

Rudi A J O Dierckx

List of Publications by Year in descending order

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152
papers

3,366
citations

186265

28
h-index

189892

50
g-index

158
all docs

158
docs citations

158
times ranked

5029
citing authors

#	ARTICLE	IF	CITATIONS
1	Ventricle contact may be associated with higher 11C methionine PET uptake in glioblastoma. <i>Neuroradiology</i> , 2022, 64, 247-252.	2.2	2
2	Radiologist-patient consultation of imaging findings after neck ultrasonography: An opportunity to practice value-based radiology. <i>Clinical Imaging</i> , 2022, 81, 87-91.	1.5	2
3	Elevate value in neck ultrasonography to a next level. <i>Clinical Imaging</i> , 2022, , .	1.5	0
4	Clinical relevance of the radiation dose bath in lower grade glioma, a cross-sectional pilot study on neurocognitive and radiological outcome. <i>Clinical and Translational Radiation Oncology</i> , 2022, 33, 99-105.	1.7	2
5	A single dose of ketamine cannot prevent protracted stress-induced anhedonia and neuroinflammation in rats. <i>Stress</i> , 2022, 25, 145-155.	1.8	2
6	Imaging of neuroinflammation due to repetitive head injury in currently active kickboxers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3162-3172.	6.4	1
7	Cardiac Alterations on 3T MRI in Young Adults With Sedentary Lifestyle-Related Risk Factors. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 840790.	2.4	2
8	Combining Hepatic and Splenic CT Radiomic Features Improves Radiomic Analysis Performance for Liver Fibrosis Staging. <i>Diagnostics</i> , 2022, 12, 550.	2.6	9
9	Pharmacokinetic Modeling of [¹¹ C]GSK-189254, PET Tracer Targeting H ₃ Receptors, in Rat Brain. <i>Molecular Pharmaceutics</i> , 2022, 19, 918-928.	4.6	1
10	Prognostic value of 11C-methionine volume-based PET parameters in IDH wild type glioblastoma. <i>PLoS ONE</i> , 2022, 17, e0264387.	2.5	3
11	The integrated nuclear medicine and radiology residency program in the Netherlands: strengths and potential areas for improvement according to nuclear medicine physicians and radiologists. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3016-3022.	6.4	3
12	A proof-of-concept study on the use of a fluorescein-based 18F-tracer for pretargeted PET. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2022, 7, 3.	3.9	1
13	The effect of lesion filling on brain network analysis in multiple sclerosis using structural magnetic resonance imaging. <i>Insights Into Imaging</i> , 2022, 13, 63.	3.4	2
14	First-time imaging of [89Zr]trastuzumab in breast cancer using a long axial field-of-view PET/CT scanner. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3593-3595.	6.4	11
15	Quantitative assessment of myelin density using [11C]MeDAS PET in patients with multiple sclerosis: a first-in-human study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3492-3507.	6.4	6
16	Serotonergic system in vivo with [11C]DASB PET scans in GTP-cyclohydrolase deficient dopa-responsive dystonia patients. <i>Scientific Reports</i> , 2022, 12, 6292.	3.3	3
17	A deep learning masked segmentation alternative to manual segmentation in biparametric MRI prostate cancer radiomics. <i>European Radiology</i> , 2022, 32, 6526-6535.	4.5	11
18	Point-of-care ultrasonography: Downstream utilization of and diagnostic (dis)agreements with additional cross-sectional imaging. <i>European Journal of Radiology</i> , 2022, 152, 110344.	2.6	0

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19	Dose-response assessment of cerebral P-glycoprotein inhibition in vivo with [18F]MC225 and PET. <i>Journal of Controlled Release</i> , 2022, 347, 500-507.	9.9	7
20	Impact of an Adenosine A _{2A} Receptor Agonist and Antagonist on Binding of the Dopamine D ₂ Receptor Ligand [¹¹ C]raclopride in the Rodent Striatum. <i>Molecular Pharmaceutics</i> , 2022, 19, 2992-3001.	4.6	2
21	Myelin quantification with MRI: A systematic review of accuracy and reproducibility. <i>NeuroImage</i> , 2021, 226, 117561.	4.2	67
22	Skeletal muscle mass and sarcopenia can be determined with 1.5-T and 3-T neck MRI scans, in the event that no neck CT scan is performed. <i>European Radiology</i> , 2021, 31, 4053-4062.	4.5	25
23	The Added Value of [18F]FDG PET/CT in the Management of Invasive Fungal Infections. <i>Diagnostics</i> , 2021, 11, 137.	2.6	15
24	Feasibility of pharmacokinetic parametric PET images in scaled subprofile modelling using principal component analysis. <i>NeuroImage: Clinical</i> , 2021, 30, 102625.	2.7	4
25	Time to Reconsider Routine Percutaneous Biopsy in Spondylodiscitis?. <i>American Journal of Neuroradiology</i> , 2021, 42, 627-631.	2.4	2
26	Use of population input functions for reduced scan duration whole-body Patlak 18F-FDG PET imaging. <i>EJNMMI Physics</i> , 2021, 8, 11.	2.7	17
27	Allosteric Interactions between Adenosine A _{2A} and Dopamine D ₂ Receptors in Heteromeric Complexes: Biochemical and Pharmacological Characteristics, and Opportunities for PET Imaging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1719.	4.1	17
28	PET/CT Imaging and Physiology of Mice on High Protein Diet. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3236.	4.1	1
29	Amyloid burden quantification depends on PET and MR image processing methodology. <i>PLoS ONE</i> , 2021, 16, e0248122.	2.5	5
30	The new integrated nuclear medicine and radiology residency program in the Netherlands: why do residents choose to subspecialize in nuclear medicine and why not?. <i>Journal of Nuclear Medicine</i> , 2021, 62, jnumed.120.261503.	5.0	8
31	Requests for radiologic imaging: Prevalence and determinants of inadequate quality according to RI-RADS. <i>European Journal of Radiology</i> , 2021, 137, 109615.	2.6	2
32	FDG-PET/CT in intensive care patients with bloodstream infection. <i>Critical Care</i> , 2021, 25, 133.	5.8	18
33	Liver fibrosis staging by deep learning: a visual-based explanation of diagnostic decisions of the model. <i>European Radiology</i> , 2021, 31, 9620-9627.	4.5	23
34	No evidence for decreased D _{2/3} receptor availability and frontal hypoperfusion in subjects with compulsive pornography use. <i>Psychiatry Research - Neuroimaging</i> , 2021, 311, 111284.	1.8	2
35	Radionuclide Imaging of Fungal Infections and Correlation with the Host Defense Response. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 407.	3.5	7
36	PET Agents in Dementia: An Overview. <i>Seminars in Nuclear Medicine</i> , 2021, 51, 196-229.	4.6	23

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37	Head-to-head comparison of (R)-[¹¹ C]verapamil and [¹⁸ F]MC225 in non-human primates, tracers for measuring P-glycoprotein function. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4307-4317.	6.4	6
38	Long axial field of view PET scanners: a road map to implementation and new possibilities. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4236-4245.	6.4	50
39	Hypotension during endovascular treatment under general anesthesia for acute ischemic stroke. <i>PLoS ONE</i> , 2021, 16, e0249093.	2.5	9
40	Evaluation of P-glycoprotein function at the blood-brain barrier using [¹⁸ F]MC225-PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4105-4106.	6.4	7
41	Recommendations in Second Opinion Reports of Neurologic Head and Neck Imaging: Frequency, Referring Clinicians' Compliance, and Diagnostic Yield. <i>American Journal of Neuroradiology</i> , 2021, 42, 1676-1682.	2.4	0
42	In Vivo Induction of P-Glycoprotein Function can be Measured with [¹⁸ F]MC225 and PET. <i>Molecular Pharmaceutics</i> , 2021, 18, 3073-3085.	4.6	11
43	Clinical importance of testing for clopidogrel resistance in patients undergoing carotid artery stenting—a systematic review. <i>Annals of Translational Medicine</i> , 2021, 9, 1211-1211.	1.7	10
44	A new approach to produce [¹⁸ F]MC225 via one-step synthesis, a PET radiotracer for measuring P-gp function. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 24.	3.9	0
45	Is cyclooxygenase-1 involved in neuroinflammation?. <i>Journal of Neuroscience Research</i> , 2021, 99, 2976-2998.	2.9	28
46	Magnetic resonance imaging assessment of renal flow distribution patterns during ex vivo normothermic machine perfusion in porcine and human kidneys. <i>Transplant International</i> , 2021, 34, 1643-1655.	1.6	19
47	Let's embrace optical imaging: a growing branch on the clinical molecular imaging tree. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4120-4128.	6.4	10
48	Balancing Speed and Accuracy in Cardiac Magnetic Resonance Function Post-Processing: Comparing 2 Levels of Automation in 3 Vendors to Manual Assessment. <i>Diagnostics</i> , 2021, 11, 1758.	2.6	3
49	Portal vein obstruction after pediatric liver transplantation: A systematic review of current treatment strategies. <i>Transplantation Reviews</i> , 2021, 35, 100630.	2.9	13
50	Semi-Quantitative Characterization of Post-Transplant Lymphoproliferative Disorder Morphological Subtypes with [¹⁸ F]FDG PET/CT. <i>Journal of Clinical Medicine</i> , 2021, 10, 361.	2.4	4
51	Medical knowledge and clinical productivity: independently correlated metrics during radiology residency. <i>European Radiology</i> , 2021, 31, 5344-5350.	4.5	3
52	Synthesis and Evaluation of ¹⁸ F-Enzalutamide, a New Radioligand for PET Imaging of Androgen Receptors: A Comparison with ¹⁶ β- ¹⁸ F-Fluoro-5α-Dihydrotestosterone. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1140-1145.	5.0	7
53	Pharmacokinetic Modeling of (R)-[¹¹ C]verapamil to Measure the P-Glycoprotein Function in Nonhuman Primates. <i>Molecular Pharmaceutics</i> , 2021, 18, 416-428.	4.6	3
54	Single-center versus multi-center biparametric MRI radiomics approach for clinically significant peripheral zone prostate cancer. <i>Insights Into Imaging</i> , 2021, 12, 150.	3.4	15

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55	Radionuclide Imaging of Invasive Fungal Disease in Immunocompromised Hosts. <i>Diagnostics</i> , 2021, 11, 2057.	2.6	6
56	Diagnostic Accuracy of PET Tracers for the Differentiation of Tumor Progression from Treatment-Related Changes in High-Grade Glioma: A Systematic Review and Metaanalysis. <i>Journal of Nuclear Medicine</i> , 2020, 61, 498-504.	5.0	41
57	Image Quality and Activity Optimization in Oncologic ¹⁸ F-FDG PET Using the Digital Biograph Vision PET/CT System. <i>Journal of Nuclear Medicine</i> , 2020, 61, 764-771.	5.0	41
58	Image Quality and Semiquantitative Measurements on the Biograph Vision PET/CT System: Initial Experiences and Comparison with the Biograph mCT. <i>Journal of Nuclear Medicine</i> , 2020, 61, 129-135.	5.0	56
59	Modeling of [18F]FEOBV Pharmacokinetics in Rat Brain. <i>Molecular Imaging and Biology</i> , 2020, 22, 931-939.	2.6	2
60	Multiparametric MRI and auto-fixed volume of interest-based radiomics signature for clinically significant peripheral zone prostate cancer. <i>European Radiology</i> , 2020, 30, 1313-1324.	4.5	40
61	Pharmacokinetic Modeling of [18F]MC225 for Quantification of the P-Glycoprotein Function at the Blood-Brain Barrier in Non-Human Primates with PET. <i>Molecular Pharmaceutics</i> , 2020, 17, 3477-3486.	4.6	14
62	Non-adherence to consensus guidelines on preoperative imaging in surgery for primary hyperparathyroidism. <i>Laryngoscope Investigative Otolaryngology</i> , 2020, 5, 1247-1253.	1.5	4
63	A Photocleavable Contrast Agent for Light-Responsive MRI. <i>Pharmaceutics</i> , 2020, 13, 296.	3.8	2
64	Focused ultrasound for opening blood-brain barrier and drug delivery monitored with positron emission tomography. <i>Journal of Controlled Release</i> , 2020, 324, 303-316.	9.9	41
65	The Crisis After the Crisis: The Time Is Now to Prepare Your Radiology Department. <i>Journal of the American College of Radiology</i> , 2020, 17, 749-751.	1.8	12
66	Effect of muscle depletion on survival in peripheral arterial occlusive disease: Quality over quantity. <i>Journal of Vascular Surgery</i> , 2020, 72, 2006-2016.e1.	1.1	9
67	Delayed effects of a single-dose whole-brain radiation therapy on glucose metabolism and myelin density: a longitudinal PET study. <i>International Journal of Radiation Biology</i> , 2020, 96, 1135-1143.	1.8	1
68	Effect of Dopamine D ₂ Receptor Antagonists on [¹⁸ F]-FEOBV Binding. <i>Molecular Pharmaceutics</i> , 2020, 17, 865-872.	4.6	3
69	The Acute and Early Effects of Whole-Brain Irradiation on Glial Activation, Brain Metabolism, and Behavior: a Positron Emission Tomography Study. <i>Molecular Imaging and Biology</i> , 2020, 22, 1012-1020.	2.6	8
70	Chronic harmine treatment has a delayed effect on mobility in control and socially defeated rats. <i>Psychopharmacology</i> , 2020, 237, 1595-1606.	3.1	8
71	Test-Retest Repeatability of [18F]MC225-PET in Rodents: A Tracer for Imaging of P-gp Function. <i>ACS Chemical Neuroscience</i> , 2020, 11, 648-658.	3.5	8
72	Intrastriatal gradient analyses of 18F-FDOPA PET scans for differentiation of Parkinsonian disorders. <i>NeuroImage: Clinical</i> , 2020, 25, 102161.	2.7	23

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73	18F-FDG PET/CT in the Diagnostic and Treatment Evaluation of Pediatric Posttransplant Lymphoproliferative Disorders. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1307-1313.	5.0	15
74	Therapeutic effects of dietary intervention on neuroinflammation and brain metabolism in a rat model of photothrombotic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 36-46.	3.9	8
75	Test-Retest Stability of Cerebral 2-Deoxy-2-[18F]Fluoro-D-Glucose ([18F]FDG) Positron Emission Tomography (PET) in Male and Female Rats. <i>Molecular Imaging and Biology</i> , 2019, 21, 240-248.	2.6	6
76	Quantitative Analysis of Heterogeneous [18F]FDG Static (SUV) vs. Patlak (Ki) Whole-body PET Imaging Using Different Segmentation Methods: a Simulation Study. <i>Molecular Imaging and Biology</i> , 2019, 21, 317-327.	2.6	18
77	Brain-Derived Neurotrophic Factor in Brain Disorders: Focus on Neuroinflammation. <i>Molecular Neurobiology</i> , 2019, 56, 3295-3312.	4.0	449
78	Diagnostic performance of regional cerebral blood flow images derived from dynamic PIB scans in Alzheimer's disease. <i>EJNMMI Research</i> , 2019, 9, 59.	2.5	19
79	Somatostatin receptor imaging by SPECT and PET in patients with chronic inflammatory disorders: a systematic review. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2496-2513.	6.4	33
80	Repeatability of [18F]FDG PET/CT total metabolic active tumour volume and total tumour burden in NSCLC patients. <i>EJNMMI Research</i> , 2019, 9, 14.	2.5	26
81	Optimization of parathyroid 11C-choline PET protocol for localization of parathyroid adenomas in patients with primary hyperparathyroidism. <i>EJNMMI Research</i> , 2019, 9, 73.	2.5	15
82	Relative cerebral flow from dynamic PIB scans as an alternative for FDG scans in Alzheimer's disease PET studies. <i>PLoS ONE</i> , 2019, 14, e0211000.	2.5	33
83	Quantifying effects of radiotherapy-induced microvascular injury; review of established and emerging brain MRI techniques. <i>Radiotherapy and Oncology</i> , 2019, 140, 41-53.	0.6	29
84	Impact of Tissue Classification in MRI-Guided Attenuation Correction on Whole-Body Patlak PET/MRI. <i>Molecular Imaging and Biology</i> , 2019, 21, 1147-1156.	2.6	5
85	Patient complaints in radiology: 9-year experience at a European tertiary care center. <i>European Radiology</i> , 2019, 29, 5395-5402.	4.5	11
86	Radiofrequency ablation of atypical cartilaginous tumors in long bones: a retrospective study. <i>International Journal of Hyperthermia</i> , 2019, 36, 1189-1195.	2.5	5
87	FDG-avid presacral soft tissue mass in previously treated rectal cancer: Diagnostic outcome and additional value of MRI, including diffusion-weighted imaging. <i>European Journal of Surgical Oncology</i> , 2019, 45, 606-612.	1.0	7
88	Variability and Repeatability of Quantitative Uptake Metrics in ¹⁸ F-FDG PET/CT of Non-Small Cell Lung Cancer: Impact of Segmentation Method, Uptake Interval, and Reconstruction Protocol. <i>Journal of Nuclear Medicine</i> , 2019, 60, 600-607.	5.0	16
89	Hunting for the high-affinity state of G-protein-coupled receptors with agonist tracers: Theoretical and practical considerations for positron emission tomography imaging. <i>Medicinal Research Reviews</i> , 2019, 39, 1014-1052.	10.5	22
90	Performance Characteristics of the Digital Biograph Vision PET/CT System. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1031-1036.	5.0	316

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109	Hybrid imaging in Crohn's disease: from SPECT/CT to PET/MR and new image interpretation criteria. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2018, 62, 40-55.	0.7	13
110	In Vivo Evaluation of ¹¹ C-Preladenant for PET Imaging of Adenosine A _{2A} Receptors in the Conscious Monkey. Journal of Nuclear Medicine, 2017, 58, 762-767.	5.0	19
111	Pharmacokinetic modeling of [¹¹ C]flumazenil kinetics in the rat brain. EJNMMI Research, 2017, 7, 17.	2.5	7
112	Radiation Dosimetry of a Novel Adenosine A _{2A} Receptor Radioligand [¹¹ C]Preladenant Based on PET/CT Imaging and Ex Vivo Biodistribution in Rats. Molecular Imaging and Biology, 2017, 19, 289-297.	2.6	15
113	Subtle alterations in cerebrovascular reactivity in mild cognitive impairment detected by graph theoretical analysis and not by the standard approach. NeuroImage: Clinical, 2017, 15, 151-160.	2.7	8
114	Synthesis and Evaluation of the Estrogen Receptor ¹²⁵ I-Selective Radioligand 2- ¹⁸ F-Fluoro-6-(6-Hydroxynaphthalen-2-yl)Pyridin-3-ol: Comparison with ¹⁶ I- ¹⁸ F-Fluoro-17 ^β -Estradiol. Journal of Nuclear Medicine, 2017, 58, 554-559.	5.0	19
115	The Role of Nuclear Medicine in the Staging and Management of Human Immune Deficiency Virus Infection and Associated Diseases. Nuclear Medicine and Molecular Imaging, 2017, 51, 127-139.	1.0	13
116	In Vivo Quantification of ER ¹²⁵ Expression by Pharmacokinetic Modeling: Studies with ¹⁸ F-FHNP PET. Journal of Nuclear Medicine, 2017, 58, 1743-1748.	5.0	6
117	Effect of Preventive and Curative Fingolimod Treatment Regimens on Microglia Activation and Disease Progression in a Rat Model of Multiple Sclerosis. Journal of NeuroImmune Pharmacology, 2017, 12, 521-530.	4.1	6
118	Preclinical Evaluation and Quantification of ¹⁸ F-Fluoroethyl and ¹⁸ F-Fluoropropyl Analogs of SCH442416 as Radioligands for PET Imaging of the Adenosine A _{2A} Receptor in Rat Brain. Journal of Nuclear Medicine, 2017, 58, 466-472.	5.0	18
119	[P2 ³⁸⁷]: EPISODIC MEMORY IN MILD COGNITIVE IMPAIRMENT INVERSELY CORRELATES WITH THE PATIENT CONTRIBUTION TO CEREBRAL BLOOD FLOW NETWORK MODULARITY. Alzheimer's and Dementia, 2017, 13, P777.	0.8	0
120	Radiolabeling of VEGF165 with ^{99m} Tc to evaluate VEGFR expression in tumor angiogenesis. International Journal of Oncology, 2017, 50, 2171-2179.	3.3	7
121	Novel active contour model-based automated segmentation of PET images. , 2016, , .		1
122	VEGF in nuclear medicine: Clinical application in cancer and future perspectives (Review). International Journal of Oncology, 2016, 49, 437-447.	3.3	15
123	Generic and robust method for automatic segmentation of PET images using an active contour model. Medical Physics, 2016, 43, 4483-4494.	3.0	18
124	Pharmacokinetic Analysis of ¹¹ C-PBR28 in the Rat Model of Herpes Encephalitis: Comparison with (<i>i</i> R <i>i</i>)- ¹¹ C-PK11195. Journal of Nuclear Medicine, 2016, 57, 785-791.	5.0	21
125	PET/CT imaging of Mycobacterium tuberculosis infection. Clinical and Translational Imaging, 2016, 4, 131-144.	2.1	98
126	Three Month Follow-Up of Rat Mild Traumatic Brain Injury: A Combined [¹⁸ F]FDG and [¹¹ C]PK11195 Positron Emission Study. Journal of Neurotrauma, 2016, 33, 1855-1865.	3.4	22

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127	P-glycoprotein Function in the Rodent Brain Displays a Daily Rhythm, a Quantitative In Vivo PET Study. AAPS Journal, 2016, 18, 1524-1531.	4.4	21
128	Altered Regional Cerebral Blood Flow in Chronic Whiplash Associated Disorders. EBioMedicine, 2016, 10, 249-257.	6.1	18
129	¹¹ C and ¹⁸ F Labeled Radioligands for Glycoprotein Imaging by Positron Emission Tomography. ChemMedChem, 2016, 11, 108-118.	3.2	6
130	Sigma-1 Agonist Binding in the Aging Rat Brain: a MicroPET Study with [11C]SA4503. Molecular Imaging and Biology, 2016, 18, 588-597.	2.6	11
131	Isolation and ¹¹¹ In Oxine Labeling of Murine NK Cells for Assessment of Cell Trafficking in Orthotopic Lung Tumor Model. Molecular Pharmaceutics, 2016, 13, 1329-1338.	4.6	7
132	Imaging fungal infections in children. Clinical and Translational Imaging, 2016, 4, 57-72.	2.1	37
133	A Standardized Method for the Construction of Tracer Specific PET and SPECT Rat Brain Templates: Validation and Implementation of a Toolbox. PLoS ONE, 2015, 10, e0122363.	2.5	52
134	Serotonin-2C antagonism augments the effect of citalopram on serotonin and dopamine levels in the ventral tegmental area and nucleus accumbens. Neurochemistry International, 2015, 81, 10-15.	3.8	9
135	In Vivo Biodistribution of No-Carrier-Added 6-18F-Fluoro-3,4-Dihydroxy-l-Phenylalanine (18F-DOPA), Produced by a New Nucleophilic Substitution Approach, Compared with Carrier-Added 18F-DOPA, Prepared by Conventional Electrophilic Substitution. Journal of Nuclear Medicine, 2015, 56, 106-112.	5.0	60
136	MicroPET Evaluation of a Hydroxamate-Based MMP Inhibitor, [18F]FB-ML5, in a Mouse Model of Cigarette Smoke-Induced Acute Airway Inflammation. Molecular Imaging and Biology, 2015, 17, 680-687.	2.6	5
137	Feasibility of [18F]-RGD for ex vivo imaging of atherosclerosis in detection of $\alpha_2\beta_1$ integrin expression. Journal of Nuclear Cardiology, 2015, 22, 1179-1186.	2.1	32
138	A dual inhibitor of matrix metalloproteinases and a disintegrin and metalloproteinases, [18F]FB-ML5, as a molecular probe for non-invasive MMP/ADAM-targeted imaging. Bioorganic and Medicinal Chemistry, 2015, 23, 192-202.	3.0	17
139	Synthesis and Evaluation in Rats of the Dopamine D2/3 Receptor Agonist 18F-AMC20 as a Potential Radioligand for PET. Journal of Nuclear Medicine, 2015, 56, 133-139.	5.0	6
140	Potential applications for sigma receptor ligands in cancer diagnosis and therapy. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 2703-2714.	2.6	127
141	[¹¹ C]5-HTP and microPET are Not Suitable for Pharmacodynamic Studies in the Rodent Brain. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 118-125.	4.3	10
142	PET Imaging of Adenosine A ₁ Receptor Occupancy. Journal of Nuclear Medicine, 2014, 55, 1918-1918.	5.0	2
143	PET imaging of glucose metabolism, neuroinflammation and demyelination in the lysolecithin rat model for multiple sclerosis. Multiple Sclerosis Journal, 2014, 20, 1443-1452.	3.0	29
144	PET imaging of focal demyelination and remyelination in a rat model of multiple sclerosis: comparison of [11C]MeDAS, [11C]CIC and [11C]PIB. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 995-1003.	6.4	47

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145	PET imaging of demyelination and remyelination in the cuprizone mouse model for multiple sclerosis: A comparison between [11C]CIC and [11C]MeDAS. <i>NeuroImage</i> , 2014, 87, 395-402.	4.2	34
146	cerebral beta-adrenoceptors. <i>Nuclear Medicine and Biology</i> , 2014, 41, 203-209.	0.6	3
147	PET Imaging of Disease Progression and Treatment Effects in the Experimental Autoimmune Encephalomyelitis Rat Model. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1330-1335.	5.0	15
148	Chronic whiplash-associated disorders. <i>Lancet, The</i> , 2014, 384, 1346.	13.7	5
149	PET imaging of oestrogen receptors in patients with breast cancer. <i>Lancet Oncology, The</i> , 2013, 14, e465-e475.	10.7	173
150	Multiagent imaging of inflammation and infection with radionuclides. <i>Clinical and Translational Imaging</i> , 2013, 1, 385-396.	2.1	29
151	Deformable model-based PET segmentation for heterogeneous tumor volume delineation. , 2012, , .		2
152	Binding of the Dual-Action Anti-Parkinsonian Drug AG-0029 to Dopamine D ₂ and Histamine H ₃ Receptors: A PET Study in Healthy Rats. <i>Molecular Pharmaceutics</i> , 0, , .	4.6	0