monocytes in Treatment-NaÃ¯ve Hodgkinâ€™s Lymphoma. Antioxidants, 2022, 11, 762. | 5.1 | 2 |
| 10 | Associations among education, age, and the dementia with Lewy bodies (DLB) metabolic pattern: A Europeanâ€ÐLB consortium project. Alzheimer's and Dementia, 2021, 17, 1277-1286. | 0.8 | 5 |
| 11 | Brain Metabolic Correlates of Persistent Olfactory Dysfunction after SARS-Cov2 Infection. Biomedicines, 2021, 9, 287. | 3.2 | 39 |
| 12 | 18F-fluoro-2-deoxy-d-glucose (FDG) uptake. What are we looking at?. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1278-1286. | 6.4 | 11 |
| 13 | The prognostic power of 18F-FDG PET/CT extends to estimating systemic treatment response duration in metastatic castration-resistant prostate cancer (mCRPC) patients. Prostate Cancer and Prostatic Diseases, 2021, 24, 1198-1207. | 3.9 | 24 |
| 14 | The role of endoplasmic reticulum in in vivo cancer FDG kinetics. PLoS ONE, 2021, 16, e0252422. | 2.5 | 4 |
| 15 | The Role of the Immune Metabolic Prognostic Index in Patients with Non-Small Cell Lung Cancer (NSCLC) in Radiological Progression during Treatment with Nivolumab. Cancers, 2021, 13, 3117. | 3.7 | 17 |
| 16 | Two Novel PET Radiopharmaceuticals for Endothelial Vascular Cell Adhesion Molecule-1 (VCAM-1) Targeting. Pharmaceutics, 2021, 13, 1025. | 4.5 | 18 |
| 17 | Metformin and Cancer Glucose Metabolism: At the Bench or at the Bedside?. Biomolecules, 2021, 11, 1231. | 4.0 | 11 |
| 18 | Myocardial Metabolic Response Predicts Chemotherapy Curative Potential on Hodgkin Lymphoma: A Proof-of-Concept Study. Biomedicines, 2021, 9, 971. | 3.2 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Novel PET Tracers in the Management of Cardiac Sarcoidosis. Current Radiopharmaceuticals, 2021, 14, 220-227. | 0.8 | 1 |
| 20 | The Role of Endoplasmic Reticulum in the Differential Endurance against Redox Stress in Cortical and Spinal Astrocytes from the Newborn SOD1G93A Mouse Model of Amyotrophic Lateral Sclerosis. Antioxidants, 2021, 10, 1392. | 5.1 | 10 |
| 21 | Mathematical Models for FDG Kinetics in Cancer: A Review. Metabolites, 2021, 11, 519. | 2.9 | 2 |
| 22 | Therapeutic efficacy of proton transport inhibitors alone or in combination with cisplatinÂin triple negative and hormone sensitive breast cancer models. Cancer Medicine, 2021, 11, 183. | 2.8 | 4 |
| 23 | Clinical and FDG-PET/CT correlates in patients with polymyalgia rheumatica. Clinical and Experimental Rheumatology, 2021, , . | 0.8 | 1 |
| 24 | Spleen Perfusion as an Index of Gender Impact on Sympathetic Nervous System Response to Exercise. Frontiers in Physiology, 2021, 12, 780713. | 2.8 | 1 |
| 25 | Increased myocardial 18F-FDG uptake as a marker of Doxorubicin-induced oxidative stress. Journal of Nuclear Cardiology, 2020, 27, 2183-2194. | 2.1 | 29 |
| 26 | Cancer immunotherapy is accompanied by distinct metabolic patterns in primary and secondary lymphoid organs observed by non-invasive in vivo <sup>18</sup>F-FDG-PET. Theranostics, 2020, 10, 925-937. | 10.0 | 46 |
| 27 | FDG uptake tracks the oxidative damage in diabetic skeletal muscle: An experimental study. Molecular Metabolism, 2020, 31, 98-108. | 6.5 | 13 |
| 28 | Comparison Between <sup>18</sup>F-FDG PETâ€“Based and CT-Based Criteria in Nonâ€“Small Cell Lung Cancer Patients Treated with Nivolumab. Journal of Nuclear Medicine, 2020, 61, 990-998. | 5.0 | 44 |
| 29 | Metabolic Correlates of Dopaminergic Loss in Dementia with Lewy Bodies. Movement Disorders, 2020, 35, 595-605. | 3.9 | 42 |
| 30 | Role of Baseline and Post-Therapy 18F-FDG PET in the Prognostic Stratification of Metastatic Castration-Resistant Prostate Cancer (mCRPC) Patients Treated with Radium-223. Cancers, 2020, 12, 31. | 3.7 | 30 |
| 31 | Mathematical modelling of nuclear medicine data. , 2020, , . | | 3 |
| 32 | Two high-rate pentose-phosphate pathways in cancer cells. Scientific Reports, 2020, 10, 22111. | 3.3 | 19 |
| 33 | The Prognostic Role of Baseline Metabolic Tumor Burden and Systemic Inflammation Biomarkers in Metastatic Castration-Resistant Prostate Cancer Patients Treated with Radium-223: A Proof of Concept Study. Cancers, 2020, 12, 3213. | 3.7 | 22 |
| 34 | 18F-Fluorodeoxyglucose Positron Emission Tomography Tracks the Heterogeneous Brain Susceptibility to the Hyperglycemia-Related Redox Stress. International Journal of Molecular Sciences, 2020, 21, 8154. | 4.1 | 6 |
| 35 | Spinal cord hypermetabolism extends to skeletal muscle in amyotrophic lateral sclerosis: a computational approach to [18F]-fluorodeoxyglucose PET/CT images. EJNMMI Research, 2020, 10, 23. | 2.5 | 17 |
| 36 | Subretinally injected semiconducting polymer nanoparticles rescue vision in a rat model of retinal dystrophy. Nature Nanotechnology, 2020, 15, 698-708. | 31.5 | 129 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Editorial: Perspectives in Small Animal Radionuclide Imaging. Frontiers in Medicine, 2020, 7, 262. | 2.6 | 2 |
| 38 | Insulin-independent stimulation of skeletal muscle glucose uptake by low-dose abscisic acid via AMPK activation. Scientific Reports, 2020, 10, 1454. | 3.3 | 20 |
| 39 | The Elusive Link Between Cancer FDG Uptake and Glycolytic Flux Explains the Preserved Diagnostic Accuracy of PET/CT in Diabetes. Translational Oncology, 2020, 13, 100752. | 3.7 | 8 |
| 40 | Mechanisms underlying the predictive power of high skeletal muscle uptake of FDG in amyotrophic lateral sclerosis. EJNMMI Research, 2020, 10, 76. | 2.5 | 15 |
| 41 | Anthropometric and glucometabolic changes in an aged mouse model of lipocalin-2 overexpression. International Journal of Obesity, 2019, 43, 189-201. | 3.4 | 9 |
| 42 | Radionuclide Imaging of Cardiovascular Disease. , 2019, , 449-497. | | 0 |
| 43 | Automated Definition of Skeletal Disease Burden in Metastatic Prostate Carcinoma: A 3D Analysis of SPECT/CT Images. Cancers, 2019, 11, 869. | 3.7 | 1 |
| 44 | Molecular imaging of multiple sclerosis: from the clinical demand to novel radiotracers. EJNMMI Radiopharmacy and Chemistry, 2019, 4, 6. | 3.9 | 29 |
| 45 | Metabolic patterns across core features in dementia with lewy bodies. Annals of Neurology, 2019, 85, 715-725. | 5.3 | 47 |
| 46 | Head-to-Head Comparison among Semi-Quantification Tools of Brain FDG-PET to Aid the Diagnosis of Prodromal Alzheimerâ€™s Disease1. Journal of Alzheimer's Disease, 2019, 68, 383-394. | 2.6 | 14 |
| 47 | G6Pase location in the endoplasmic reticulum: Implications on compartmental analysis of FDG uptake in cancer cells. Scientific Reports, 2019, 9, 2794. | 3.3 | 22 |
| 48 | FDG-PET Imaging of Doxorubicin-Induced Cardiotoxicity: a New Window on an Old Problem. Current Cardiovascular Imaging Reports, 2019, 12, 1. | 0.6 | 5 |
| 49 | Neuroimaging findings and clinical trajectories of Lewy body disease in patients with MCI. Neurobiology of Aging, 2019, 76, 9-17. | 3.1 | 23 |
| 50 | Procedural Recommendations for Lymphoscintigraphy in the Diagnosis of Peripheral Lymphedema: the Genoa Protocol. Nuclear Medicine and Molecular Imaging, 2019, 53, 47-56. | 1.0 | 22 |
| 51 | Obligatory role of endoplasmic reticulum in brain FDG uptake. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1184-1196. | 6.4 | 24 |
| 52 | The Metabolic Pattern of Idiopathic REM Sleep Behavior Disorder Reflects Early-Stage Parkinson Disease. Journal of Nuclear Medicine, 2018, 59, 1437-1444. | 5.0 | 80 |
| 53 | Reference Tissue Models for FDG-PET Data: Identifiability and Solvability. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 177-186. | 3.7 | 9 |
| 54 | Reply: Doxorubicin Effect on Myocardial Metabolism as a Prerequisite for Subsequent Development of Cardiac Toxicity: Are There Unsuspected Confounders?. Journal of Nuclear Medicine, 2018, 59, 713.2-714. | 5.0 | 1 |

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|---|---|---|---|
| 55 | Metabolic correlates of reserve and resilience in MCI due to Alzheimer's Disease (AD). Alzheimer's Research and Therapy, 2018, 10, 35. | 6.2 | 22 |
| 56 | Small-Animal 18F-FDG PET for Research on Octopus vulgaris: Applications and Future Directions in Invertebrate Neuroscience and Tissue Regeneration. Journal of Nuclear Medicine, 2018, 59, 1302-1307. | 5.0 | 12 |
| 57 | Prevention of systemic toxicity in hyperthermic isolated lung perfusion using radioisotopic leakage monitoring. International Journal of Hyperthermia, 2018, 34, 469-478. | 2.5 | 1 |
| 58 | Effect of starvation on brain glucose metabolism and 18F-2-fluoro-2-deoxyglucose uptake: an experimental in-vivo and ex-vivo study. EJNMMI Research, 2018, 8, 44. | 2.5 | 14 |
| 59 | Enhancement of Tumor Homing by Chemotherapyâ€Loaded Nanoparticles. Small, 2018, 14, e1802886. | 10.0 | 23 |
| 60 | An increase in myocardial 18-fluorodeoxyglucose uptake is associated with left ventricular ejection fraction decline in Hodgkin lymphoma patients treated with anthracycline. Journal of Translational Medicine, 2018, 16, 295. | 4.4 | 43 |
| 61 | Interplay between spinal cord and cerebral cortex metabolism in amyotrophic lateral sclerosis. Brain, 2018, 141, 2272-2279. | 7.6 | 33 |
| 62 | Assessment of Skeletal Tumor Load in Metastasized Castration-Resistant Prostate Cancer Patients: A Review of Available Methods and an Overview on Future Perspectives. Bioengineering, 2018, 5, 58. | 3.5 | 3 |
| 63 | Metabolic and densitometric correlation between atherosclerotic plaque and trabecular bone: an F-Natrium-Fluoride PET/CT study. American Journal of Nuclear Medicine and Molecular Imaging, 2018, 8, 387-396. | 1.0 | 2 |
| 64 | Comparison of coronary flow reserve estimated by dynamic radionuclide SPECT and multi-detector x-ray CT. Journal of Nuclear Cardiology, 2017, 24, 1712-1721. | 2.1 | 10 |
| 65 | Progressive Disintegration of Brain Networking from Normal Aging to Alzheimer Disease: Analysis of Independent Components of <sup>18</sup>F-FDG PET Data. Journal of Nuclear Medicine, 2017, 58, 1132-1139. | 5.0 | 41 |
| 66 | A fully organic retinal prosthesis restores vision in a rat model of degenerative blindness. Nature Materials, 2017, 16, 681-689. | 27.5 | 232 |
| 67 | Circulating Tumor DNA Reflects Tumor Metabolism Rather Than Tumor Burden in Chemotherapy-Naive Patients with Advanced Nonâ€“Small Cell Lung Cancer: <sup>18</sup>F-FDG PET/CT Study. Journal of Nuclear Medicine, 2017, 58, 1764-1769. | 5.0 | 44 |
| 68 | MA10.09 Comparison between CT Scan Evaluation Criteria and PERCIST for Evaluation of Immune Check-Point Inhibitors Response. Journal of Thoracic Oncology, 2017, 12, S401-S402. | 1.1 | 0 |
| 69 | Radionuclide imaging of subendocardial ischaemia: an insight into coronary pathophysiology or a technical artefact?. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 861-865. | 6.4 | 1 |
| 70 | <sup>18</sup> F-Fluorodeoxyglucose Imaging of Inflammation. Circulation: Cardiovascular Imaging, 2017, 10, e006185. | 2.6 | 2 |
| 71 | Abscisic acid enhances glucose disposal and induces brown fat activity in adipocytes in vitro and in vivo. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 131-144. | 2.4 | 32 |
| 72 | Functional Activation of Osteoclast Commitment in Chronic Lymphocytic Leukaemia: a Possible Role for RANK/RANKL Pathway. Scientific Reports, 2017, 7, 14159. | 3.3 | 14 |

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|---|---|---|---|
| 73 | A physiology-based parametric imaging method for FDGâ€“PET data. Inverse Problems, 2017, 33, 125010. | 2.0 | 12 |
| 74 | The Alzheimerâ€™s disease metabolic brain pattern in mild cognitive impairment. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3643-3648. | 4.3 | 29 |
| 75 | 18Fâ€“FDG PET diagnostic and prognostic patterns do not overlap in Alzheimerâ€™s disease (AD) patients at the mild cognitive impairment (MCI) stage. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 2073-2083. | 6.4 | 29 |
| 76 | Prediction of cognitive worsening in de novo Parkinson's disease: Clinical use of biomarkers. Movement Disorders, 2017, 32, 1738-1747. | 3.9 | 43 |
| 77 | Doxorubicin Effect on Myocardial Metabolism as a Prerequisite for Subsequent Development of Cardiac Toxicity: A Translational <sup>18</sup>F-FDG PET/CT Observation. Journal of Nuclear Medicine, 2017, 58, 1638-1645. | 5.0 | 65 |
| 78 | Early identification of MCI converting to AD: a FDG PET study. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 2042-2052. | 6.4 | 83 |
| 79 | Relationship between circulating anti-thyroglobulin antibodies (TgAb) and tumor metabolism in patients with differentiated thyroid cancer (DTC): prognostic implications. Journal of Endocrinological Investigation, 2017, 40, 417-424. | 3.3 | 18 |
| 80 | A Score-Based Approach to 18F-FDG PET Images as a Tool to Describe Metabolic Predictors of Myocardial Doxorubicin Susceptibility. Diagnostics, 2017, 7, 57. | 2.6 | 11 |
| 81 | Tumor Burden and Intraosseous Metabolic Activity as Predictors of Bone Marrow Failure during Radioisotope Therapy in Metastasized Prostate Cancer Patients. BioMed Research International, 2017, 2017, 1-10. | 1.9 | 12 |
| 82 | Comparative diagnostic accuracy of <sup>18</sup>F-FDG PET/CT for breast cancer recurrence. Breast Cancer: Targets and Therapy, 2017, Volume 9, 461-471. | 1.8 | 12 |
| 83 | Evaluation of response to immune checkpoint inhibitors: Is there a role for positron emission tomography?. World Journal of Radiology, 2017, 9, 27. | 1.1 | 17 |
| 84 | Cardiac and aortic involvement in patients with polymyalgia rheumatica: a study with echocardiography and FDG-PET/CT. Clinical and Experimental Rheumatology, 2017, 35 Suppl 103, 224. | 0.8 | 1 |
| 85 | Diagnostic value of ischemia severity at myocardial perfusion imaging in elderly persons with suspected coronary disease. Journal of Cardiovascular Medicine, 2016, 17, 719-728. | 1.5 | 4 |
| 86 | Mapping brain morphological and functional conversion patterns in predementia late-onset bvFTD. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1337-1347. | 6.4 | 27 |
| 87 | Multicentre multi-device hybrid imaging study of coronary artery disease: results from the EValuation of INtegrated Cardiac Imaging for the Detection and Characterization of Ischaemic Heart Disease (EVINCI) hybrid imaging population. European Heart Journal Cardiovascular Imaging, 2016, 17, 951-960. | 1.2 | 95 |
| 88 | Predicting the transition from normal aging to Alzheimer's disease: A statistical mechanistic evaluation of FDG-PET data. NeuroImage, 2016, 141, 282-290. | 4.2 | 36 |
| 89 | A PET/CT approach to spinal cord metabolism in amyotrophic lateral sclerosis. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2061-2071. | 6.4 | 27 |
| 90 | Discovery of a novel glucose metabolism in cancer: The role of endoplasmic reticulum beyond glycolysis and pentose phosphate shunt. Scientific Reports, 2016, 6, 25092. | 3.3 | 67 |

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|---|---|---|---|
| 91 | Divergent targets of glycolysis and oxidative phosphorylation result in additive effects of metformin and starvation in colon and breast cancer. Scientific Reports, 2016, 6, 19569. | 3.3 | 43 |
| 92 | HT-BONE: a graphical user interface for the identification of bone profiles in CT images via extended Hough transform. , 2016, , . | | 3 |
| 93 | Positive PET in a Patient With Esophageal Leiomyoma. American Journal of Gastroenterology, 2016, 111, 767. | 0.4 | 4 |
| 94 | A mathematical model for the vessel recruitment in coronary microcirculation in the absence of active autoregulation. Microvascular Research, 2016, 104, 38-45. | 2.5 | 1 |
| 95 | Baseline and ongoing PET-derived factors predict detrimental effect or potential utility of 18F-FDG PET/CT (FDG-PET/CT) performed for surveillance in asymptomatic lymphoma patients in first remission. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 232-239. | 6.4 | 9 |
| 96 | Correlation between thoracic aorta 18F-natrium fluoride uptake and cardiovascular risk. World Journal of Radiology, 2016, 8, 82. | 1.1 | 15 |
| 97 | Comparisons between glucose analogue 2-deoxy-2-(<sup>18</sup>F)fluoro-D-glucose and<sup>18</sup>F-sodium fluoride positron emission tomography/computed tomography in breast cancer patients with bone lesions. World Journal of Radiology, 2016, 8, 200. | 1.1 | 13 |
| 98 | Sequential use of vinorelbine followed by gefitinib enhances the antitumor effect in <scp>NSCLC</scp> cell lines poorly responsive to reversible <scp>EGFR</scp> tyrosine kinase inhibitors. International Journal of Cancer, 2015, 137, 2947-2958. | 5.1 | 11 |
| 99 | A new compartmental method for the analysis of liver FDG kinetics in small animal models. EJNMMI Research, 2015, 5, 107. | 2.5 | 19 |
| 100 | The Role of the Serotonergic System in REM Sleep Behavior Disorder. Sleep, 2015, 38, 1505-1509. | 1.1 | 36 |
| 101 | Cardiac resynchronization therapy and cardiac sympathetic function. European Journal of Clinical Investigation, 2015, 45, 792-799. | 3.4 | 18 |
| 102 | Fasting induces anti-Warburg effect that increases respiration but reduces ATP-synthesis to promote apoptosis in colon cancer models. Oncotarget, 2015, 6, 11806-11819. | 1.8 | 127 |
| 103 | IGF1 regulates PKM2 function through Akt phosphorylation. Cell Cycle, 2015, 14, 1559-1567. | 2.6 | 42 |
| 104 | A New Integrated Clinical-Biohumoral Model to PredictÂFunctionally Significant Coronary Artery Disease inÂPatients With Chronic Chest Pain. Canadian Journal of Cardiology, 2015, 31, 709-716. | 1.7 | 19 |
| 105 | <sup>18</sup>F-NaF Uptake by Atherosclerotic Plaque on PET/CT Imaging: Inverse Correlation Between Calcification Density and Mineral Metabolic Activity. Journal of Nuclear Medicine, 2015, 56, 1019-1023. | 5.0 | 73 |
| 106 | Volume of interest-based [18F]fluorodeoxyglucose PET discriminates MCI converting to Alzheimer's disease from healthy controls. A European Alzheimer's Disease Consortium (EADC) study. NeuroImage: Clinical, 2015, 7, 34-42. | 2.7 | 85 |
| 107 | Detection of Significant Coronary Artery Disease by Noninvasive Anatomical and Functional Imaging. Circulation: Cardiovascular Imaging, 2015, 8, . | 2.6 | 286 |
| 108 | Neuroblastoma-targeted nanocarriers improve drug delivery and penetration, delay tumor growth and abrogate metastatic diffusion. Biomaterials, 2015, 68, 89-99. | 11.4 | 36 |

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|---|---|---|---|
| 109 | Added prognostic value of ischaemic threshold in radionuclide myocardial perfusion imaging: a common-sense integration of exercise tolerance and ischaemia severity. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 750-760. | 6.4 | 5 |
| 110 | Allogeneic cell transplant expands bone marrow distribution by colonizing previously abandoned areas: an FDG PET/CT analysis. Blood, 2015, 125, 4095-4102. | 1.4 | 23 |
| 111 | Role of [18F]Fluorodeoxyglucose Positron Emission Tomography-Computed Tomography for Diagnosis and Treatment of Sarcoidosis in an HIV-2-Infected Patient. AIDS Research and Human Retroviruses, 2015, 31, 868-869. | 1.1 | 0 |
| 112 | Nigro-caudate dopaminergic deafferentation: a marker of REM sleep behavior disorder?. Neurobiology of Aging, 2015, 36, 3300-3305. | 3.1 | 63 |
| 113 | Pathophysiological basis of myocardial innervation imaging in heart failure. Clinical and Translational Imaging, 2015, 3, 347-355. | 2.1 | 3 |
| 114 | Heterogeneous response of cardiac sympathetic function to cardiac resynchronization therapy in heart failure documented by 11[C]-hydroxy-ephedrine and PET/CT. Nuclear Medicine and Biology, 2015, 42, 858-863. | 0.6 | 11 |
| 115 | Visual Versus Semi-Quantitative Analysis of 18F-FDG-PET in Amnestic MCI: An European Alzheimer's Disease Consortium (EADC) Project. Journal of Alzheimer's Disease, 2015, 44, 815-826. | 2.6 | 67 |
| 116 | Metformin inhibits cell cycle progression of B-cell chronic lymphocytic leukemia cells. Oncotarget, 2015, 6, 22624-22640. | 1.8 | 30 |
| 117 | Diagnostic and prognostic value of 18F-FDG PET/CT in comparison with morphological imaging in primary adrenal gland malignancies - a multicenter experience. Hellenic Journal of Nuclear Medicine, 2015, 18, 97-102. | 0.3 | 24 |
| 118 | 18F-FDG PET/CT is a prognostic biomarker in patients affected by bone metastases from breast cancer in comparison with 18F-NaF PET/CT. Nuklearmedizin - NuclearMedicine, 2015, 54, 163-172. | 0.7 | 18 |
| 119 | Metformin and cancer: Technical and clinical implications for FDG-PET imaging. World Journal of Radiology, 2015, 7, 57. | 1.1 | 10 |
| 120 | 18F-fluorodeoxyglucose PET/CT in aplastic anemia: a literature review and the potential of a computational approach. Clinical Practice (London, England), 2014, 11, 613-621. | 0.1 | 4 |
| 121 | Interspinous bursitis is common in polymyalgia rheumatica, but is not associated with spinal pain. Arthritis Research and Therapy, 2014, 16, 492. | 3.5 | 30 |
| 122 | Efficacy of sorafenib and impact on cardiac function in patients with thyroid cancer: a retrospective analysis. Journal of Endocrinological Investigation, 2014, 37, 1099-1108. | 3.3 | 3 |
| 123 | Adult Advanced Chronic Lymphocytic Leukemia: Computational Analysis of Whole-Body CT Documents a Bone Structure Alteration. Radiology, 2014, 271, 805-813. | 7.3 | 24 |
| 124 | Polymyalgia rheumatica or lymphoma recurrence? Positron emission tomography/computed tomography is a specific imaging technique that helps differential diagnosis. Rheumatology, 2014, 53, 809-809. | 1.9 | 0 |
| 125 | Nuclear Cardiology in Heart Failure. Current Cardiovascular Imaging Reports, 2014, 7, 1. | 0.6 | 1 |
| 126 | Divergent determinants of 18Fâ€“NaF uptake and visible calcium deposition in large arteries: relationship with Framingham risk score. International Journal of Cardiovascular Imaging, 2014, 30, 439-447. | 1.5 | 47 |

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|---|---|---|---|
| 127 | A novel description of FDG excretion in the renal system: application to metformin-treated models. Physics in Medicine and Biology, 2014, 59, 2469-2484. | 3.0 | 20 |
| 128 | Implementation strategies of Systems Medicine in clinical research and home care for cardiovascular disease patients. European Journal of Internal Medicine, 2014, 25, 785-794. | 2.2 | 9 |
| 129 | Metformin, cancer and glucose metabolism. Endocrine-Related Cancer, 2014, 21, R461-R471. | 3.1 | 91 |
| 130 | Contrast-enhanced [18â€‰F] fluorodeoxyglucose-positron emission tomography/computed tomography in clinical oncology: tumor-, site-, and question-based comparison with standard positron emission tomography/computed tomography. Cancer Imaging, 2014, 14, 10. | 2.8 | 10 |
| 131 | Metabolic Correlates of Rey Auditory Verbal Learning Test in Elderly Subjects with Memory Complaints. Journal of Alzheimer's Disease, 2014, 39, 103-113. | 2.6 | 39 |
| 132 | <sup>11</sup>C-mHED for PET / CT: Principles of Synthesis, Methodology and First Clinical Applications. Current Radiopharmaceuticals, 2014, 7, 79-83. | 0.8 | 5 |
| 133 | Microalbuminuria predicts silent myocardial ischaemia in type 2 diabetes patients. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 548-557. | 6.4 | 13 |
| 134 | 1,25-Dihydroxy vitamin D and coronary microvascular function. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 280-289. | 6.4 | 9 |
| 135 | Tissue specificity in fasting glucose utilization in slightly obese diabetic patients submitted to bariatric surgery. Obesity, 2013, 21, E175-81. | 3.0 | 8 |
| 136 | An optimisation approach to multiprobe cryosurgery planning. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 885-895. | 1.6 | 21 |
| 137 | Comparison of Sulfur Hexafluoride Microbubble (SonoVue)-Enhanced Myocardial Contrast Echocardiography With Gated Single-Photon Emission Computed Tomography for Detection of Significant Coronary Artery Disease. Journal of the American College of Cardiology, 2013, 62, 1353-1361. | 2.8 | 97 |
| 138 | Metformin selectively affects human glioblastoma tumor-initiating cell viability. Cell Cycle, 2013, 12, 145-156. | 2.6 | 154 |
| 139 | Metabolic Networks Underlying Cognitive Reserve in Prodromal Alzheimer Disease: A European Alzheimer Disease Consortium Project. Journal of Nuclear Medicine, 2013, 54, 894-902. | 5.0 | 108 |
| 140 | Metformin Temporal and Localized Effects on Gut Glucose Metabolism Assessed Using <sup>18</sup>F-FDG PET in Mice. Journal of Nuclear Medicine, 2013, 54, 259-266. | 5.0 | 50 |
| 141 | High frequency of capsular knee involvement in polymyalgia rheumatica/giant cell arteritis patients studied by positron emission tomography. Rheumatology, 2013, 52, 1865-1872. | 1.9 | 35 |
| 142 | Pattern recognition in medical imaging by means of the Hough transform of curves. , 2013, , . | | 4 |
| 143 | Direct inhibition of hexokinase activity by metformin at least partially impairs glucose metabolism and tumor growth in experimental breast cancer. Cell Cycle, 2013, 12, 3490-3499. | 2.6 | 124 |
| 144 | Metformin Impairs Glucose Consumption and Survival in Calu-1 Cells by Direct Inhibition of Hexokinase-II. Scientific Reports, 2013, 3, 2070. | 3.3 | 100 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | CD16<sup>+</sup>Monocyte Subsets Are Increased in Large Abdominal Aortic Aneurysms and Are Differentially Related with Circulating and Cell-Associated Biochemical and Inflammatory Biomarkers. Disease Markers, 2013, 34, 131-142. | 1.3 | 34 |
| 146 | Estimate of FDG Excretion by means of Compartmental Analysis and Ant Colony Optimization of Nuclear Medicine Data. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-10. | 1.3 | 10 |
| 147 | Use of the Uteroglobin Platform for the Expression of a Bivalent Antibody against Oncofetal Fibronectin in Escherichia coli. PLoS ONE, 2013, 8, e82878. | 2.5 | 0 |
| 148 | Intrabone Transplant of Cord Blood Stem Cells Establishes a Local Engraftment Store: A Functional PET/FDG Study. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-8. | 3.0 | 8 |
| 149 | A Positron Emission Tomography/Computed Tomography (PET/CT) Evaluation of Asymptomatic Abdominal Aortic Aneurysms: Another Point of View. Annals of Vascular Surgery, 2012, 26, 491-499. | 0.9 | 35 |
| 150 | What predicts cognitive decline in de novo Parkinson's disease?. Neurobiology of Aging, 2012, 33, 1127.e11-1127.e20. | 3.1 | 34 |
| 151 | Resting metabolic connectivity in prodromal Alzheimer's disease. A European Alzheimer Disease Consortium (EADC) project. Neurobiology of Aging, 2012, 33, 2533-2550. | 3.1 | 108 |
| 152 | Estimating the whole bone-marrow asset in humans by a computational approach to integrated PET/CT imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1326-1338. | 6.4 | 51 |
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