

# Ronald Boellaard

## List of Publications by Year in descending order

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Version: 2024-02-01

526  
papers

28,156  
citations

9428

76  
h-index

9605

147  
g-index

574  
all docs

574  
docs citations

574  
times ranked

25912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of <sup>89</sup> Zr-Pembrolizumab PET/CT in Patients With Advanced-Stage Non-Small Cell Lung Cancer. <i>Journal of Nuclear Medicine</i> , 2022, 63, 362-367.	2.8	44
2	Quantitative Radiomics Features in Diffuse Large B-Cell Lymphoma: Does Segmentation Method Matter?. <i>Journal of Nuclear Medicine</i> , 2022, 63, 389-395.	2.8	16
3	<sup>18</sup> F-FDG PET baseline radiomics features improve the prediction of treatment outcome in diffuse large B-cell lymphoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 932-942.	3.3	62
4	A Guide to ComBat Harmonization of Imaging Biomarkers in Multicenter Studies. <i>Journal of Nuclear Medicine</i> , 2022, 63, 172-179.	2.8	96
5	<sup>18</sup> F-FDG PET Improves Baseline Clinical Predictors of Response in Diffuse Large B-Cell Lymphoma: The HOVON-84 Study. <i>Journal of Nuclear Medicine</i> , 2022, 63, 1001-1007.	2.8	12
6	Early Response Prediction of Multiparametric Functional MRI and <sup>18</sup> F-FDG-PET in Patients with Head and Neck Squamous Cell Carcinoma Treated with (Chemo)Radiation. <i>Cancers</i> , 2022, 14, 216.	1.7	14
7	Differential associations between neocortical tau pathology and blood flow with cognitive deficits in early-onset vs late-onset Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1951-1963.	3.3	8
8	The Impact of Semiautomatic Segmentation Methods on Metabolic Tumor Volume, Intensity, and Dissemination Radiomics in <sup>18</sup> F-FDG PET Scans of Patients with Classical Hodgkin Lymphoma. <i>Journal of Nuclear Medicine</i> , 2022, 63, 1424-1430.	2.8	20
9	Validation and test-retest repeatability performance of parametric methods for [ <sup>11</sup> C]UCB-J PET. <i>EJNMMI Research</i> , 2022, 12, 3.	1.1	3
10	Influences on PET Quantification and Interpretation. <i>Diagnostics</i> , 2022, 12, 451.	1.3	9
11	Targeting PSMA Revolutionizes the Role of Nuclear Medicine in Diagnosis and Treatment of Prostate Cancer. <i>Cancers</i> , 2022, 14, 1169.	1.7	15
12	3D Convolutional Neural Network-Based Denoising of Low-Count Whole-Body <sup>18</sup> F-Fluorodeoxyglucose and <sup>89</sup> Zr-Rituximab PET Scans. <i>Diagnostics</i> , 2022, 12, 596.	1.3	1
13	Noise sensitivity of <sup>89</sup> Zr-Immuno-PET radiomics based on count-reduced clinical images. <i>EJNMMI Physics</i> , 2022, 9, 16.	1.3	3
14	Standardised uptake values as determined on prostate-specific membrane antigen positron emission tomography/computed tomography is associated with oncological outcomes in patients with prostate cancer. <i>BJU International</i> , 2022, 129, 768-776.	1.3	7
15	Proposed New Dynamic Prognostic Index for Diffuse Large B-Cell Lymphoma: International Metabolic Prognostic Index. <i>Journal of Clinical Oncology</i> , 2022, 40, 2352-2360.	0.8	53
16	First-time imaging of [ <sup>89</sup> 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.	3.3	11
17	Effects of Tracer Uptake Time in Non-Small Cell Lung Cancer <sup>18</sup> F-FDG PET Radiomics. <i>Journal of Nuclear Medicine</i> , 2022, 63, 919-924.	2.8	6
18	EANM procedure guidelines for brain PET imaging using [ <sup>18</sup> F]FDG, version 3. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 632-651.	3.3	82

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19	Prediction of Non-Response to Neoadjuvant Chemoradiotherapy in Esophageal Cancer Patients with 18F-FDG PET Radiomics Based Machine Learning Classification. <i>Diagnostics</i> , 2022, 12, 1070.	1.3	7
20	Glioma perfusion quantification with ASL and DSC: head-to-head comparison with 15O-H <sub>2</sub> O PET. <i>Nuklearmedizin - NuclearMedicine</i> , 2022, 61, .	0.3	0
21	Metabolic Tumor Volume for Outcome Prediction in Patients with Aggressive B-Cell Lymphoma Undergoing Chimeric Antigen Receptor T-Cell Therapy. <i>Nuklearmedizin - NuclearMedicine</i> , 2022, 61, .	0.3	0
22	Bloodâ€circulating EVâ€miRNAs, serum TARC, and quantitative FDGâ€PET features in classical Hodgkin lymphoma. <i>EJHaem</i> , 2022, 3, 908-912.	0.4	2
23	Quality control in PET/CT and PET/MRI: Results of a survey amongst European countries. <i>Physica Medica</i> , 2022, 99, 16-21.	0.4	5
24	Functional stress imaging to predict abnormal coronary fractional flow reserve: the PACIFIC 2 study. <i>European Heart Journal</i> , 2022, 43, 3118-3128.	1.0	26
25	Alzheimerâ€™s disease pattern derived from relative cerebral flow as an alternative for the metabolic pattern using SSM/PCA. <i>EJNMMI Research</i> , 2022, 12, .	1.1	4
26	Detection of prostate cancer with 18F-DCFPyL PET/CT compared to final histopathology of radical prostatectomy specimens: is PSMA-targeted biopsy feasible? The DeTeCT trial. <i>World Journal of Urology</i> , 2021, 39, 2439-2446.	1.2	26
27	Repeatability of parametric methods for [ <sup>18</sup> F]florbetapir imaging in Alzheimerâ€™s disease and healthy controls: A testâ€retest study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 569-578.	2.4	10
28	Simulating the effect of cerebral blood flow changes on regional quantification of [ <sup>18</sup> F]flutemetamol and [ <sup>18</sup> F]florbetaben studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 579-589.	2.4	12
29	Pelvic lymph-node staging with 18F-DCFPyL PET/CT prior to extended pelvic lymph-node dissection in primary prostate cancer - the SALT trial -. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 509-520.	3.3	60
30	Machine learning-based analysis of [18F]DCFPyL PET radiomics for risk stratification in primary prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 340-349.	3.3	84
31	Automated Segmentation of Baseline Metabolic Total Tumor Burden in Diffuse Large B-Cell Lymphoma: Which Method Is Most Successful? A Study on Behalf of the PETRA Consortium. <i>Journal of Nuclear Medicine</i> , 2021, 62, 332-337.	2.8	53
32	Adherence to pretreatment and intratreatment imaging of head and neck squamous cell carcinoma patients undergoing (chemo) radiotherapy in a research setting. <i>Clinical Imaging</i> , 2021, 69, 82-90.	0.8	10
33	The Role of <sup>89</sup> Zr-Immuno-PET in Navigating and Derisking the Development of Biopharmaceuticals. <i>Journal of Nuclear Medicine</i> , 2021, 62, 438-445.	2.8	39
34	Kinetics and 28-day testâ€retest repeatability and reproducibility of [ <sup>11</sup> C]UCB-J PET brain imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1338-1350.	2.4	14
35	Advanced analytics and artificial intelligence in gastrointestinal cancer: a systematic review of radiomics predicting response to treatment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1785-1794.	3.3	32
36	Clinically feasible semi-automatic workflows for measuring metabolically active tumour volume in metastatic melanoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1498-1510.	3.3	4

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37	Classification of negative and positive 18F-florbetapir brain PET studies in subjective cognitive decline patients using a convolutional neural network. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 721-728.	3.3	16
38	[18F]FDG Uptake in Adipose Tissue Is Not Related to Inflammation in Type 2 Diabetes Mellitus. <i>Molecular Imaging and Biology</i> , 2021, 23, 117-126.	1.3	8
39	Multiparametric functional MRI and 18F-FDG-PET for survival prediction in patients with head and neck squamous cell carcinoma treated with (chemo)radiation. <i>European Radiology</i> , 2021, 31, 616-628.	2.3	33
40	Effect of Shortening the Scan Duration on Quantitative Accuracy of [18F]Flortaucipir Studies. <i>Molecular Imaging and Biology</i> , 2021, 23, 604-613.	1.3	10
41	Feasibility of pharmacokinetic parametric PET images in scaled subprofile modelling using principal component analysis. <i>NeuroImage: Clinical</i> , 2021, 30, 102625.	1.4	4
42	SUVs Are Adequate Measures of Lesional <sup>18</sup> F-DCFPyL Uptake in Patients with Low Prostate Cancer Disease Burden. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1264-1269.	2.8	2
43	Arterial wall inflammation is increased in rheumatoid arthritis compared with osteoarthritis, as a marker of early atherosclerosis. <i>Rheumatology</i> , 2021, 60, 3360-3368.	0.9	18
44	Non-invasive Standardised Uptake Value for Verification of the Use of Previously Validated Reference Region for [18F]Flortaucipir and [18F]Florbetapir Brain PET Studies. <i>Molecular Imaging and Biology</i> , 2021, 23, 550-559.	1.3	2
45	Harmonisation of PET/CT contrast recovery performance for brain studies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2856-2870.	3.3	22
46	In vivo tau pathology is associated with synaptic loss and altered synaptic function. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 35.	3.0	47
47	Use of population input functions for reduced scan duration whole-body Patlak 18F-FDG PET imaging. <i>EJNMMI Physics</i> , 2021, 8, 11.	1.3	17
48	Plausibility and redundancy analysis to select FDG-PET textural features in non-small cell lung cancer. <i>Medical Physics</i> , 2021, 48, 1226-1238.	1.6	15
49	Amyloid burden quantification depends on PET and MR image processing methodology. <i>PLoS ONE</i> , 2021, 16, e0248122.	1.1	5
50	Interobserver Agreement on Automated Metabolic Tumor Volume Measurements of Deauville Score 4 and 5 Lesions at Interim <sup>18</sup> F-FDG PET in Diffuse Large B-Cell Lymphoma. <i>Journal of Nuclear Medicine</i> , 2021, 62, 1531-1536.	2.8	8
51	Dynamic PET image reconstruction utilizing intrinsic data-driven HYPR4D denoising kernel. <i>Medical Physics</i> , 2021, 48, 2230-2244.	1.6	15
52	Quantitative PET in the 2020s: a roadmap. <i>Physics in Medicine and Biology</i> , 2021, 66, 06RM01.	1.6	36
53	Arterial wall inflammation in rheumatoid arthritis is reduced by anti-inflammatory treatment. <i>Seminars in Arthritis and Rheumatism</i> , 2021, 51, 457-463.	1.6	9
54	Strategies to reduce sample sizes in Alzheimer's disease primary and secondary prevention trials using longitudinal amyloid PET imaging. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 82.	3.0	14

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55	Moving the goalposts while scoring—the dilemma posed by new PET technologies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2696-2710.	3.3	13
56	A dual-time-window protocol to reduce acquisition time of dynamic tau PET imaging using [18F]MK-6240. <i>EJNMMI Research</i> , 2021, 11, 49.	1.1	9
57	Spatial concordance of DNA methylation classification in diffuse glioma. <i>Neuro-Oncology</i> , 2021, 23, 2054-2065.	0.6	19
58	Optimal timing and criteria of interim PET in DLBCL: a comparative study of 1692 patients. <i>Blood Advances</i> , 2021, 5, 2375-2384.	2.5	40
59	Head-to-head comparison of (R)-[11C]verapamil and [18F]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.	3.3	6
60	Performance of nanoScan PET/CT and PET/MR for quantitative imaging of 18F and 89Zr as compared with ex vivo biodistribution in tumor-bearing mice. <i>EJNMMI Research</i> , 2021, 11, 57.	1.1	6
61	Evaluation of P-glycoprotein function at the blood-brain barrier using [18F]MC225-PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 4105-4106.	3.3	7
62	[ <sup>18</sup> F]Flortaucipir PET Across Various MAPT Mutations in Presymptomatic and Symptomatic Carriers. <i>Neurology</i> , 2021, 97, e1017-e1030.	1.5	16
63	The approval of a disease-modifying treatment for Alzheimer's disease: impact and consequences for the nuclear medicine community. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3033-3036.	3.3	6
64	Biodistribution of <sup>18</sup> F-FES in patients with metastatic ER+ breast cancer undergoing treatment with Rintodestrant (G1T48), a novel selective estrogen receptor degrader. <i>Journal of Nuclear Medicine</i> , 2021, , jnumed.121.262500.	2.8	2
65	Potential and pitfalls of 89Zr-immuno-PET to assess target status: 89Zr-trastuzumab as an example. <i>EJNMMI Research</i> , 2021, 11, 74.	1.1	6
66	Aberrant patterns of PET response during treatment for DLBCL patients with MYC gene rearrangements. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, , 1.	3.3	4
67	Incorporating radiomics into clinical trials: expert consensus endorsed by the European Society of Radiology on considerations for data-driven compared to biologically driven quantitative biomarkers. <i>European Radiology</i> , 2021, 31, 6001-6012.	2.3	53
68	Repeatability of IVIM biomarkers from diffusion-weighted MRI in head and neck: Bayesian probability versus neural network. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3394-3402.	1.9	19
69	Repeatability of two semi-automatic artificial intelligence approaches for tumor segmentation in PET. <i>EJNMMI Research</i> , 2021, 11, 4.	1.1	15
70	Pharmacokinetic Modeling of (R)-[ <sup>11</sup> C]verapamil to Measure the P-Glycoprotein Function in Nonhuman Primates. <i>Molecular Pharmaceutics</i> , 2021, 18, 416-428.	2.3	3
71	Diagnostic Performance of [18F]FDG PET in Staging Grade 1-2, Estrogen Receptor Positive Breast Cancer. <i>Diagnostics</i> , 2021, 11, 1954.	1.3	10
72	Reply: Automated Segmentation of TMTV in DLBCL Patients: What About Method Measurement Uncertainty?. <i>Journal of Nuclear Medicine</i> , 2021, 62, 432-432.	2.8	2

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73	A systematic review and quality of reporting checklist for repeatability and reproducibility of radiomic features. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 20, 69-75.	1.2	37
74	Bone Metastases Are Measurable: The Role of Whole-Body MRI and Positron Emission Tomography. <i>Frontiers in Oncology</i> , 2021, 11, 772530.	1.3	14
75	Longitudinal [ <sup>18</sup> F]flortaucipir PET: Comparison of quantitative and semi-quantitative parameters. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
76	Quantitative parametric maps of O-(2-[ <sup>18</sup> F]fluoroethyl)-L-tyrosine kinetics in diffuse glioma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 895-903.	2.4	8
77	Parametric methods for [ <sup>18</sup> F]flortaucipir PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 365-373.	2.4	22
78	Test-retest repeatability of [ <sup>18</sup> F]Flortaucipir PET in Alzheimer's disease and cognitively normal individuals. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 2464-2474.	2.4	23
79	Improved detection of diffuse glioma infiltration with imaging combinations: a diagnostic accuracy study. <i>Neuro-Oncology</i> , 2020, 22, 412-422.	0.6	59
80	Image Quality and Activity Optimization in Oncologic <sup>18</sup> F-FDG PET Using the Digital Biograph Vision PET/CT System. <i>Journal of Nuclear Medicine</i> , 2020, 61, 764-771.	2.8	41
81	Experimental Multicenter and Multivendor Evaluation of the Performance of PET Radiomic Features Using 3-Dimensionally Printed Phantom Inserts. <i>Journal of Nuclear Medicine</i> , 2020, 61, 469-476.	2.8	54
82	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.	2.8	56
83	Lesion Detection and Interobserver Agreement with Advanced Image Reconstruction for <sup>18</sup> F-DCFPyL PET/CT in Patients with Biochemically Recurrent Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2020, 61, 210-216.	2.8	10
84	[ <sup>89</sup> Zr]Zr-cetuximab PET/CT as biomarker for cetuximab monotherapy in patients with RAS wild-type advanced colorectal cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 849-859.	3.3	22
85	Letter to the Editor re: Semiquantitative Parameters in PSMA-Targeted PET Imaging with [ <sup>18</sup> F]DCFPyL: Impact of Tumor Burden on Normal Organ Uptake. <i>Molecular Imaging and Biology</i> , 2020, 22, 15-17.	1.3	7
86	Repeatability of Quantitative <sup>18</sup> F-DCFPyL PET/CT Measurements in Metastatic Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1320-1325.	2.8	22
87	Supporting data for positron emission tomography-based risk modelling using a fixed-instead of a relative thresholding method for total metabolic tumor volume determination. <i>Data in Brief</i> , 2020, 28, 104976.	0.5	1
88	The QIBA Profile for FDG PET/CT as an Imaging Biomarker Measuring Response to Cancer Therapy. <i>Radiology</i> , 2020, 294, 647-657.	3.6	49
89	Hippocampal [ <sup>18</sup> F]flortaucipir BPND corrected for possible spill-in of the choroid plexus retains strong clinico-pathological relationships. <i>NeuroImage: Clinical</i> , 2020, 25, 102113.	1.4	5
90	Why Is Amyloid- $\beta$ PET Requested After Performing CSF Biomarkers?. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 559-569.	1.2	8

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91	Dynamic risk assessment based on positron emission tomography scanning in diffuse large B-cell lymphoma: Post-hoc analysis from the PETAL trial. <i>European Journal of Cancer</i> , 2020, 124, 25-36.	1.3	67
92	Should vascular wall 18F-FDG uptake be adjusted for the extent of atherosclerotic burden?. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 545-551.	0.7	2
93	The Additional Value of Ultrafast DCE-MRI to DWI-MRI and 18F-FDG-PET to Detect Occult Primary Head and Neck Squamous Cell Carcinoma. <i>Cancers</i> , 2020, 12, 2826.	1.7	10
94	Multitracer model for staging cortical amyloid deposition using PET imaging. <i>Neurology</i> , 2020, 95, e1538-e1553.	1.5	55
95	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.	2.3	14
96	In vivo tracking of single cells with PET. <i>Nature Biomedical Engineering</i> , 2020, 4, 765-766.	11.6	6
97	COVID-19 and the brain: impact on nuclear medicine in neurology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2487-2492.	3.3	18
98	Tau PET and relative cerebral blood flow in dementia with Lewy bodies: A PET study. <i>NeuroImage: Clinical</i> , 2020, 28, 102504.	1.4	14
99	Early-onset Alzheimer's disease is related to differential spatial patterns of tau pathology and cognitive impairment. <i>Alzheimer's and Dementia</i> , 2020, 16, e042041.	0.4	0
100	Quantitative accuracy remains after shortening of dynamic [18F]flortaucipir PET protocol. <i>Alzheimer's and Dementia</i> , 2020, 16, e045710.	0.4	0
101	Regional tau pathology is associated with loss of synapses and reduced synaptic activity: A combined [18F]flortaucipir, [11C]UCB and magnetoencephalography study. <i>Alzheimer's and Dementia</i> , 2020, 16, e045806.	0.4	0
102	Regional distribution of tau pathology in cognitively unimpaired, genetically identical twins. <i>Alzheimer's and Dementia</i> , 2020, 16, e045876.	0.4	0
103	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.	3.3	134
104	Tau pathology and relative cerebral blood flow are independently associated with cognition in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 3165-3175.	3.3	28
105	Outcome prediction of head and neck squamous cell carcinoma by MRI radiomic signatures. <i>European Radiology</i> , 2020, 30, 6311-6321.	2.3	49
106	The Image Biomarker Standardization Initiative: Standardized Quantitative Radiomics for High-Throughput Image-based Phenotyping. <i>Radiology</i> , 2020, 295, 328-338.	3.6	1,869
107	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1576-1585.	2.4	47
108	Quantification of PD-L1 Expression with <sup>18</sup> F-BMS-986192 PET/CT in Patients with Advanced-Stage Non-Small Cell Lung Cancer. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1455-1460.	2.8	54

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109	Optimizing Workflows for Fast and Reliable Metabolic Tumor Volume Measurements in Diffuse Large B Cell Lymphoma. <i>Molecular Imaging and Biology</i> , 2020, 22, 1102-1110.	1.3	32
110	Quantitative Assessment of Arthritis Activity in Rheumatoid Arthritis Patients Using [11C]DPA-713 Positron Emission Tomography. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3137.	1.8	4
111	PET segmentation of bulky tumors: Strategies and workflows to improve inter-observer variability. <i>PLoS ONE</i> , 2020, 15, e0230901.	1.1	17
112	Regional [18F]flortaucipir PET is more closely associated with disease severity than CSF p-tau in Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2866-2878.	3.3	29
113	Comparison Between the Performance of Quantitative Flow Ratio and Perfusion Imaging for Diagnosing Myocardial Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1976-1985.	2.3	13
114	Baseline and interim PET-based outcome prediction in peripheral T-cell lymphoma: A subgroup analysis of the PETAL trial. <i>Hematological Oncology</i> , 2020, 38, 244-256.	0.8	18
115	Repeatability of arterial input functions and kinetic parameters in muscle obtained by dynamic contrast enhanced MR imaging of the head and neck. <i>Magnetic Resonance Imaging</i> , 2020, 68, 1-8.	1.0	19
116	18f-FDG PET/CT Baseline Radiomics Features Improve the Prediction of Treatment Outcome in Diffuse Large B-Cell Lymphoma Patients. <i>Blood</i> , 2020, 136, 27-28.	0.6	1
117	Predictive value of quantitative 18F-FDG-PET radiomics analysis in patients with head and neck squamous cell carcinoma. <i>EJNMMI Research</i> , 2020, 10, 102.	1.1	29
118	Optimization of injected 68Ga-PSMA activity based on list-mode phantom data and clinical validation. <i>EJNMMI Physics</i> , 2020, 7, 20.	1.3	5
119	Ischaemic burden and changes in absolute myocardial perfusion after chronic total occlusion percutaneous coronary intervention. <i>EuroIntervention</i> , 2020, 16, e462-e471.	1.4	18
120	Performance Evaluation of a Semi-automated Method for [18F]FDG Uptake in Abdominal Visceral Adipose Tissue. <i>Molecular Imaging and Biology</i> , 2019, 21, 159-167.	1.3	3
121	Quantification of [ <sup>18</sup> F]florbetapir: A test-retest tracer kinetic modelling study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2172-2180.	2.4	22
122	Radiomics in Vulvar Cancer: First Clinical Experience Using <sup>18</sup> F-FDG PET/CT Images. <i>Journal of Nuclear Medicine</i> , 2019, 60, 199-206.	2.8	22
123	PET/CT and PET/MR Tomographs: Image Acquisition and Processing. , 2019, , 199-217.		1
124	Direct comparison of [11C] choline and [18F] FET PET to detect glioma infiltration: a diagnostic accuracy study in eight patients. <i>EJNMMI Research</i> , 2019, 9, 57.	1.1	8
125	Diagnostic performance of regional cerebral blood flow images derived from dynamic PIB scans in Alzheimer's disease. <i>EJNMMI Research</i> , 2019, 9, 59.	1.1	19
126	Factors affecting the harmonization of disease-related metabolic brain pattern expression quantification in [ <sup>18</sup> F]FDG-PET (PETMETPAT). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 472-482.	1.2	13



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127	Associations between quantitative [18F]flortaucipir tau PET and atrophy across the Alzheimer's disease spectrum. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 60.	3.0	40
128	Visceral adipose tissue volume is associated with premature atherosclerosis in early type 2 diabetes mellitus independent of traditional risk factors. <i>Atherosclerosis</i> , 2019, 290, 87-93.	0.4	20
129	Impact of Specific Crossing Techniques in Chronic Total Occlusion Percutaneous Coronary Intervention on Recovery of Absolute Myocardial Perfusion. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008064.	1.4	11
130	Exploring effects of Souvenaid on cerebral glucose metabolism in Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 492-500.	1.8	5
131	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.	1.1	26
132	Partial-volume correction in dynamic PET-CT: effect on tumor kinetic parameter estimation and validation of simplified metrics. <i>EJNMMI Research</i> , 2019, 9, 12.	1.1	12
133	Sensitivity of 18F-fluorodihydrotestosterone PET-CT to count statistics and reconstruction protocol in metastatic castration-resistant prostate cancer. <i>EJNMMI Research</i> , 2019, 9, 70.	1.1	10
134	Optimization of parathyroid 11C-choline PET protocol for localization of parathyroid adenomas in patients with primary hyperparathyroidism. <i>EJNMMI Research</i> , 2019, 9, 73.	1.1	15
135	Validated imaging biomarkers as decision-making tools in clinical trials and routine practice: current status and recommendations from the EIBALL* subcommittee of the European Society of Radiology (ESR). <i>Insights Into Imaging</i> , 2019, 10, 87.	1.6	61
136	Metabolic Biomarker-Based BRAFV600 Mutation Association and Prediction in Melanoma. <i>Journal of Nuclear Medicine</i> , 2019, 60, 1545-1552.	2.8	19
137	Discordant amyloid- $\beta$ PET and CSF biomarkers and its clinical consequences. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 78.	3.0	40
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