

Gianmario Sambuceti

List of Publications by Year in descending order

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238
papers

8,149
citations

47006

47
h-index

66911

78
g-index

241
all docs

241
docs citations

241
times ranked

10258
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Role of Myocardial Blood Flow Impairment in Idiopathic Left Ventricular Dysfunction. <i>Circulation</i> , 2002, 105, 186-193.	1.6	401
2	Detection of Significant Coronary Artery Disease by Noninvasive Anatomical and Functional Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	286
3	Mesenchymal stem cells impair in vivo T-cell priming by dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17384-17389.	7.1	241
4	A fully organic retinal prosthesis restores vision in a rat model of degenerative blindness. <i>Nature Materials</i> , 2017, 16, 681-689.	27.5	232
5	Value of rest thallium-201/technetium-99m sestamibi scans and dobutamine echocardiography for detecting myocardial viability. <i>American Journal of Cardiology</i> , 1993, 71, 166-172.	1.6	220
6	I-123-mIBG myocardial imaging for assessment of risk for a major cardiac event in heart failure patients: insights from a retrospective European multicenter study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 535-546.	6.4	199
7	Myocardial Blood Flow Response to Pacing Tachycardia and to Dipyridamole Infusion in Patients With Dilated Cardiomyopathy Without Overt Heart Failure. <i>Circulation</i> , 1995, 92, 796-804.	1.6	184
8	Metformin selectively affects human glioblastoma tumor-initiating cell viability. <i>Cell Cycle</i> , 2013, 12, 145-156.	2.6	154
9	Myocardial blood flow distribution in patients with ischemic heart disease or dilated cardiomyopathy undergoing heart transplantation.. <i>Circulation</i> , 1993, 88, 509-522.	1.6	131
10	Subretinally injected semiconducting polymer nanoparticles rescue vision in a rat model of retinal dystrophy. <i>Nature Nanotechnology</i> , 2020, 15, 698-708.	31.5	129
11	Fasting induces anti-Warburg effect that increases respiration but reduces ATP-synthesis to promote apoptosis in colon cancer models. <i>Oncotarget</i> , 2015, 6, 11806-11819.	1.8	127
12	Direct inhibition of hexokinase activity by metformin at least partially impairs glucose metabolism and tumor growth in experimental breast cancer. <i>Cell Cycle</i> , 2013, 12, 3490-3499.	2.6	124
13	Cardiac computed tomography and myocardial perfusion scintigraphy for risk stratification in asymptomatic individuals without known cardiovascular disease: a position statement of the Working Group on Nuclear Cardiology and Cardiac CT of the European Society of Cardiology. <i>European Heart Journal</i> . 2011. 32. 1986-1993.	2.2	122
14	Resting metabolic connectivity in prodromal Alzheimer's disease. A European Alzheimer Disease Consortium (EADC) project. <i>Neurobiology of Aging</i> , 2012, 33, 2533-2550.	3.1	108
15	Metabolic Networks Underlying Cognitive Reserve in Prodromal Alzheimer Disease: A European Alzheimer Disease Consortium Project. <i>Journal of Nuclear Medicine</i> , 2013, 54, 894-902.	5.0	108
16	Metformin Impairs Glucose Consumption and Survival in Calu-1 Cells by Direct Inhibition of Hexokinase-II. <i>Scientific Reports</i> , 2013, 3, 2070.	3.3	100
17	Comparison of Sulfur Hexafluoride Microbubble (SonoVue)-Enhanced Myocardial Contrast Echocardiography With Gated Single-Photon Emission Computed Tomography for Detection of Significant Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1353-1361.	2.8	97
18	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. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 951-960.	1.2	95

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19	Metformin, cancer and glucose metabolism. <i>Endocrine-Related Cancer</i> , 2014, 21, R461-R471.	3.1	91
20	Coronary Vasoconstriction During Myocardial Ischemia Induced by Rises in Metabolic Demand in Patients With Coronary Artery Disease. <i>Circulation</i> , 1997, 95, 2652-2659.	1.6	86
21	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. <i>NeuroImage: Clinical</i> , 2015, 7, 34-42.	2.7	85
22	Assessment of anatomic and physiological severity of single-vessel coronary artery lesions by dipyridamole echocardiography. Comparison with positron emission tomography and quantitative arteriography. <i>Circulation</i> , 1994, 89, 753-761.	1.6	83
23	Spatial and Temporal Heterogeneity of Regional Myocardial Uptake in Patients Without Heart Disease Under Fasting Conditions on Repeated Whole-Body 18F-FDG PET/CT. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1662-1669.	5.0	83
24	Cognitiveâ€nigrostriatal relationships in de novo, drugâ€naÃve Parkinson's disease patients: A [123I]FPa€CIT SPECT study. <i>Movement Disorders</i> , 2010, 25, 35-43.	3.9	83
25	Early identification of MCI converting to AD: a FDG PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2042-2052.	6.4	83
26	The Metabolic Pattern of Idiopathic REM Sleep Behavior Disorder Reflects Early-Stage Parkinson Disease. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1437-1444.	5.0	80
27	Alteration in regulation of myocardial blood flow in one-vessel coronary artery disease determined by positron emission tomography. <i>American Journal of Cardiology</i> , 1993, 72, 538-543.	1.6	77
28	Homogeneously Reduced Versus Regionally Impaired Myocardial Blood Flow in Hypertensive Patients: Two Different Patterns of Myocardial Perfusion Associated With Degree of Hypertrophy. <i>Journal of the American College of Cardiology</i> , 1998, 31, 366-373.	2.8	76
29	Diabetes Impairs the Vascular Recruitment of Normal Stem Cells by Oxidant Damage, Reversed by Increases in pAMPK, Heme Oxygenase-1, and Adiponectin. <i>Stem Cells</i> , 2009, 27, 399-407.	3.2	75
30	Global alteration in perfusion response to increasing oxygen consumption in patients with single-vessel coronary artery disease. <i>Circulation</i> , 1994, 90, 1696-1705.	1.6	73
31	¹⁸ F-NaF Uptake by Atherosclerotic Plaque on PET/CT Imaging: Inverse Correlation Between Calcification Density and Mineral Metabolic Activity. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1019-1023.	5.0	73
32	Coronary microcirculatory vasoconstriction during ischemia in patients with unstable angina. <i>Journal of the American College of Cardiology</i> , 2000, 35, 327-334.	2.8	71
33	Paradoxical Increase in Microvascular Resistance During Tachycardia Downstream From a Severe Stenosis in Patients With Coronary Artery Disease. <i>Circulation</i> , 2001, 103, 2352-2360.	1.6	71
34	Visual Versus Semi-Quantitative Analysis of 18F-FDG-PET in Amnesic MCI: An European Alzheimer's Disease Consortium (EADC) Project. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 815-826.	2.6	67
35	Discovery of a novel glucose metabolism in cancer: The role of endoplasmic reticulum beyond glycolysis and pentose phosphate shunt. <i>Scientific Reports</i> , 2016, 6, 25092.	3.3	67
36	<i>In Vivo</i> Imaging Shows Abnormal Function of Vascular Endothelial Growth Factor-Induced Vasculature. <i>Human Gene Therapy</i> , 2007, 18, 515-524.	2.7	66

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37	Doxorubicin Effect on Myocardial Metabolism as a Prerequisite for Subsequent Development of Cardiac Toxicity: A Translational ¹⁸ F-FDG PET/CT Observation. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1638-1645.	5.0	65
38	Comparative Effects of Enalapril and Verapamil on Myocardial Blood Flow in Systemic Hypertension. <i>Circulation</i> , 1997, 96, 864-873.	1.6	65
39	Assessing the need for nuclear cardiology and other advanced cardiac imaging modalities in the developing world. <i>Journal of Nuclear Cardiology</i> , 2009, 16, 956-961.	2.1	64
40	Amnesic mild cognitive impairment in Parkinson's disease: A brain perfusion SPECT study. <i>Movement Disorders</i> , 2009, 24, 414-421.	3.9	63
41	Nigro-caudate dopaminergic deafferentation: a marker of REM sleep behavior disorder?. <i>Neurobiology of Aging</i> , 2015, 36, 3300-3305.	3.1	63
42	Unawareness of Memory Deficit in Amnesic MCI: FDG-PET Findings. <i>Journal of Alzheimer's Disease</i> , 2010, 22, 993-1003.	2.6	59
43	Microvascular dysfunction in collateral-dependent myocardium. <i>Journal of the American College of Cardiology</i> , 1995, 26, 615-623.	2.8	56
44	Evaluation of compartmental and spectral analysis models of [¹⁸ F]FDG kinetics for heart and brain studies with PET. <i>IEEE Transactions on Biomedical Engineering</i> , 1998, 45, 1429-1448.	4.2	55
45	Accuracy and safety of technetium-99m hexakis 2-methoxy-2-isobutyl isonitrile (Sestamibi) myocardial scintigraphy with high dose dipyridamole test in patients with effort angina pectoris: A multicenter study. <i>Journal of the American College of Cardiology</i> , 1991, 18, 1439-1444.	2.8	51
46	Estimating the whole bone-marrow asset in humans by a computational approach to integrated PET/CT imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1326-1338.	6.4	51
47	Metformin Temporal and Localized Effects on Gut Glucose Metabolism Assessed Using ¹⁸ F-FDG PET in Mice. <i>Journal of Nuclear Medicine</i> , 2013, 54, 259-266.	5.0	50
48	Residual coronary reserve identifies segmental viability in patients with wall motion abnormalities. <i>Journal of the American College of Cardiology</i> , 1995, 26, 342-350.	2.8	49
49	Structural Abnormalities of the Coronary Arterial Wall "in Addition to Luminal Narrowing" Affect Myocardial Blood Flow Reserve. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1704-1712.	5.0	48
50	Divergent determinants of ¹⁸ F-NaF uptake and visible calcium deposition in large arteries: relationship with Framingham risk score. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 439-447.	1.5	47
51	Metabolic patterns across core features in dementia with lewy bodies. <i>Annals of Neurology</i> , 2019, 85, 715-725.	5.3	47
52	Cancer immunotherapy is accompanied by distinct metabolic patterns in primary and secondary lymphoid organs observed by non-invasive <i>in vivo</i> ¹⁸ F-FDG-PET. <i>Theranostics</i> , 2020, 10, 925-937.	10.0	46
53	Circulating Tumor DNA Reflects Tumor Metabolism Rather Than Tumor Burden in Chemotherapy-Naive Patients with Advanced Non-Small Cell Lung Cancer: ¹⁸ F-FDG PET/CT Study. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1764-1769.	5.0	44
54	Comparison Between ¹⁸ F-FDG PET-Based and CT-Based Criteria in Non-Small Cell Lung Cancer Patients Treated with Nivolumab. <i>Journal of Nuclear Medicine</i> , 2020, 61, 990-998.	5.0	44

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55	Divergent targets of glycolysis and oxidative phosphorylation result in additive effects of metformin and starvation in colon and breast cancer. <i>Scientific Reports</i> , 2016, 6, 19569.	3.3	43
56	Prediction of cognitive worsening in de novo Parkinson's disease: Clinical use of biomarkers. <i>Movement Disorders</i> , 2017, 32, 1738-1747.	3.9	43
57	An increase in myocardial 18-fluorodeoxyglucose uptake is associated with left ventricular ejection fraction decline in Hodgkin lymphoma patients treated with anthracycline. <i>Journal of Translational Medicine</i> , 2018, 16, 295.	4.4	43
58	Recombinant P-selectin glycoprotein ligand-immunoglobulin, a P-selectin antagonist, as an adjunct to thrombolysis in acute myocardial infarction. The P-Selectin Antagonist Limiting Myonecrosis (PSALM) trial. <i>American Heart Journal</i> , 2006, 152, 125.e1-125.e8.	2.7	42
59	IGF1 regulates PKM2 function through Akt phosphorylation. <i>Cell Cycle</i> , 2015, 14, 1559-1567.	2.6	42
60	Metabolic Correlates of Dopaminergic Loss in Dementia with Lewy Bodies. <i>Movement Disorders</i> , 2020, 35, 595-605.	3.9	42
61	Progressive Disintegration of Brain Networking from Normal Aging to Alzheimer Disease: Analysis of Independent Components of ¹⁸ F-FDG PET Data. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1132-1139.	5.0	41
62	Regional myocardial blood flow in stable angina pectoris associated with isolated significant narrowing of either the left anterior descending or left circumflex coronary artery. <i>American Journal of Cardiology</i> , 1993, 72, 990-994.	1.6	40
63	Metabolic Correlates of Rey Auditory Verbal Learning Test in Elderly Subjects with Memory Complaints. <i>Journal of Alzheimer's Disease</i> , 2014, 39, 103-113.	2.6	39
64	Brain Metabolic Correlates of Persistent Olfactory Dysfunction after SARS-Cov2 Infection. <i>Biomedicines</i> , 2021, 9, 287.	3.2	39
65	The Role of the Serotonergic System in REM Sleep Behavior Disorder. <i>Sleep</i> , 2015, 38, 1505-1509.	1.1	36
66	Neuroblastoma-targeted nanocarriers improve drug delivery and penetration, delay tumor growth and abrogate metastatic diffusion. <i>Biomaterials</i> , 2015, 68, 89-99.	11.4	36
67	Predicting the transition from normal aging to Alzheimer's disease: A statistical mechanistic evaluation of FDG-PET data. <i>NeuroImage</i> , 2016, 141, 282-290.	4.2	36
68	A Positron Emission Tomography/Computed Tomography (PET/CT) Evaluation of Asymptomatic Abdominal Aortic Aneurysms: Another Point of View. <i>Annals of Vascular Surgery</i> , 2012, 26, 491-499.	0.9	35
69	High frequency of capsular knee involvement in polymyalgia rheumatica/giant cell arteritis patients studied by positron emission tomography. <i>Rheumatology</i> , 2013, 52, 1865-1872.	1.9	35
70	Residual coronary reserve despite decreased resting blood flow in patients with critical coronary lesions. A study by technetium-99m human albumin microsphere myocardial scintigraphy. <i>Circulation</i> , 1993, 87, 330-344.	1.6	34
71	What predicts cognitive decline in de novo Parkinson's disease?. <i>Neurobiology of Aging</i> , 2012, 33, 1127.e11-1127.e20.	3.1	34
72	CD16 ⁺ Monocyte Subsets Are Increased in Large Abdominal Aortic Aneurysms and Are Differentially Related with Circulating and Cell-Associated Biochemical and Inflammatory Biomarkers. <i>Disease Markers</i> , 2013, 34, 131-142.	1.3	34

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73	Interplay between spinal cord and cerebral cortex metabolism in amyotrophic lateral sclerosis. <i>Brain</i> , 2018, 141, 2272-2279.	7.6	33
74	Platelet glycoprotein IIb/IIIa receptor blockade and coronary resistance in unstable angina. <i>Journal of the American College of Cardiology</i> , 2002, 40, 2102-2109.	2.8	32
75	Improved myocardial perfusion in chronic diabetic mice by the up-regulation of pLKB1 and AMPK signaling. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 1033-1044.	2.6	32
76	Brain perfusion correlates of cognitive and nigrostriatal functions in de novo Parkinson's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 2209-2218.	6.4	32
77	Abscisic acid enhances glucose disposal and induces brown fat activity in adipocytes in vitro and in vivo. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 131-144.	2.4	32
78	Multiparametric approach to diagnosis of non-Q-wave acute myocardial infarction. <i>American Journal of Cardiology</i> , 1989, 63, 404-408.	1.6	30
79	Interspinous bursitis is common in polymyalgia rheumatica, but is not associated with spinal pain. <i>Arthritis Research and Therapy</i> , 2014, 16, 492.	3.5	30
80	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. <i>Cancers</i> , 2020, 12, 31.	3.7	30
81	Metformin inhibits cell cycle progression of B-cell chronic lymphocytic leukemia cells. <i>Oncotarget</i> , 2015, 6, 22624-22640.	1.8	30
82	The intra-bone marrow injection of cord blood cells extends the possibility of transplantation to the majority of patients with malignant hematopoietic diseases. <i>Best Practice and Research in Clinical Haematology</i> , 2010, 23, 237-244.	1.7	29
83	Direct relationship between cell density and FDG uptake in asymptomatic aortic aneurysm close to surgical threshold: an in vivo and in vitro study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 91-101.	6.4	29
84	The Alzheimer's disease metabolic brain pattern in mild cognitive impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3643-3648.	4.3	29
85	18F-FDG PET diagnostic and prognostic patterns do not overlap in Alzheimer's disease (AD) patients at the mild cognitive impairment (MCI) stage. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2073-2083.	6.4	29
86	Molecular imaging of multiple sclerosis: from the clinical demand to novel radiotracers. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019, 4, 6.	3.9	29
87	Increased myocardial 18F-FDG uptake as a marker of Doxorubicin-induced oxidative stress. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2183-2194.	2.1	29
88	Regional concordance and discordance between rest thallium 201 and sestamibi imaging for assessing tissue viability: Comparison with postrevascularization functional recovery+. <i>Journal of Nuclear Cardiology</i> , 1995, 2, 309-316.	2.1	28
89	Reduced coronary flow reserve in patients with primary hyperparathyroidism: a study by G-SPECT myocardial perfusion imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 2256-2263.	6.4	28
90	Coronary microcirculatory vasoconstriction is heterogeneously distributed in acutely ischemic myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2298-H2305.	3.2	27

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91	Mapping brain morphological and functional conversion patterns in predementia late-onset bvFTD. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1337-1347.	6.4	27
92	A PET/CT approach to spinal cord metabolism in amyotrophic lateral sclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 2061-2071.	6.4	27
93	Does the myocardium become "stunned" after episodes of angina at rest, angina on effort, and coronary angioplasty?. <i>American Journal of Cardiology</i> , 1993, 71, 1045-1051.	1.6	26
94	Adult Advanced Chronic Lymphocytic Leukemia: Computational Analysis of Whole-Body CT Documents a Bone Structure Alteration. <i>Radiology</i> , 2014, 271, 805-813.	7.3	24
95	Obligatory role of endoplasmic reticulum in brain FDG uptake. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1184-1196.	6.4	24
96	The prognostic power of 18F-FDG PET/CT extends to estimating systemic treatment response duration in metastatic castration-resistant prostate cancer (mCRPC) patients. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 1198-1207.	3.9	24
97	The prognostic power of inflammatory indices and clinical factors in metastatic castration-resistant prostate cancer patients treated with radium-223 (BIO-Ra study). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1063-1074.	6.4	24
98	Diagnostic and prognostic value of 18F-FDG PET/CT in comparison with morphological imaging in primary adrenal gland malignancies - a multicenter experience. <i>Hellenic Journal of Nuclear Medicine</i> , 2015, 18, 97-102.	0.3	24
99	Myocardial and forearm blood flow reserve in mild-moderate essential hypertensive patients. <i>Journal of Hypertension</i> , 1997, 15, 667-673.	0.5	23
100	Methods for evaluating coronary microvasculature in humans. <i>European Heart Journal</i> , 1999, 20, 1300-1313.	2.2	23
101	Extension of myocardial necrosis differently affects MIBG retention in heart failure caused by ischaemic heart disease or by dilated cardiomyopathy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005, 32, 682-688.	6.4	23
102	Allogeneic cell transplant expands bone marrow distribution by colonizing previously abandoned areas: an FDG PET/CT analysis. <i>Blood</i> , 2015, 125, 4095-4102.	1.4	23
103	Enhancement of Tumor Homing by Chemotherapy-Loaded Nanoparticles. <i>Small</i> , 2018, 14, e1802886.	10.0	23
104	Neuroimaging findings and clinical trajectories of Lewy body disease in patients with MCI. <i>Neurobiology of Aging</i> , 2019, 76, 9-17.	3.1	23
105	Metabolic correlates of reserve and resilience in MCI due to Alzheimer's Disease (AD). <i>Alzheimer's Research and Therapy</i> , 2018, 10, 35.	6.2	22
106	G6Pase location in the endoplasmic reticulum: Implications on compartmental analysis of FDG uptake in cancer cells. <i>Scientific Reports</i> , 2019, 9, 2794.	3.3	22
107	Procedural Recommendations for Lymphoscintigraphy in the Diagnosis of Peripheral Lymphedema: the Genoa Protocol. <i>Nuclear Medicine and Molecular Imaging</i> , 2019, 53, 47-56.	1.0	22
108	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. <i>Cancers</i> , 2020, 12, 3213.	3.7	22

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109	Contact with the bone marrow microenvironment readdresses the fate of transplanted hematopoietic stem cells. <i>Experimental Hematology</i> , 2010, 38, 968-977.	0.4	21
110	An optimisation approach to multiprobe cryosurgery planning. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 885-895.	1.6	21
111	High dose dipyridamole myocardial imaging: simultaneous sestamibi scintigraphy and two-dimensional echocardiography in the detection and evaluation of coronary artery disease. <i>Coronary Artery Disease</i> , 1999, 10, 177-184.	0.7	20
112	A novel description of FDG excretion in the renal system: application to metformin-treated models. <i>Physics in Medicine and Biology</i> , 2014, 59, 2469-2484.	3.0	20
113	Insulin-independent stimulation of skeletal muscle glucose uptake by low-dose abscisic acid via AMPK activation. <i>Scientific Reports</i> , 2020, 10, 1454.	3.3	20
114	Comparison of Dipyridamole-Echocardiography Test and Exercise Thallium-201 Scanning for Diagnosis of Coronary Artery Disease. <i>American Journal of Noninvasive Cardiology</i> , 1989, 3, 85-92.	0.1	19
115	Why should we study the coronary microcirculation?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H2581-H2584.	3.2	19
116	Radionuclide brain imaging correlates of cognitive impairment in Parkinson's disease (PD). <i>Journal of the Neurological Sciences</i> , 2011, 310, 31-35.	0.6	19
117	A new compartmental method for the analysis of liver FDG kinetics in small animal models. <i>EJNMMI Research</i> , 2015, 5, 107.	2.5	19
118	A New Integrated Clinical-Biohumoral Model to Predict Functionally Significant Coronary Artery Disease in Patients With Chronic Chest Pain. <i>Canadian Journal of Cardiology</i> , 2015, 31, 709-716.	1.7	19
119	Two high-rate pentose-phosphate pathways in cancer cells. <i>Scientific Reports</i> , 2020, 10, 22111.	3.3	19
120	Baseline/post-nitrate Tc-99m tetrofosmin mismatch for the assessment of myocardial viability in patients with severe left ventricular dysfunction: comparison with baseline Tc-99m tetrofosmin scintigraphy/FDG PET imaging. <i>Journal of Nuclear Cardiology</i> , 2004, 11, 142-151.	2.1	18
121	Cardiac resynchronization therapy and cardiac sympathetic function. <i>European Journal of Clinical Investigation</i> , 2015, 45, 792-799.	3.4	18
122	Relationship between circulating anti-thyroglobulin antibodies (TgAb) and tumor metabolism in patients with differentiated thyroid cancer (DTC): prognostic implications. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 417-424.	3.3	18
123	Two Novel PET Radiopharmaceuticals for Endothelial Vascular Cell Adhesion Molecule-1 (VCAM-1) Targeting. <i>Pharmaceutics</i> , 2021, 13, 1025.	4.5	18
124	Effects of Long-term Treatment with Verapamil on Left Ventricular Function and Myocardial Blood Flow in Patients with Dilated Cardiomyopathy Without Overt Heart Failure. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 36, 744-750.	1.9	18
125	¹⁸ F-FDG PET/CT is a prognostic biomarker in patients affected by bone metastases from breast cancer in comparison with ¹⁸ F-NaF PET/CT. <i>Nuklearmedizin - NuclearMedicine</i> , 2015, 54, 163-172.	0.7	18
126	Myocardial metabolic and receptor imaging in idiopathic dilated cardiomyopathy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2002, 29, 1403-1413.	6.4	17

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127	Optimization of flow reserve measurement using SPECT technology to evaluate the determinants of coronary microvascular dysfunction in diabetes. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 357-367.	6.4	17
128	Spinal cord hypermetabolism extends to skeletal muscle in amyotrophic lateral sclerosis: a computational approach to [18F]-fluorodeoxyglucose PET/CT images. <i>EJNMMI Research</i> , 2020, 10, 23.	2.5	17
129	The Role of the Immune Metabolic Prognostic Index in Patients with Non-Small Cell Lung Cancer (NSCLC) in Radiological Progression during Treatment with Nivolumab. <i>Cancers</i> , 2021, 13, 3117.	3.7	17
130	Evaluation of response to immune checkpoint inhibitors: Is there a role for positron emission tomography?. <i>World Journal of Radiology</i> , 2017, 9, 27.	1.1	17
131	Behavior of right and left ventricles during episodes of variant angina in relation to the site of coronary vasospasm.. <i>Circulation</i> , 1990, 81, 567-577.	1.6	15
132	Myocardial perfusion and coronary microcirculation: From pathophysiology to clinical application. <i>Journal of Nuclear Cardiology</i> , 2002, 9, 328-337.	2.1	15
133	Mechanisms underlying the predictive power of high skeletal muscle uptake of FDG in amyotrophic lateral sclerosis. <i>EJNMMI Research</i> , 2020, 10, 76.	2.5	15
134	Correlation between thoracic aorta 18F-natrium fluoride uptake and cardiovascular risk. <i>World Journal of Radiology</i> , 2016, 8, 82.	1.1	15
135	Paradoxical coronary microcirculatory constriction during ischemia: a synergic function for nitric oxide and endothelin. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H1814-H1821.	3.2	14
136	Functional Activation of Osteoclast Commitment in Chronic Lymphocytic Leukaemia: a Possible Role for RANK/RANKL Pathway. <i>Scientific Reports</i> , 2017, 7, 14159.	3.3	14
137	Effect of starvation on brain glucose metabolism and 18F-2-fluoro-2-deoxyglucose uptake: an experimental in-vivo and ex-vivo study. <i>EJNMMI Research</i> , 2018, 8, 44.	2.5	14
138	Head-to-Head Comparison among Semi-Quantification Tools of Brain FDG-PET to Aid the Diagnosis of Prodromal Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 383-394.	2.6	14
139	Whole-Body Evaluation of MIBG Tissue Extraction in a Mouse Model of Long-Lasting Type II Diabetes and Its Relationship with Norepinephrine Transport Protein Concentration. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1701-1706.	5.0	13
140	Microalbuminuria predicts silent myocardial ischaemia in type 2 diabetes patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 548-557.	6.4	13
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