

Marcus Hacker

List of Publications by Year in descending order

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Version: 2024-02-01

269
papers

6,528
citations

71102

41
h-index

110387

64
g-index

290
all docs

290
docs citations

290
times ranked

7708
citing authors

#	ARTICLE	IF	CITATIONS
1	¹⁸ F-FDG PET/CT Identifies Patients at Risk for Future Vascular Events in an Otherwise Asymptomatic Cohort with Neoplastic Disease. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1611-1620.	5.0	326
2	EANM procedural guidelines for radionuclide myocardial perfusion imaging with SPECT and SPECT/CT: 2015 revision. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1929-1940.	6.4	260
3	Position paper of the Cardiovascular Committee of the European Association of Nuclear Medicine (EANM) on PET imaging of atherosclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 780-792.	6.4	195
4	Sixty-four slice spiral CT angiography does not predict the functional relevance of coronary artery stenoses in patients with stable angina. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 4-10.	6.4	131
5	PSMA Ligand PET/MRI for Primary Prostate Cancer: Staging Performance and Clinical Impact. <i>Clinical Cancer Research</i> , 2018, 24, 6300-6307.	7.0	112
6	Comparison of spiral multidetector CT angiography and myocardial perfusion imaging in the noninvasive detection of functionally relevant coronary artery lesions: first clinical experiences. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1294-300.	5.0	111
7	High-risk plaque features can be detected in non-stenotic carotid plaques of patients with ischaemic stroke classified as cryptogenic using combined ¹⁸ F-FDG PET/MR imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 270-279.	6.4	103
8	Response assessment using ⁶⁸ Ga-PSMA ligand PET in patients undergoing ¹⁷⁷ Lu-PSMA radioligand therapy for metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1063-1072.	6.4	100
9	A joint procedural position statement on imaging in cardiac sarcoidosis: from the Cardiovascular and Inflammation & Infection Committees of the European Association of Nuclear Medicine, the European Association of Cardiovascular Imaging, and the American Society of Nuclear Cardiology. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 298-319.	2.1	97
10	Glioma Survival Prediction with Combined Analysis of In Vivo ¹¹ C-MET PET Features, Ex Vivo Features, and Patient Features by Supervised Machine Learning. <i>Journal of Nuclear Medicine</i> , 2018, 59, 892-899.	5.0	94
11	⁶⁸ Ga-PSMA ¹¹ ligand PET imaging in patients with biochemical recurrence after radical prostatectomy – diagnostic performance and impact on therapeutic decision-making. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 235-242.	6.4	89
12	Comparison of PET imaging of activated fibroblasts and ¹⁸ F-FDG for diagnosis of primary hepatic tumours: a prospective pilot study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1593-1603.	6.4	87
13	Light-chain and transthyretin cardiac amyloidosis in severe aortic stenosis: prevalence, screening possibilities, and outcome. <i>European Journal of Heart Failure</i> , 2020, 22, 1852-1862.	7.1	82
14	Hybrid cardiac imaging using PET/MRI: a joint position statement by the European Society of Cardiovascular Radiology (ESCR) and the European Association of Nuclear Medicine (EANM). <i>European Radiology</i> , 2018, 28, 4086-4101.	4.5	80
15	Functional Precision Medicine Provides Clinical Benefit in Advanced Aggressive Hematologic Cancers and Identifies Exceptional Responders. <i>Cancer Discovery</i> , 2022, 12, 372-387.	9.4	77
16	COVID-19 pandemic: guidance for nuclear medicine departments. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1615-1619.	6.4	76
17	Approaching Complete Inhibition of P-Glycoprotein at the Human Blood-Brain Barrier: An ¹¹ C]Verapamil PET Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 743-746.	4.3	74
18	Predictive Value of ^{99m} Tc-MAA SPECT for ⁹⁰ 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

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19	A joint procedural position statement on imaging in cardiac sarcoidosis: from the Cardiovascular and Inflammation & Infection Committees of the European Association of Nuclear Medicine, the European Association of Cardiovascular Imaging, and the American Society of Nuclear Cardiology. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1073-1089.	1.2	74
20	Fibroblast imaging of hepatic carcinoma with ⁶⁸ Ga-FAPI-04 PET/CT: a pilot study in patients with suspected hepatic nodules. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 196-203.	6.4	73
21	Supervised machine learning enables non-invasive lesion characterization in primary prostate cancer with [⁶⁸ Ga]Ga-PSMA-11 PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1795-1805.	6.4	72
22	Association of inflammation of the left anterior descending coronary artery with cardiovascular risk factors, plaque burden and pericardial fat volume: a PET/CT study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1203-1212.	6.4	68
23	Nuclear Medicine Operations in the Times of COVID-19: Strategies, Precautions, and Experiences. <i>Journal of Nuclear Medicine</i> , 2020, 61, 626-629.	5.0	65
24	Quantification of Task-Specific Glucose Metabolism with Constant Infusion of ¹⁸ F-FDG. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1933-1940.	5.0	64
25	Log P , a yesterday's value?. <i>Nuclear Medicine and Biology</i> , 2017, 50, 1-10.	0.6	62
26	[⁶⁸ Ga]Pentixafor-PET/MRI for the detection of Chemokine receptor 4 expression in atherosclerotic plaques. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 558-566.	6.4	60
27	Reduced task durations in functional PET imaging with [¹⁸ F]FDG approaching that of functional MRI. <i>NeuroImage</i> , 2018, 181, 323-330.	4.2	59
28	Combined PET/MRI Improves Diagnostic Accuracy in Patients with Prostate Cancer: A Prospective Diagnostic Trial. <i>Clinical Cancer Research</i> , 2014, 20, 3244-3253.	7.0	58
29	The diagnostic value of [¹⁸ F]FDG PET for the detection of chronic osteomyelitis and implant-associated infection. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 749-761.	6.4	56
30	A Universally Applicable ⁶⁸ Ga-Labeling Technique for Proteins. <i>Journal of Nuclear Medicine</i> , 2011, 52, 586-591.	5.0	53
31	Pilot PET Study to Assess the Functional Interplay Between ABCB1 and ABCG2 at the Human Blood-Brain Barrier. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 100, 131-141.	4.7	50
32	Effects of Selective Serotonin Reuptake Inhibitors on Interregional Relation of Serotonin Transporter Availability in Major Depression. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 48.	2.0	50
33	[⁶⁸ Ga]Pentixafor PET/MR imaging of chemokine receptor 4 expression in the human carotid artery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1616-1625.	6.4	49
34	Response assessment using [⁶⁸ Ga]Ga-PSMA ligand PET in patients undergoing systemic therapy for metastatic castration-resistant prostate cancer. <i>Prostate</i> , 2020, 80, 74-82.	2.3	49
35	Reconfiguration of functional brain networks and metabolic cost converge during task performance. <i>ELife</i> , 2020, 9, .	6.0	49
36	Optimized Feature Extraction for Radiomics Analysis of ¹⁸ F-FDG PET Imaging. <i>Journal of Nuclear Medicine</i> , 2019, 60, 864-872.	5.0	46

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37	Clinical outcome of standardized ¹⁷⁷ Lu-PSMA-617 therapy in metastatic prostate cancer patients receiving 7400 MBq every 4 weeks. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 713-720.	6.4	46
38	Imaging Inflammation in Atherosclerosis with CXCR4-Directed ⁶⁸ Ga-Pentixafor PET/CT: Correlation with ¹⁸ F-FDG PET/CT. <i>Journal of Nuclear Medicine</i> , 2020, 61, 751-756.	5.0	45
39	Immune Checkpoint Inhibitor Therapy Induces Inflammatory Activity in Large Arteries. <i>Circulation</i> , 2020, 142, 2396-2398.	1.6	45
40	The Norepinephrine Transporter in Attention-Deficit/Hyperactivity Disorder Investigated With Positron Emission Tomography. <i>JAMA Psychiatry</i> , 2014, 71, 1340.	11.0	44
41	Clinical use of quantitative cardiac perfusion PET: rationale, modalities and possible indications. Position paper of the Cardiovascular Committee of the European Association of Nuclear Medicine (EANM). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1530-1545.	6.4	44
42	Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR). <i>European Heart Journal</i> , 2018, 39, 286-296.	2.2	44
43	Influence of OATPs on Hepatic Disposition of Erlotinib Measured With Positron Emission Tomography. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 139-147.	4.7	43
44	Advances in targeted alpha therapy for prostate cancer. <i>Annals of Oncology</i> , 2019, 30, 1728-1739.	1.2	43
45	Left ventricular dyssynchrony assessed by gated SPECT phase analysis is an independent predictor of death in patients with advanced coronary artery disease and reduced left ventricular function not undergoing cardiac resynchronization therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 39, 1561-1569.	6.4	42
46	Towards quantitative [¹⁸ F]FDG-PET/MRI of the brain: Automated MR-driven calculation of an image-derived input function for the non-invasive determination of cerebral glucose metabolic rates. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1516-1530.	4.3	42
47	Prospective non-invasive evaluation of CXCR4 expression for the diagnosis of MALT lymphoma using [⁶⁸ Ga]Ga-Pentixafor-PET/MRI. <i>Theranostics</i> , 2019, 9, 3653-3658.	10.0	42
48	Assessment of attenuation correction for myocardial PET imaging using combined PET/MRI. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1107-1118.	2.1	42
49	Association Between Osteogenesis and Inflammation During the Progression of Calcified Plaque Evaluated by ¹⁸ F-Fluoride and ¹⁸ F-FDG. <i>Journal of Nuclear Medicine</i> , 2017, 58, 968-974.	5.0	40
50	Machine learning classification of ADHD and HC by multimodal serotonergic data. <i>Translational Psychiatry</i> , 2020, 10, 104.	4.8	39
51	Quantitative assessment of atherosclerotic plaques on ¹⁸ F-FDG PET/MRI: comparison with a PET/CT hybrid system. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1503-1512.	6.4	38
52	Impact of P-Glycoprotein Function on the Brain Kinetics of the Weak Substrate ¹¹ C-Metoclopramide Assessed with PET Imaging in Humans. <i>Journal of Nuclear Medicine</i> , 2019, 60, 985-991.	5.0	38
53	Imaging CXCR4 expression in patients with suspected primary hyperaldosteronism. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2656-2665.	6.4	38
54	Effects of norepinephrine transporter gene variants on ^{NET} binding in ^{ADHD} and healthy controls investigated by ^{PET} . <i>Human Brain Mapping</i> , 2016, 37, 884-895.	3.6	37

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55	Monitoring of plexiform neurofibroma in children and adolescents with neurofibromatosis type 1 by [¹⁸ F]FDG-PET imaging. Is it of value in asymptomatic patients?. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26733.	1.5	35
56	[¹⁸ F]DOPA PET/ceCT in diagnosis and staging of primary medullary thyroid carcinoma prior to surgery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2159-2169.	6.4	35
57	Task-relevant brain networks identified with simultaneous PET/MR imaging of metabolism and connectivity. <i>Brain Structure and Function</i> , 2018, 223, 1369-1378.	2.3	34
58	Comparison of Tc-99m sestamibi SPECT with fractional flow reserve in patients with intermediate coronary artery stenoses. <i>Journal of Nuclear Cardiology</i> , 2005, 12, 645-654.	2.1	33
59	Clinical validation of the gated blood pool SPECT QBSA® processing software in congestive heart failure patients: correlation with MUGA, first-pass RNV and 2D-echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2006, 22, 407-416.	1.5	33
60	The amount of dysfunctional but viable myocardium predicts long-term survival in patients with ischemic cardiomyopathy and left ventricular dysfunction. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 1645-1653.	1.5	32
61	Breast Tumor Characterization Using [¹⁸ F]FDG-PET/CT Imaging Combined with Data Preprocessing and Radiomics. <i>Cancers</i> , 2021, 13, 1249.	3.7	32
62	Dobutamine myocardial scintigraphy for the prediction of cardiac events after heart transplantation. <i>Nuclear Medicine Communications</i> , 2005, 26, 607-612.	1.1	31
63	Electrocardiogram-Gated ¹⁸ F-FDG PET/CT Hybrid Imaging in Patients with Unsatisfactory Response to Cardiac Resynchronization Therapy: Initial Clinical Results. <i>Journal of Nuclear Medicine</i> , 2011, 52, 67-71.	5.0	31
64	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
65	Diagnosis and treatment of cardiac amyloidosis: an interdisciplinary consensus statement. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 742-761.	1.9	31
66	Association of Protein Distribution and Gene Expression Revealed by PET and Post-Mortem Quantification in the Serotonergic System of the Human Brain. <i>Cerebral Cortex</i> , 2017, 27, 117-130.	2.9	30
67	Prospective evaluation of the performance of [⁶⁸ Ga]Ga-PSMA-11 PET/CT(MRI) for lymph node staging in patients undergoing superextended salvage lymph node dissection after radical prostatectomy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2169-2177.	6.4	30
68	AI-enhanced simultaneous multiparametric ¹⁸ F-FDG PET/MRI for accurate breast cancer diagnosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 596-608.	6.4	30
69	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
70	Partial volume correction for improved PET quantification in ¹⁸ F-NaF imaging of atherosclerotic plaques. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1742-1756.	2.1	29
71	Evaluation of fatty acid synthase in prostate cancer recurrence: SUV of [¹¹ C]acetate PET as a prognostic marker. <i>Prostate</i> , 2015, 75, 1760-1767.	2.3	28
72	Evaluating Treatment Response of Radioembolization in Intermediate-Stage Hepatocellular Carcinoma Patients Using ¹⁸ F-Fluoroethylcholine PET/CT. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1661-1666.	5.0	28

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73	Effect of P-glycoprotein inhibition at the blood-brain barrier on brain distribution of [¹¹ C]verapamil in elderly vs. young subjects. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1991-1999.	2.4	28
74	Impact of cardiovascular risk factors on vessel wall inflammation and calcified plaque burden differs across vascular beds: a PET-CT study. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 1899-1908.	1.5	27
75	Active Brown Adipose Tissue Is Associated With a Healthier Metabolic Phenotype in Obesity. <i>Diabetes</i> , 2022, 71, 93-103.	0.6	27
76	Imaging of C-X-C Motif Chemokine Receptor 4 Expression in 690 Patients with Solid or Hematologic Neoplasms using [⁶⁸ Ga]PentixaFor PET. <i>Journal of Nuclear Medicine</i> , 2022, , jnumed.121.263693.	5.0	27
77	The amount of viable and dyssynchronous myocardium is associated with response to cardiac resynchronization therapy: initial clinical results using multiparametric ECG-gated [¹⁸ F]FDG PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1876-1883.	6.4	26
78	The prognostic value of [¹²³ I]-vascular endothelial growth factor ([¹²³ I]-VEGF) in glioma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2396-2403.	6.4	25
79	A Proof-of-Concept Study to Inhibit ABCG2- and ABCB1-Mediated Efflux Transport at the Human Blood-Brain Barrier. <i>Journal of Nuclear Medicine</i> , 2019, 60, 486-491.	5.0	25
80	Data-driven, projection-based respiratory motion compensation of PET data for cardiac PET/CT and PET/MR imaging. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2216-2230.	2.1	25
81	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D2/3 receptor agonist radioligand study. <i>Translational Psychiatry</i> , 2020, 10, 2.	4.8	25
82	Sodium-fluoride PET-CT for the non-invasive evaluation of coronary plaques in symptomatic patients with coronary artery disease: a cross-correlation study with intravascular ultrasound. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2181-2189.	6.4	24
83	Assessing the kidney function parameters glomerular filtration rate and effective renal plasma flow with dynamic FDG-PET/MRI in healthy subjects. <i>EJNMMI Research</i> , 2018, 8, 37.	2.5	24
84	The effect of electroconvulsive therapy on cerebral monoamine oxidase A expression in treatment-resistant depression investigated using positron emission tomography. <i>Brain Stimulation</i> , 2019, 12, 714-723.	1.6	24
85	Myocardial Perfusion Imaging is Feasible for Infarct Size Quantification in Mice Using a Clinical Single-photon Emission Computed Tomography System Equipped with Pinhole Collimators. <i>Molecular Imaging and Biology</i> , 2010, 12, 427-434.	2.6	23
86	In-vivo comparison of the acute retention of stem cell derivatives and fibroblasts after intramyocardial transplantation in the mouse model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 2325-2336.	6.4	23
87	Assessment of P-Glycoprotein Transport Activity at the Human Blood-Retina Barrier with [¹¹ C]Verapamil PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 678-681.	5.0	23
88	Association of norepinephrine transporter methylation with in vivo NET expression and hyperactivity-impulsivity symptoms in ADHD measured with PET. <i>Molecular Psychiatry</i> , 2021, 26, 1009-1018.	7.9	23
89	Visual and semiquantitative [¹¹ C]-methionine PET: an independent prognostic factor for survival of newly diagnosed and treatment-naïve gliomas. <i>Neuro-Oncology</i> , 2018, 20, 411-419.	1.2	22
90	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. <i>Translational Psychiatry</i> , 2018, 8, 198.	4.8	22

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91	Personalizing Medicine Through Hybrid Imaging and Medical Big Data Analysis. <i>Frontiers in Physics</i> , 2018, 6, .	2.1	22
92	CXCR4 PET/MRI for follow-up of gastric mucosa-associated lymphoid tissue lymphoma after first-line <i>Helicobacter Pylori</i> eradication. <i>Blood</i> , 2022, 139, 240-244.	1.4	22
93	Feasibility of In Vivo Imaging of Fibroblast Activation Protein in Human Arterial Walls. <i>Journal of Nuclear Medicine</i> , 2022, 63, 948-951.	5.0	22
94	Left ventricular functional assessment in murine models of ischemic and dilated cardiomyopathy using [¹⁸ F]FDG-PET: comparison with cardiac MRI and monitoring erythropoietin therapy. <i>EJNMMI Research</i> , 2012, 2, 43.	2.5	21
95	Systematic Evaluation of Tumoral ^{99m} Tc-MAA Uptake Using SPECT and SPECT/CT in 502 Patients Before ⁹⁰ Y Radioembolization. <i>Journal of Nuclear Medicine</i> , 2015, 56, 333-338.	5.0	21
96	Altered interregional molecular associations of the serotonin transporter in attention deficit/hyperactivity disorder assessed with PET. <i>Human Brain Mapping</i> , 2017, 38, 792-802.	3.6	21
97	Utility of Absolute Quantification in Non-lesional Extratemporal Lobe Epilepsy Using FDG PET/MR Imaging. <i>Frontiers in Neurology</i> , 2020, 11, 54.	2.4	21
98	Assessment of cardiac tumors by 18F-FDG PET/CT imaging: Histological correlation and clinical outcomes. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2233-2243.	2.1	21
99	Prediction of response and survival after standardized treatment with 7400 MBq ¹⁷⁷ Lu-PSMA-617 every 4 weeks in patients with metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1650-1657.	6.4	21
100	The incremental value of coronary artery calcium scores to myocardial single photon emission computer tomography in risk assessment. <i>Journal of Nuclear Cardiology</i> , 2011, 18, 700-711.	2.1	20
101	The value of [¹¹ C]-acetate PET and [¹⁸ F]-FDG PET in hepatocellular carcinoma before and after treatment with transarterial chemoembolization and bevacizumab. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1732-1741.	6.4	20
102	[¹⁸ F]FDG PET accurately differentiates infected and non-infected non-unions after fracture fixation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 432-440.	6.4	20
103	Assessment of Myocardial Viability in Ischemic Heart Disease by PET/MRI: Comparison of Left Ventricular Perfusion, Hibernation, and Scar Burden. <i>Academic Radiology</i> , 2020, 27, 188-197.	2.5	20
104	[⁶⁸ 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
105	Simple and rapid quantification of serotonin transporter binding using [¹¹ C]DASB bolus plus constant infusion. <i>NeuroImage</i> , 2017, 149, 23-32.	4.2	19
106	In Vivo Quantification of Myocardial Amyloid Deposits in Patients with Suspected Transthyretin-Related Amyloidosis (ATTR). <i>Journal of Clinical Medicine</i> , 2020, 9, 3446.	2.4	19
107	A methodological investigation of healthy tissue, hepatocellular carcinoma, and other lesions with dynamic ⁶⁸ Ga-FAPI-04 PET/CT imaging. <i>EJNMMI Physics</i> , 2021, 8, 8.	2.7	19
108	Reproducibility of MRI Dixon-Based Attenuation Correction in Combined PET/MR with Applications for Lean Body Mass Estimation. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1096-1101.	5.0	18

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109	Natural history of atherosclerotic disease progression as assessed by 18F-FDG PET/CT. International Journal of Cardiovascular Imaging, 2016, 32, 49-59.	1.5	18
110	Nuclear medicine services after COVID-19: gearing up back to normality. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2048-2053.	6.4	18
111	Reliability of task-specific neuronal activation assessed with functional PET, ASL and BOLD imaging. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2986-2999.	4.3	18
112	Brown Adipose Tissue Prevalence Is Lower in Obesity but Its Metabolic Activity Is Intact. Frontiers in Endocrinology, 2022, 13, 858417.	3.5	18
113	Expanding LogP: Present possibilities. Nuclear Medicine and Biology, 2018, 58, 20-32.	0.6	17
114	Thyroid and androgen receptor signaling are antagonized by β -Crystallin in prostate cancer. International Journal of Cancer, 2021, 148, 731-747.	5.1	17
115	Functional dynamics of dopamine synthesis during monetary reward and punishment processing. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2973-2985.	4.3	17
116	Parameter evaluation and fully-automated radiosynthesis of [^{11}C]harmine for imaging of MAO-A for clinical trials. Applied Radiation and Isotopes, 2015, 97, 182-187.	1.5	16
117	Preoperative Localization of Adenomas in Primary Hyperparathyroidism: The Value of ^{11}C -Choline PET/CT in Patients with Negative or Discordant Findings on Ultrasonography and $^{99\text{m}}\text{Tc}$ -Sestamibi SPECT/CT. Journal of Nuclear Medicine, 2020, 61, 584-589.	5.0	16
118	Comparison of MRI and VQ-SPECT as a Screening Test for Patients With Suspected CTEPH: CHANGE-MRI Study Design and Rationale. Frontiers in Cardiovascular Medicine, 2020, 7, 51.	2.4	16
119	Effects of peripheral vascular intervention on ischemia-modified albumin. Coronary Artery Disease, 2007, 18, 375-379.	0.7	15
120	Positron emission tomography in the assessment of left ventricular function in healthy rats: A comparison of four imaging methods. Journal of Nuclear Cardiology, 2013, 20, 262-274.	2.1	15
121	Systematic review of cost-effectiveness of myocardial perfusion scintigraphy in patients with ischaemic heart disease. European Heart Journal Cardiovascular Imaging, 2017, 18, 825-832.	1.2	15
122	[^{18}F]FEPPA: Improved Automated Radiosynthesis, Binding Affinity, and Preliminary in Vitro Evaluation in Colorectal Cancer. ACS Medicinal Chemistry Letters, 2018, 9, 177-181.	2.8	15
123	FDG β -PET / MRI imaging for the management of alveolar echinococcosis: initial clinical experience at a reference centre in Austria. Tropical Medicine and International Health, 2019, 24, 663-670.	2.3	15
124	Measurement of Hepatic ABCB1 and ABCG2 Transport Activity with [^{11}C]Tariquidar and PET in Humans and Mice. Molecular Pharmaceutics, 2020, 17, 316-326.	4.6	15
125	Detection of Bone Metastases Using ^{11}C -Acetate PET in Patients with Prostate Cancer with Biochemical Recurrence. Anticancer Research, 2015, 35, 6787-91.	1.1	15
126	The validation of fractional flow reserve in patients with coronary multivessel disease: a comparison with SPECT and contrast-enhanced dobutamine stress echocardiography. Clinical Research in Cardiology, 2005, 94, 321-327.	1.1	14

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127	(R)-[18F]NEBIFQUINIDE: A promising new PET tracer for TSPO imaging. <i>European Journal of Medicinal Chemistry</i> , 2019, 176, 410-418.	5.5	14
128	Towards Improved Pharmacokinetic Models for the Analysis of Transporter-Mediated Hepatic Disposition of Drug Molecules with Positron Emission Tomography. <i>AAPS Journal</i> , 2019, 21, 61.	4.4	14
129	First-in-human brain PET imaging of the GluN2B-containing N-methyl-D-aspartate receptor with (R)-11C-Me-NB1. <i>Journal of Nuclear Medicine</i> , 2021, , jnumed.121.262427.	5.0	14
130	Binding Affinity of Some Endogenous and Synthetic TSPO Ligands Regarding the rs6971 Polymorphism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 563.	4.1	13
131	Impaired Clearance From the Brain Increases the Brain Exposure to Metoclopramide in Elderly Subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 754-761.	4.7	13
132	Combined functional and morphological imaging consisting of gated myocardial perfusion SPECT and 16-detector multislice spiral CT angiography in the noninvasive evaluation of coronary artery disease: first experiences. <i>Clinical Imaging</i> , 2007, 31, 313-320.	1.5	12
133	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
134	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
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