

Koen Van Laere

List of Publications by Year in descending order

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Version: 2024-02-01

202
papers

9,160
citations

53794

45
h-index

49909

87
g-index

212
all docs

212
docs citations

212
times ranked

11968
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of chronic voluntary alcohol consumption on PDE10A availability: a longitudinal behavioral and [¹⁸ F]JNJ42259152 PET study in rats. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 492-502.	6.4	1
2	Prospective comparison of simultaneous [⁶⁸ Ga]Ga-PSMA-11 PET/MR versus PET/CT in patients with biochemically recurrent prostate cancer. <i>European Radiology</i> , 2022, 32, 901-911.	4.5	11
3	Regional glucose metabolic decreases with ageing are associated with microstructural white matter changes: a simultaneous PET/MR study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 664-680.	6.4	10
4	Synaptic Damage and Its Clinical Correlates in People With Early Huntington Disease. <i>Neurology</i> , 2022, 98, .	1.1	26
5	The PET tracer [¹¹ C]MK-6884 quantifies M4 muscarinic receptor in rhesus monkeys and patients with Alzheimer's disease. <i>Science Translational Medicine</i> , 2022, 14, eabg3684.	12.4	10
6	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. <i>JAMA Neurology</i> , 2022, 79, 228.	9.0	97
7	Impact of meningeal uptake and partial volume correction techniques on [¹⁸ F]MK-6240 binding in aMCI patients and healthy controls. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1236-1246.	4.3	10
8	Assessment of in vivo bone activity patterns in medial mobile-bearing unicompartmental knee arthroplasty. <i>Bone and Joint Journal</i> , 2022, 104-B, 34-44.	4.4	2
9	Neuroinflammation as potential precursor of leukoencephalopathy in early-stage breast cancer patients: A cross-sectional PET-MRI study. <i>Breast</i> , 2022, 62, 61-68.	2.2	5
10	An optimized MRI and PET based clinical protocol for improving the differential diagnosis of geriatric depression and Alzheimer's disease. <i>Psychiatry Research - Neuroimaging</i> , 2022, 320, 111443.	1.8	6
11	Clinical implications of fever at diagnosis in polymyalgia rheumatica: an age- and sex-matched case control study of 120 patients. <i>Clinical and Experimental Rheumatology</i> , 2022, 40, 193-194.	0.8	1
12	Clinical implications of fever at diagnosis in polymyalgia rheumatica: an age- and sex-matched case control study of 120 patients. Reply to Milchert et al. and Manzo et al.. <i>Clinical and Experimental Rheumatology</i> , 2022, 40, 668-668.	0.8	0
13	Cannabinoid receptor availability modulates the magnitude of dopamine release in vivo in the human reward system: A preliminary multitracer positron emission tomography study. <i>Addiction Biology</i> , 2022, 27, e13167.	2.6	2
14	Value of [⁶⁸ Ga]Ga-somatostatin receptor PET/CT in the grading of pulmonary neuroendocrine (carcinoid) tumours and the detection of disseminated disease: single-centre pathology-based analysis and review of the literature. <i>EJNMMI Research</i> , 2022, 12, 28.	2.5	8
15	Classification of ¹⁸ F-Flutemetamol scans in cognitively normal older adults using machine learning trained with neuropathology as ground truth. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, , 1.	6.4	1
16	Phospho-tau specific plasma tau181 assay detects clinical as well as asymptomatic Alzheimer's disease. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 734-746.	3.7	11
17	Spatial decrease of synaptic density in amnesic mild cognitive impairment follows the tau build-up pattern. <i>Molecular Psychiatry</i> , 2022, 27, 4244-4251.	7.9	15
18	Longitudinal Positron Emission Tomography Imaging of Presynaptic Terminals in Early Parkinson's Disease. <i>Movement Disorders</i> , 2022, 37, 1883-1892.	3.9	12

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19	Improved resolution and sensitivity of [18F]MFBC PET compared with [123I]MIBG SPECT in a patient with a norepinephrine transporter-expressing tumour. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 313-315.	6.4	17
20	Clinical validation of the novel HDAC6 radiotracer [18F]EKZ-001 in the human brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 596-611.	6.4	16
21	Brain metabolic changes across King's stages in amyotrophic lateral sclerosis: a 18F-2-fluoro-2-deoxy-d-glucose-positron emission tomography study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1124-1133.	6.4	10
22	Age-related GABAergic differences in the primary sensorimotor cortex: A multimodal approach combining PET, MRS and TMS. <i>NeuroImage</i> , 2021, 226, 117536.	4.2	18
23	Approximating anatomically-guided PET reconstruction in image space using a convolutional neural network. <i>NeuroImage</i> , 2021, 224, 117399.	4.2	29
24	In vivo synaptic density relates to glucose metabolism at rest in healthy subjects, but is strongly modulated by regional differences. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098150.	4.3	21
25	The Leuven late life depression (L3D) study: PET-MRI biomarkers of pathological brain ageing in late-life depression: study protocol. <i>BMC Psychiatry</i> , 2021, 21, 64.	2.6	7
26	The Role of Amyloid PET in Diagnosing Possible Transmissible Cerebral Amyloid Angiopathy in Young Adults with a History of Neurosurgery: A Case Series. <i>Cerebrovascular Diseases</i> , 2021, 50, 356-360.	1.7	8
27	Predictive value of metabolic and perfusion changes outside the seizure onset zone for postoperative outcome in patients with refractory focal epilepsy. <i>Acta Neurologica Belgica</i> , 2021, , 1.	1.1	4
28	Baseline cognition is the best predictor of 4-year cognitive change in cognitively intact older adults. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 75.	6.2	24
29	Parameters predicting [18F]PSMA-1007 scan positivity and type and number of detected lesions in patients with biochemical recurrence of prostate cancer. <i>EJNMMI Research</i> , 2021, 11, 41.	2.5	12
30	Human biodistribution and dosimetry of [11C]-UCB-J, a PET radiotracer for imaging synaptic density. <i>EJNMMI Physics</i> , 2021, 8, 37.	2.7	3
31	Distinguishing Primary Lateral Sclerosis from Parkinsonian Syndromes with the Help of Advanced Imaging. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1318-1319.	5.0	1
32	Synaptic density in healthy human aging is not influenced by age or sex: a 11C-UCB-J PET study. <i>NeuroImage</i> , 2021, 232, 117877.	4.2	31
33	Minimally invasive quantification of cerebral P2X7R occupancy using dynamic [18F]JNJ-64413739 PET and MRA-driven image derived input function. <i>Scientific Reports</i> , 2021, 11, 16172.	3.3	6
34	Neuroinflammation and Its Association with Cognition, Neuronal Markers and Peripheral Inflammation after Chemotherapy for Breast Cancer. <i>Cancers</i> , 2021, 13, 4198.	3.7	27
35	Tau Pathology Associated With Parkinsonism and Mutation of Mitochondrial DNA Helicase Gene <i><i>TWNK</i></i> . <i>Neurology: Genetics</i> , 2021, 7, e620.	1.9	0
36	Interhemispheric metabolic asymmetries in patients with anti-NMDA receptor encephalitis. <i>Acta Neurologica Belgica</i> , 2021, 121, 1385-1387.	1.1	1

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37	Lower regional gray matter volume in the absence of higher cortical amyloid burden in late-life depression. <i>Scientific Reports</i> , 2021, 11, 15981.	3.3	13
38	Rigid motion tracking using moments of inertia in TOF-PET brain studies. <i>Physics in Medicine and Biology</i> , 2021, 66, 184001.	3.0	5
39	Changes in synaptic density in the subacute phase after ischemic stroke: A ¹¹ C-UCB-J PET/MR study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, , 0271678X2110477.	4.3	12
40	Changes in the language system as amyloid- β accumulates. <i>Brain</i> , 2021, 144, 3756-3768.	7.6	9
41	A single-dose live-attenuated YF17D-vectored SARS-CoV-2 vaccine candidate. <i>Nature</i> , 2021, 590, 320-325.	27.8	148
42	Twelve-Week Yoga vs. Aerobic Cycling Initiation in Sedentary Healthy Subjects: A Behavioral and Multiparametric Interventional PET/MR Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 739356.	2.6	3
43	Influence of medication and PTH levels on detection of parathyroid adenomas with dual isotope parathyroid scintigraphy. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 11, 207-217.	1.0	1
44	The Effect of Aging on Brain Glucose Metabolic Connectivity Revealed by [¹⁸ F]FDG PET-MR and Individual Brain Networks. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 798410.	3.4	2
45	Clinical implications of fever at diagnosis in polymyalgia rheumatica: an age- and sex-matched case control study of 120 patients. <i>Clinical and Experimental Rheumatology</i> , 2021, , .	0.8	0
46	Clinical implications of fever at diagnosis in polymyalgia rheumatica: an age- and sex-matched case control study of 120 patients. Reply to Milchert et al. and Manzo et al. <i>Clinical and Experimental Rheumatology</i> , 2021, , .	0.8	0
47	Longitudinal changes in the brain language system as amyloid accumulates. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
48	Assessment of Alzheimer's disease polygenic risk score on longitudinal amyloid accumulation in cognitively intact older adults.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e055201.	0.8	0
49	Preclinical Safety Evaluation and Human Dosimetry of [¹⁸ F]MK-6240, a Novel PET Tracer for Imaging Neurofibrillary Tangles. <i>Molecular Imaging and Biology</i> , 2020, 22, 173-180.	2.6	21
50	Validation of Parametric Methods for [¹¹ C]UCB-J PET Imaging Using Subcortical White Matter as Reference Tissue. <i>Molecular Imaging and Biology</i> , 2020, 22, 444-452.	2.6	28
51	TSPO Versus P2X7 as a Target for Neuroinflammation: An In Vitro and In Vivo Study. <i>Journal of Nuclear Medicine</i> , 2020, 61, 604-607.	5.0	42
52	Estimation of Crystal Timing Properties and Efficiencies for the Improvement of (Joint) Maximum-Likelihood Reconstructions in TOF-PET. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 952-963.	8.9	12
53	Metabolic Correlates of Dopaminergic Loss in Dementia with Lewy Bodies. <i>Movement Disorders</i> , 2020, 35, 595-605.	3.9	42
54	Quantification and discriminative power of ¹⁸ F-FE-PE2I PET in patients with Parkinson's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1913-1926.	6.4	24

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55	Peptide receptor radionuclide therapy controls inappropriate calcitriol secretion in a pancreatic neuro-endocrine tumor: a case report. <i>BMC Gastroenterology</i> , 2020, 20, 324.	2.0	0
56	White matter brain lesions in infantile-onset Pompe disease are not metabolically active using 18F-FDG PET/MR imaging. <i>Neuromuscular Disorders</i> , 2020, 30, 732-733.	0.6	0
57	STAT2 signaling restricts viral dissemination but drives severe pneumonia in SARS-CoV-2 infected hamsters. <i>Nature Communications</i> , 2020, 11, 5838.	12.8	225
58	Loss of Presynaptic Terminal Integrity in the Substantia Nigra in Early Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 1977-1986.	3.9	52
59	What Has Neuroimaging Taught Us on the Neurobiology of Yoga? A Review. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 34.	2.1	24
60	Methods for Quantifying Neurotransmitter Dynamics in the Living Brain With PET Imaging. <i>Frontiers in Physiology</i> , 2020, 11, 792.	2.8	18
61	Regional distribution of amyloid deposition and grey matter atrophy in late-life depression. <i>Alzheimer's and Dementia</i> , 2020, 16, e041564.	0.8	0
62	Differential involvement of limbic and paralimbic cortex in episodic memory processing in cognitive aging and neurodegeneration. <i>Alzheimer's and Dementia</i> , 2020, 16, e044516.	0.8	0
63	Longitudinal changes in [18 F]Flutemetamol load in cognitively intact APOE ϵ 4 carriers vs noncarriers: Comparison of three reference regions. <i>Alzheimer's and Dementia</i> , 2020, 16, e044534.	0.8	0
64	Use of Multimodal Imaging and Clinical Biomarkers in Presymptomatic Carriers of <i>C9orf72</i> Repeat Expansion. <i>JAMA Neurology</i> , 2020, 77, 1008.	9.0	45
65	EANM practice guideline/SNMMI procedure standard for dopaminergic imaging in Parkinsonian syndromes 1.0. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1885-1912.	6.4	134
66	Role of the GLUT1 Glucose Transporter in Postnatal CNS Angiogenesis and Blood-Brain Barrier Integrity. <i>Circulation Research</i> , 2020, 127, 466-482.	4.5	103
67	In vivo synaptic density loss is related to tau deposition in amnesic mild cognitive impairment. <i>Neurology</i> , 2020, 95, e545-e553.	1.1	56
68	Moving Toward Multicenter Therapeutic Trials in Amyotrophic Lateral Sclerosis: Feasibility of Data Pooling Using Different Translocator Protein PET Radioligands. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1621-1627.	5.0	22
69	Translation of HDAC6 PET Imaging Using [¹⁸ F]EKZ-001 to cGMP Production and Measurement of HDAC6 Target Occupancy in Nonhuman Primates. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1093-1101.	3.5	26
70	Recovery of Decreased Metabotropic Glutamate Receptor 5 Availability in Abstinent Alcohol-Dependent Patients. <i>Journal of Nuclear Medicine</i> , 2020, 61, 256-262.	5.0	24
71	[18F]AlF-NOTA-octreotide PET imaging: biodistribution, dosimetry and first comparison with [68Ga]Ga-DOTATATE in neuroendocrine tumour patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 3033-3046.	6.4	59
72	Influence of pretreatment with everolimus or sunitinib on the subacute hematotoxicity of ¹⁷⁷ Lu-DOTATATE PRRT. <i>Acta Oncologica</i> , 2020, 59, 644-651.	1.8	7

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73	Combined brain and spinal FDG PET allows differentiation between ALS and ALS mimics. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2681-2690.	6.4	15
74	Rigid Motion Tracking using Moments of Inertia in TOF-PET Brain Studies. , 2020, , .		1
75	Long-term Ashtanga yoga practice decreases medial temporal and brainstem glucose metabolism in relation to years of experience. EJNMMI Research, 2020, 10, 50.	2.5	7
76	Is there a glucose metabolic signature of spreading TDP-43 pathology in amyotrophic lateral sclerosis?. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2020, 64, 96-104.	0.7	6
77	Brain Imaging of Alzheimer Dementia Patients and Elderly Controls with ¹⁸ F-MK-6240, a PET Tracer Targeting Neurofibrillary Tangles. Journal of Nuclear Medicine, 2019, 60, 107-114.	5.0	92
78	Behavioral Symptoms in Premanifest Huntington Disease Correlate with Reduced Frontal CB ₁ Levels. Journal of Nuclear Medicine, 2019, 60, 115-121.	5.0	18
79	Quantifying SV2A density and drug occupancy in the human brain using [11C]UCB-J PET imaging and subcortical white matter as reference tissue. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 396-406.	6.4	72
80	Increased P2X7 Receptor Binding Is Associated With Neuroinflammation in Acute but Not Chronic Rodent Models for Parkinson's Disease. Frontiers in Neuroscience, 2019, 13, 799.	2.8	35
81	Regional changes in the type 1 cannabinoid receptor are associated with cognitive dysfunction in Parkinson's disease. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2348-2357.	6.4	21
82	Al18F-NOTA-octreotide: first comparison with 68Ga-DOTATATE in a neuroendocrine tumour patient. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2398-2399.	6.4	30
83	[¹⁵ O]Mk684 PET: CHARACTERIZING BRAIN M4 RECEPTORS IN HEALTHY ELDERLY VOLUNTEERS AND ACETYLCHOLINESTERASE INHIBITORS-TREATED AD PATIENTS. Alzheimer's and Dementia, 2019, 15, P121.	0.8	3
84	Identifying a glucose metabolic brain pattern in an adeno-associated viral vector based rat model for Parkinson's disease using 18F-FDG PET imaging. Scientific Reports, 2019, 9, 12368.	3.3	5
85	Excitotoxic neurodegeneration is associated with a focal decrease in metabotropic glutamate receptor type 5 availability: an in vivo PET imaging study. Scientific Reports, 2019, 9, 12916.	3.3	10
86	[11C]JNJ54173717, a novel P2X7 receptor radioligand as marker for neuroinflammation: human biodistribution, dosimetry, brain kinetic modelling and quantification of brain P2X7 receptors in patients with Parkinson's disease and healthy volunteers. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2051-2064.	6.4	55
87	Temporal changes in neuroinflammation and brain glucose metabolism in a rat model of viral vector-induced α -synucleinopathy. Experimental Neurology, 2019, 320, 112964.	4.1	12
88	A Quantitative Evaluation of Joint Activity and Attenuation Reconstruction in TOF PET/MR Brain Imaging. Journal of Nuclear Medicine, 2019, 60, 1649-1655.	5.0	26
89	Electroconvulsive therapy response in late-life depression unaffected by age-related brain changes. Journal of Affective Disorders, 2019, 251, 114-120.	4.1	13
90	Maximum Likelihood Estimation of the Geometric Sensitivities in PET. , 2019, , .		0

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91	Regional Accuracy of ZTE-Based Attenuation Correction in Static [18F]FDG and Dynamic [18F]PE2I Brain PET/MR. <i>Frontiers in Physics</i> , 2019, 7, .	2.1	38
92	ICA ⁰⁰³ : THE CAPTAINS STUDY: STANDARDIZING VISUAL INTERPRETATION STRATEGIES FOR AMYLOID PET TRACERS. <i>Alzheimer's and Dementia</i> , 2019, 15, P14.	0.8	0
93	¹⁸ F-JNJ-64413739, a Novel PET Ligand for the P2X7 Ion Channel: Radiation Dosimetry, Kinetic Modeling, Test-Retest Variability, and Occupancy of the P2X7 Antagonist JNJ-54175446. <i>Journal of Nuclear Medicine</i> , 2019, 60, 683-690.	5.0	63
94	Glutamatergic Biomarkers for Cocaine Addiction: A Longitudinal Study Using MR Spectroscopy and mGluR5 PET in Self-Administering Rats. <i>Journal of Nuclear Medicine</i> , 2018, 59, 952-959.	5.0	18
95	Fatty Acid Amide Hydrolase Inhibition by JNJ ⁴²¹⁶⁵²⁷⁹ : A Multiple ^{Ascending} Dose and a Positron Emission Tomography Study in Healthy Volunteers. <i>Clinical and Translational Science</i> , 2018, 11, 397-404.	3.1	36
96	Lower Limbic Metabotropic Glutamate Receptor 5 Availability in Alcohol Dependence. <i>Journal of Nuclear Medicine</i> , 2018, 59, 682-690.	5.0	27
97	Automated assessment of FDG-PET for differential diagnosis in patients with neurodegenerative disorders. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1557-1566.	6.4	35
98	Prevalence of the apolipoprotein E ϵ 4 allele in amyloid β 2 positive subjects across the spectrum of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 913-924.	0.8	58
99	Altered mGluR5 binding potential and glutamine concentration in the 6-OHDA rat model of acute Parkinson's disease and levodopa-induced dyskinesia. <i>Neurobiology of Aging</i> , 2018, 61, 82-92.	3.1	29
100	Cerebral dopaminergic and glutamatergic transmission relate to different subjective responses of acute alcohol intake: an in vivo multimodal imaging study. <i>Addiction Biology</i> , 2018, 23, 931-944.	2.6	30
101	Association of Cerebral Amyloid- β 2 Aggregation With Cognitive Functioning in Persons Without Dementia. <i>JAMA Psychiatry</i> , 2018, 75, 84.	11.0	133
102	O3 ¹⁰ : A POLYGENIC AD RISK SCORE PREDICTS AMYLOID ACCUMULATION OVER A 6 ^{YEAR} INTERVAL IN COGNITIVELY INTACT OLDER ADULTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1041.	0.8	0
103	Glucose metabolic brain patterns to discriminate amyotrophic lateral sclerosis from Parkinson plus syndromes. <i>EJNMMI Research</i> , 2018, 8, 110.	2.5	7
104	Volume-of-interest-based supervised cluster analysis for pseudo-reference region selection in [18F]DPA-714 PET imaging of the rat brain. <i>EJNMMI Research</i> , 2018, 8, 112.	2.5	4
105	Estimation of crystal timings in TOF-PET. , 2018, , .		3
106	An approach for a reconstruction-derived whole-blood arterial input function (RDIF) in PET/MRI. , 2018, , .		0
107	Single-word comprehension deficits in the nonfluent variant of primary progressive aphasia. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 68.	6.2	16
108	Distinct [18F]THK5351 binding patterns in primary progressive aphasia variants. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2342-2357.	6.4	16

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109	Mixed response on regorafenib treatment for GIST (gastro-intestinal stromal tumor) according to 18F-FDG-PET/CT. <i>BMC Cancer</i> , 2018, 18, 253.	2.6	2
110	On the optimal z-score threshold for SISCOM analysis to localize the ictal onset zone. <i>EJNMMI Research</i> , 2018, 8, 34.	2.5	13
111	Positron emission tomography imaging of cerebral glucose metabolism and type 1 cannabinoid receptor availability during temporal lobe epileptogenesis in the amygdala kindling model in rhesus monkeys. <i>Epilepsia</i> , 2018, 59, 959-970.	5.1	17
112	Multicenter validation of [¹⁸ F]-FDG PET and support-vector machine discriminant analysis in automatically classifying patients with amyotrophic lateral sclerosis versus controls. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2018, 19, 570-577.	1.7	19
113	Striatal phosphodiesterase 10A availability is altered secondary to chronic changes in dopamine neurotransmission. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2017, 1, 3.	3.9	13
114	In vivo evidence for long-term vascular remodeling resulting from chronic cerebral hypoperfusion in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 726-739.	4.3	20
115	Asymmetric Amyloid Deposition in the Brain Following Unilateral Electroconvulsive Therapy. <i>Biological Psychiatry</i> , 2017, 81, e11-e13.	1.3	4
116	Abnormal dopamine transporter imaging in adult-onset Niemann-Pick disease type C. <i>Parkinsonism and Related Disorders</i> , 2017, 36, 107-108.	2.2	14
117	Preclinical Evaluation of [¹⁸ F]-JNJ64349311, a Novel PET Tracer for Tau Imaging. <i>Journal of Nuclear Medicine</i> , 2017, 58, 975-981.	5.0	72
118	The impact of reconstruction and scanner characterisation on the diagnostic capability of a normal database for [123I]FP-CIT SPECT imaging. <i>EJNMMI Research</i> , 2017, 7, 10.	2.5	16
119	Brain PET imaging of phosphodiesterase 10A in progressive supranuclear palsy and Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 943-945.	3.9	9
120	Fibrous dysplasia mimicking bone metastasis on 68GA-PSMA PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1607-1608.	6.4	43
121	Molecular Imaging of Human Embryonic Stem Cells Stably Expressing Human PET Reporter Genes After Zinc Finger Nuclease-Mediated Genome Editing. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1659-1665.	5.0	12
122	Positron emission tomography in amyotrophic lateral sclerosis: Towards targeting of molecular pathological hallmarks. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 533-547.	6.4	7
123	Cholinergic depletion and basal forebrain volume in primary progressive aphasia. <i>NeuroImage: Clinical</i> , 2017, 13, 271-279.	2.7	22
124	What We Observe In Vivo Is Not Always What We See In Vitro: Development and Validation of 11C-JNJ-42491293, A Novel Radioligand for mGluR2. <i>Journal of Nuclear Medicine</i> , 2017, 58, 110-116.	5.0	31
125	No Association of Lower Hippocampal Volume With Alzheimer's Disease Pathology in Late-Life Depression. <i>American Journal of Psychiatry</i> , 2017, 174, 237-245.	7.2	59
126	Differential brain responses to gradual intragastric nutrient infusion and gastric balloon distension: A role for gut peptides?. <i>NeuroImage</i> , 2017, 144, 101-112.	4.2	20

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127	[P3â€“385]: VISUAL READING OF AMYLOIDâ€“PET IN MCI CHALLENGED: SHOULD WE CONSIDER ALTERNATIVE METHODS?. Alzheimer's and Dementia, 2017, 13, P1107.	0.8	0
128	Synthesis, Biodistribution and In vitro Evaluation of Brain Permeable High Affinity Type 2 Cannabinoid Receptor Agonists [11C]MA2 and [18F]MA3. Frontiers in Neuroscience, 2016, 10, 431.	2.8	23
129	Drug Development in Alzheimerâ€™s Disease: The Contribution of PET and SPECT. Frontiers in Pharmacology, 2016, 7, 88.	3.5	22
130	Single-photon emission tomography. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2016, 135, 241-250.	1.8	12
131	Kinetic modeling and longâ€“term testâ€“retest reproducibility of the mGluR5 PET tracer ¹⁸Fâ€“FPEB in human brain. Synapse, 2016, 70, 153-162.	1.2	18
132	Functional integration changes in regional brain glucose metabolism from childhood to adulthood. Human Brain Mapping, 2016, 37, 3017-3030.	3.6	21
133	Comparison of New Tau PET-Tracer Candidates With [¹⁸F]T808 and [¹⁸F]T807. Molecular Imaging, 2016, 15, 153601211562492.	1.4	37
134	P1-350: 3D-Shape Perception in Amnestic Mild Cognitive Impairment. , 2016, 12, P563-P564.		0
135	P1-319: The Effect of Gray Matter Volume and Amyloid Load on Normal Cognitive Performance in Cognitively Intact Older Adults. , 2016, 12, P547-P547.		0
136	ICâ€“Pâ€“173: Utility of PMOD Image Quantification Software for Processing [¹¹C]PIB and [¹⁸F]Flutemetamol Images for SUVR Quantitation on The Centiloid Scale. Alzheimer's and Dementia, 2016, 12, P126.	0.8	7
137	ICâ€“Pâ€“187: Discovery and Firstâ€“inâ€“Human Evaluation of the TAUâ€“imaging PET Radiotracer [¹⁸F]MKâ€“6240. Alzheimer's and Dementia, 2016, 12, P136.	0.8	1
138	P1-246: Discovery and First-in-Human Evaluation of the TAU-Imaging PET Radiotracer [18 F]MK-6240. , 2016, 12, P501-P502.		0
139	Quantification of TSPO overexpression in a rat model of local neuroinflammation induced by intracerebral injection of LPS by the use of [18F]DPA-714 PET. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 163-172.	6.4	23
140	[18F]<sc>JN</sc>42259152 binding to phosphodiesterase 10A, a key regulator of medium spiny neuron excitability, is altered in the presence of cyclic <sc>AMP</sc>. Journal of Neurochemistry, 2016, 139, 897-906.	3.9	14
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