

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
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158
all docs

158
docs citations

158
times ranked

5029
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-Derived Neurotrophic Factor in Brain Disorders: Focus on Neuroinflammation. <i>Molecular Neurobiology</i> , 2019, 56, 3295-3312.	4.0	449
2	Performance Characteristics of the Digital Biograph Vision PET/CT System. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1031-1036.	5.0	316
3	PET imaging of oestrogen receptors in patients with breast cancer. <i>Lancet Oncology</i> , The, 2013, 14, e465-e475.	10.7	173
4	Potential applications for sigma receptor ligands in cancer diagnosis and therapy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2703-2714.	2.6	127
5	PET/CT imaging of Mycobacterium tuberculosis infection. <i>Clinical and Translational Imaging</i> , 2016, 4, 131-144.	2.1	98
6	Repeatability of ¹⁸ F-FDG PET radiomic features: A phantom study to explore sensitivity to image reconstruction settings, noise, and delineation method. <i>Medical Physics</i> , 2019, 46, 665-678.	3.0	81
7	Tuberculosis. <i>Seminars in Nuclear Medicine</i> , 2018, 48, 108-130.	4.6	74
8	Myelin quantification with MRI: A systematic review of accuracy and reproducibility. <i>NeuroImage</i> , 2021, 226, 117561.	4.2	67
9	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. <i>Journal of Nuclear Medicine</i> , 2015, 56, 106-112.	5.0	60
10	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
11	A Standardized Method for the Construction of Tracer Specific PET and SPECT Rat Brain Templates: Validation and Implementation of a Toolbox. <i>PLoS ONE</i> , 2015, 10, e0122363.	2.5	52
12	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
13	PET imaging of focal demyelination and remyelination in a rat model of multiple sclerosis: comparison of [11C]MeDAS, [11C]CIC and [11C]PIB. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 995-1003.	6.4	47
14	Role of FDG PET/CT in monitoring treatment response in patients with invasive fungal infections. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 174-183.	6.4	41
15	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
16	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
17	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
18	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

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19	Imaging fungal infections in children. <i>Clinical and Translational Imaging</i> , 2016, 4, 57-72.	2.1	37
20	Potential Therapeutic Applications of Adenosine A _{2A} Receptor Ligands and Opportunities for A _{2A} Receptor Imaging. <i>Medicinal Research Reviews</i> , 2018, 38, 5-56.	10.5	35
21	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
22	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
23	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
24	Feasibility of [18F]-RGD for ex vivo imaging of atherosclerosis in detection of $\alpha_v\beta_3$ integrin expression. <i>Journal of Nuclear Cardiology</i> , 2015, 22, 1179-1186.	2.1	32
25	CT-guided biopsy in suspected spondylodiscitis: microbiological yield, impact on antimicrobial treatment, and relationship with outcome. <i>Skeletal Radiology</i> , 2018, 47, 1383-1391.	2.0	30
26	Avenues to molecular imaging of dying cells: Focus on cancer. <i>Medicinal Research Reviews</i> , 2018, 38, 1713-1768.	10.5	30
27	Multiagent imaging of inflammation and infection with radionuclides. <i>Clinical and Translational Imaging</i> , 2013, 1, 385-396.	2.1	29
28	PET imaging of glucose metabolism, neuroinflammation and demyelination in the lysolecithin rat model for multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014, 20, 1443-1452.	3.0	29
29	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
30	Native T ₁ reference values for nonischemic cardiomyopathies and populations with increased cardiovascular risk: A systematic review and meta-analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 891-912.	3.4	28
31	Is cyclooxygenase-1 involved in neuroinflammation?. <i>Journal of Neuroscience Research</i> , 2021, 99, 2976-2998.	2.9	28
32	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
33	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
34	Intrastriatal gradient analyses of 18F-FDOPA PET scans for differentiation of Parkinsonian disorders. <i>NeuroImage: Clinical</i> , 2020, 25, 102161.	2.7	23
35	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
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	Three Month Follow-Up of Rat Mild Traumatic Brain Injury: A Combined [¹⁸ F]FDG and [¹¹ C]PK11195 Positron Emission Study. <i>Journal of Neurotrauma</i> , 2016, 33, 1855-1865.	3.4	22
38	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
39	Pharmacokinetic Analysis of [¹¹ C]-PBR28 in the Rat Model of Herpes Encephalitis: Comparison with [¹¹ C]-PK11195. <i>Journal of Nuclear Medicine</i> , 2016, 57, 785-791.	5.0	21
40	P-glycoprotein Function in the Rodent Brain Displays a Daily Rhythm, a Quantitative In Vivo PET Study. <i>AAPS Journal</i> , 2016, 18, 1524-1531.	4.4	21
41	Culture yield of repeat percutaneous image-guided biopsy after a negative initial biopsy in suspected spondylodiscitis: a systematic review. <i>Skeletal Radiology</i> , 2018, 47, 1327-1335.	2.0	21
42	In Vivo Evaluation of [¹¹ C]-Preladenant for PET Imaging of Adenosine A _{2A} Receptors in the Conscious Monkey. <i>Journal of Nuclear Medicine</i> , 2017, 58, 762-767.	5.0	19
43	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 α - ¹⁸ F-Fluoro-17 β -Estradiol. <i>Journal of Nuclear Medicine</i> , 2017, 58, 554-559.	5.0	19
44	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
45	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
46	Generic and robust method for automatic segmentation of PET images using an active contour model. <i>Medical Physics</i> , 2016, 43, 4483-4494.	3.0	18
47	Altered Regional Cerebral Blood Flow in Chronic Whiplash Associated Disorders. <i>EBioMedicine</i> , 2016, 10, 249-257.	6.1	18
48	Preclinical Evaluation and Quantification of 18F-Fluoroethyl and 18F-Fluoropropyl Analogs of SCH442416 as Radioligands for PET Imaging of the Adenosine A _{2A} Receptor in Rat Brain. <i>Journal of Nuclear Medicine</i> , 2017, 58, 466-472.	5.0	18
49	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
50	FDG-PET/CT in intensive care patients with bloodstream infection. <i>Critical Care</i> , 2021, 25, 133.	5.8	18
51	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. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 192-202.	3.0	17
52	The Role of PET in Monitoring Therapy in Fungal Infections. <i>Current Pharmaceutical Design</i> , 2018, 24, 795-805.	1.9	17
53	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
54	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

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55	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
56	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
57	VEGF in nuclear medicine: Clinical application in cancer and future perspectives (Review). <i>International Journal of Oncology</i> , 2016, 49, 437-447.	3.3	15
58	Radiation Dosimetry of a Novel Adenosine A2A Receptor Radioligand [¹¹ C]Preladenant Based on PET/CT Imaging and Ex Vivo Biodistribution in Rats. <i>Molecular Imaging and Biology</i> , 2017, 19, 289-297.	2.6	15
59	Anti-inflammatory effects of rice bran components. <i>Nutrition Reviews</i> , 2018, 76, 372-379.	5.8	15
60	Optimization of parathyroid ¹¹ C-choline PET protocol for localization of parathyroid adenomas in patients with primary hyperparathyroidism. <i>EJNMMI Research</i> , 2019, 9, 73.	2.5	15
61	The Added Value of [¹⁸ F]FDG PET/CT in the Management of Invasive Fungal Infections. <i>Diagnostics</i> , 2021, 11, 137.	2.6	15
62	¹⁸ F-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
63	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
64	SMART (SiMulAtion and ReconsTruction) PET: an efficient PET simulation-reconstruction tool. <i>EJNMMI Physics</i> , 2018, 5, 16.	2.7	14
65	Pharmacokinetic Modeling of [¹⁸ F]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
66	The Role of Nuclear Medicine in the Staging and Management of Human Immune Deficiency Virus Infection and Associated Diseases. <i>Nuclear Medicine and Molecular Imaging</i> , 2017, 51, 127-139.	1.0	13
67	Pharmacokinetic properties of radiolabeled mutant Interleukin-2v: a PET imaging study. <i>Oncotarget</i> , 2018, 9, 7162-7174.	1.8	13
68	Hybrid imaging in Crohn's disease: from SPECT/CT to PET/MR and new image interpretation criteria. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 62, 40-55.	0.7	13
69	Portal vein obstruction after pediatric liver transplantation: A systematic review of current treatment strategies. <i>Transplantation Reviews</i> , 2021, 35, 100630.	2.9	13
70	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
71	Sigma-1 Agonist Binding in the Aging Rat Brain: a MicroPET Study with [¹¹ C]SA4503. <i>Molecular Imaging and Biology</i> , 2016, 18, 588-597.	2.6	11
72	Patient complaints in radiology: 9-year experience at a European tertiary care center. <i>European Radiology</i> , 2019, 29, 5395-5402.	4.5	11

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73	<i>In Vivo</i> 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
74	First-time imaging of [⁸⁹ Zr]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
75	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
76	[¹¹ C]5-HTP and microPET are Not Suitable for Pharmacodynamic Studies in the Rodent Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 118-125.	4.3	10
77	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
78	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
79	Comparison of Fluorine(18)-fluorodeoxyglucose and Gallium(68)-citrate PET/CT in patients with tuberculosis. <i>Nuklearmedizin - Nuclear Medicine</i> , 2019, 58, 371-378.	0.7	10
80	Non-FDG PET/CT in Diagnostic Oncology: a pictorial review. <i>European Journal of Hybrid Imaging</i> , 2019, 3, 20.	1.5	10
81	Serotonin-2C antagonism augments the effect of citalopram on serotonin and dopamine levels in the ventral tegmental area and nucleus accumbens. <i>Neurochemistry International</i> , 2015, 81, 10-15.	3.8	9
82	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
83	Hypotension during endovascular treatment under general anesthesia for acute ischemic stroke. <i>PLoS ONE</i> , 2021, 16, e0249093.	2.5	9
84	Combining Hepatic and Splenic CT Radiomic Features Improves Radiomic Analysis Performance for Liver Fibrosis Staging. <i>Diagnostics</i> , 2022, 12, 550.	2.6	9
85	Subtle alterations in cerebrovascular reactivity in mild cognitive impairment detected by graph theoretical analysis and not by the standard approach. <i>NeuroImage: Clinical</i> , 2017, 15, 151-160.	2.7	8
86	Surveillance MRI for the detection of locally recurrent Ewing sarcoma seems futile. <i>Skeletal Radiology</i> , 2018, 47, 1517-1522.	2.0	8
87	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
88	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
89	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
90	Retest Repeatability of [¹⁸ F]MC225-PET in Rodents: A Tracer for Imaging of P-gp Function. <i>ACS Chemical Neuroscience</i> , 2020, 11, 648-658.	3.5	8

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91	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
92	Isolation and ¹¹¹ In- ⁶⁷ Cu Labeling of Murine NK Cells for Assessment of Cell Trafficking in Orthotopic Lung Tumor Model. <i>Molecular Pharmaceutics</i> , 2016, 13, 1329-1338.	4.6	7
93	Pharmacokinetic modeling of [¹¹ C]flumazenil kinetics in the rat brain. <i>EJNMMI Research</i> , 2017, 7, 17.	2.5	7
94	Radiolabeling of VEGF165 with ^{99m} Tc to evaluate VEGFR expression in tumor angiogenesis. <i>International Journal of Oncology</i> , 2017, 50, 2171-2179.	3.3	7
95	PET Imaging with S-[¹¹ C]Methyl-L-Cysteine and L-[Methyl- ¹¹ C]Methionine in Rat Models of Glioma, Glioma Radiotherapy, and Neuroinflammation. <i>Molecular Imaging and Biology</i> , 2018, 20, 465-472.	2.6	7
96	Episodic memory in mild cognitive impairment inversely correlates with the global modularity of the cerebral blood flow network. <i>Psychiatry Research - Neuroimaging</i> , 2018, 282, 73-81.	1.8	7
97	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
98	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
99	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
100	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
101	Dose-response assessment of cerebral P-glycoprotein inhibition in vivo with [¹⁸ F]MC225 and PET. <i>Journal of Controlled Release</i> , 2022, 347, 500-507.	9.9	7
102	Synthesis and Evaluation in Rats of the Dopamine D2/3 Receptor Agonist ¹⁸ F-AMC20 as a Potential Radioligand for PET. <i>Journal of Nuclear Medicine</i> , 2015, 56, 133-139.	5.0	6
103	¹¹ C- and ¹⁸ F-labeled Radioligands for Glycoprotein Imaging by Positron Emission Tomography. <i>ChemMedChem</i> , 2016, 11, 108-118.	3.2	6
104	In Vivo Quantification of ER ^β Expression by Pharmacokinetic Modeling: Studies with ¹⁸ F-FHNP PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1743-1748.	5.0	6
105	Effect of Preventive and Curative Fingolimod Treatment Regimens on Microglia Activation and Disease Progression in a Rat Model of Multiple Sclerosis. <i>Journal of NeuroImmune Pharmacology</i> , 2017, 12, 521-530.	4.1	6
106	Test-Retest Stability of Cerebral 2-Deoxy-2-[¹⁸ F]Fluoro-D-Glucose ([¹⁸ F]FDG) Positron Emission Tomography (PET) in Male and Female Rats. <i>Molecular Imaging and Biology</i> , 2019, 21, 240-248.	2.6	6
107	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
108	Radionuclide Imaging of Invasive Fungal Disease in Immunocompromised Hosts. <i>Diagnostics</i> , 2021, 11, 2057.	2.6	6

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109	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
110	Chronic whiplash-associated disorders. <i>Lancet, The</i> , 2014, 384, 1346.	13.7	5
111	MicroPET Evaluation of a Hydroxamate-Based MMP Inhibitor, [18F]FB-ML5, in a Mouse Model of Cigarette Smoke-Induced Acute Airway Inflammation. <i>Molecular Imaging and Biology</i> , 2015, 17, 680-687.	2.6	5
112	Parametric Imaging of [11C]Flumazenil Binding in the Rat Brain. <i>Molecular Imaging and Biology</i> , 2018, 20, 114-123.	2.6	5
113	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
114	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
115	Amyloid burden quantification depends on PET and MR image processing methodology. <i>PLoS ONE</i> , 2021, 16, e0248122.	2.5	5
116	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
117	Feasibility of pharmacokinetic parametric PET images in scaled subprofile modelling using principal component analysis. <i>NeuroImage: Clinical</i> , 2021, 30, 102625.	2.7	4
118	Semi-Quantitative Characterization of Post-Transplant Lymphoproliferative Disorder Morphological Subtypes with [18F]FDG PET/CT. <i>Journal of Clinical Medicine</i> , 2021, 10, 361.	2.4	4
119	cerebral beta-adrenoceptors. <i>Nuclear Medicine and Biology</i> , 2014, 41, 203-209.	0.6	3
120	Effect of Dopamine D ₂ Receptor Antagonists on [¹⁸ F]-FEOBV Binding. <i>Molecular Pharmaceutics</i> , 2020, 17, 865-872.	4.6	3
121	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
122	Medical knowledge and clinical productivity: independently correlated metrics during radiology residency. <i>European Radiology</i> , 2021, 31, 5344-5350.	4.5	3
123	Pharmacokinetic Modeling of (<i>R</i>)-[¹¹ C]verapamil to Measure the P-Glycoprotein Function in Nonhuman Primates. <i>Molecular Pharmaceutics</i> , 2021, 18, 416-428.	4.6	3
124	Prognostic value of 11C-methionine volume-based PET parameters in IDH wild type glioblastoma. <i>PLoS ONE</i> , 2022, 17, e0264387.	2.5	3
125	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
126	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

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127	Deformable model-based PET segmentation for heterogeneous tumor volume delineation. , 2012, , .		2
128	PET Imaging of Adenosine A ₁ Receptor Occupancy. Journal of Nuclear Medicine, 2014, 55, 1918-1918.	5.0	2
129	Modeling of [18F]FEOBV Pharmacokinetics in Rat Brain. Molecular Imaging and Biology, 2020, 22, 931-939.	2.6	2
130	A Photocleavable Contrast Agent for Light-Responsive MRI. Pharmaceuticals, 2020, 13, 296.	3.8	2
131	Time to Reconsider Routine Percutaneous Biopsy in Spondylodiscitis?. American Journal of Neuroradiology, 2021, 42, 627-631.	2.4	2
132	Requests for radiologic imaging: Prevalence and determinants of inadequate quality according to RI-RADS. European Journal of Radiology, 2021, 137, 109615.	2.6	2
133	No evidence for decreased D2/3 receptor availability and frontal hypoperfusion in subjects with compulsive pornography use. Psychiatry Research - Neuroimaging, 2021, 311, 111284.	1.8	2
134	Ventricle contact may be associated with higher 11C methionine PET uptake in glioblastoma. Neuroradiology, 2022, 64, 247-252.	2.2	2
135	Radiologist-patient consultation of imaging findings after neck ultrasonography: An opportunity to practice value-based radiology. Clinical Imaging, 2022, 81, 87-91.	1.5	2
136	Clinical relevance of the radiation dose bath in lower grade glioma, a cross-sectional pilot study on neurocognitive and radiological outcome. Clinical and Translational Radiation Oncology, 2022, 33, 99-105.	1.7	2
137	A single dose of ketamine cannot prevent protracted stress-induced anhedonia and neuroinflammation in rats. Stress, 2022, 25, 145-155.	1.8	2
138	Cardiac Alterations on 3T MRI in Young Adults With Sedentary Lifestyle-Related Risk Factors. Frontiers in Cardiovascular Medicine, 2022, 9, 840790.	2.4	2
139	The effect of lesion filling on brain network analysis in multiple sclerosis using structural magnetic resonance imaging. Insights Into Imaging, 2022, 13, 63.	3.4	2
140	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. Molecular Pharmaceuticals, 2022, 19, 2992-3001.	4.6	2
141	Novel active contour model-based automated segmentation of PET images. , 2016, , .		1
142	Delayed effects of a single-dose whole-brain radiation therapy on glucose metabolism and myelin density: a longitudinal PET study. International Journal of Radiation Biology, 2020, 96, 1135-1143.	1.8	1
143	PET/CT Imaging and Physiology of Mice on High Protein Diet. International Journal of Molecular Sciences, 2021, 22, 3236.	4.1	1
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146	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
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