Albert D Windhorst

List of Publications by Year
in descending order

263	9,397	50566 48	62345 84
papers	citations	h-index	g-index

280	280	280	12750
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differential associations between neocortical tau pathology and blood flow with cognitive deficits in early-onset vs late-onset Alzheimerâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1951-1963.	3.3	8
2	Genetically identical twins show comparable tau PET load and spatial distribution. Brain, 2022, 145, 3571-3581.	3.7	12
3	Folate Receptor Beta for Macrophage Imaging in Rheumatoid Arthritis. Frontiers in Immunology, 2022, 13, 819163.	2.2	8
4	The Development of Positron Emission Tomography Tracers for In Vivo Targeting the Kinase Domain of the Epidermal Growth Factor Receptor. Pharmaceuticals, 2022, 15, 450.	1.7	6
5	Pretargeted PET Imaging with a TCO-Conjugated Anti-CD44v6 Chimeric mAb U36 and [⁸⁹Zr]Zr-DFO-PEG₅-Tz. Bioconjugate Chemistry, 2022, 33, 956-968.	1.8	2
6	Novel application of [18F]DPA714 for visualizing the pulmonary inflammation process of SARS-CoV-2-infection in rhesus monkeys (Macaca mulatta). Nuclear Medicine and Biology, 2022, 112-113, 1-8.	0.3	3
7	Phase I Trial of ¹³¹I-GMIB-Anti-HER2-VHH1, a New Promising Candidate for HER2-Targeted Radionuclide Therapy in Breast Cancer Patients. Journal of Nuclear Medicine, 2021, 62, 1097-1105.	2.8	67
8	Repeatability of parametric methods for [¹⁸F]florbetapir imaging in Alzheimerâ€™s disease and healthy controls: A testâ€“retest study. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 569-578.	2.4	10
9	The Oral Bioavailability and Metabolism of Midazolam in Stable Critically Ill Children: A Pharmacokinetic Microtracing Study. Clinical Pharmacology and Therapeutics, 2021, 109, 140-149.	2.3	14
10	Preclinical Comparison of the Bloodâ€“brain barrier Permeability of Osimertinib with Other EGFR TKIs. Clinical Cancer Research, 2021, 27, 189-201.	3.2	106
11	The Role of ⁸⁹Zr-Immuno-PET in Navigating and Derisking the Development of Biopharmaceuticals. Journal of Nuclear Medicine, 2021, 62, 438-445.	2.8	39
12	Grey zone amyloid burden affects memory function: the SCIENCe project. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 747-756.	3.3	5
13	Head-to-head comparison of DFO* and DFO chelators: selection of the best candidate for clinical 89Zr-immuno-PET. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 694-707.	3.3	43
14	Synchronizing chemistry, quantum mechanics and radioactivity in a revolutionary renewed atom model. Part 1: the elements where Z is 1â€“10 (H, He, Li, Be, B, C, N, O, F, Ne). RSC Advances, 2021, 11, 27978-27991.	1.7	0
15	Fluorine-18 labelled Ruppertâ€“Prakash reagent ([¹⁸F]Me₃SiCF₃) for the synthesis of ¹⁸F-trifluoromethylated compounds. Chemical Communications, 2021, 57, 5286-5289.	2.2	8
16	Non-invasive Standardised Uptake Value for Verification of the Use of Previously Validated Reference Region for [18F]Flortaucipir and [18F]Florbetapir Brain PET Studies. Molecular Imaging and Biology, 2021, 23, 550-559.	1.3	2
17	In vivo tau pathology is associated with synaptic loss and altered synaptic function. Alzheimer's Research and Therapy, 2021, 13, 35.	3.0	47
18	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. EJNMMI Research, 2021, 11, 57.	1.1	6

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19	[¹⁸ F]Flortaucipir PET Across Various MAPT Mutations in Presymptomatic and Symptomatic Carriers. Neurology, 2021, 97, e1017-e1030.	1.5	16
20	Evaluation of carbon-11 labeled 5-(1-methyl-1H-pyrazol-4-yl)-N-(2-methyl-5-(3-(trifluoromethyl)benzamido)phenyl)nicotinamide as PET tracer for imaging of CSF-1R expression in the brain. Bioorganic and Medicinal Chemistry, 2021, 42, 116245.	1.4	8
21	Towards PET imaging of the dynamic phenotypes of microglia. Clinical and Experimental Immunology, 2021, 206, 282-300.	1.1	28
22	The role of neuroimaging in Parkinsonâ€™s disease. Journal of Neurochemistry, 2021, 159, 660-689.	2.1	35
23	BLZ945 derivatives for PET imaging of colony stimulating factor-1 receptors in the brain. Nuclear Medicine and Biology, 2021, 100-101, 44-51.	0.3	10
24	Evaluating N â€difluoromethyltriazolium triflate as a precursor for the synthesis of high molar activity [18 F]fluoroform. Journal of Labelled Compounds and Radiopharmaceuticals, 2021, 64, 466-476.	0.5	5
25	Comparison of analytical methods for antibody conjugates with application in nuclear imaging â€“ Report from the trenches. Nuclear Medicine and Biology, 2021, 102-103, 24-33.	0.3	1
26	State of the art of radiochemistry for 11C and 18F PET tracers. , 2021, , .		0
27	PET Imaging of Purinergic Receptors. , 2021, , 879-889.		1
28	Synthesis and evaluation of [18F]cinacalcet for the imaging of parathyroid hyperplasia. Nuclear Medicine and Biology, 2021, 102-103, 97-105.	0.3	2
29	Neuroinflammation: From Target Selection to Preclinical and Clinical Studies. , 2021, , 567-592.		1
30	Novel Thienopyrimidine-Based PET Tracers for P2Y₁₂ Receptor Imaging in the Brain. ACS Chemical Neuroscience, 2021, 12, 4465-4474.	1.7	15
31	Overview and Future Perspectives on Tumor-Targeted Positron Emission Tomography and Fluorescence Imaging of Pancreatic Cancer in the Era of Neoadjuvant Therapy. Cancers, 2021, 13, 6088.	1.7	8
32	Genetically identical twins are highly similar in levels and spatial distribution of tau pathology: A [¹⁸ F]flortaucipir PET study. Alzheimer's and Dementia, 2021, 17, .	0.4	0
33	Parametric methods for [¹⁸F]flortaucipir PET. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 365-373.	2.4	22
34	The P2X7 receptor tracer [11C]SMW139 as an in vivo marker of neuroinflammation in multiple sclerosis: a first-in man study. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 379-389.	3.3	44
35	Hippocampal [18F]flortaucipir BPND corrected for possible spill-in of the choroid plexus retains strong clinico-pathological relationships. NeuroImage: Clinical, 2020, 25, 102113.	1.4	5
36	Why Is Amyloid-Î² PET Requested After Performing CSF Biomarkers?. Journal of Alzheimer's Disease, 2020, 73, 559-569.	1.2	8

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37	Design, Synthesis, Conjugation, and Reactivity of Novel trans,trans-1,5-Cyclooctadiene-Derived Bioorthogonal Linkers. Bioconjugate Chemistry, 2020, 31, 2201-2210.	1.8	6
38	PET imaging of P2X7R in the experimental autoimmune encephalomyelitis model of multiple sclerosis using [11C]SMW139. Journal of Neuroinflammation, 2020, 17, 300.	3.1	15
39	Tau PET and relative cerebral blood flow in dementia with Lewy bodies: A PET study. NeuroImage: Clinical, 2020, 28, 102504.	1.4	14
40	Tau pathology, relative cerebral flow and cognition in dementia with Lewy bodies. Alzheimer's and Dementia, 2020, 16, e041048.	0.4	2
41	Earlyâ€onset Alzheimerâ€™s disease is related to differential spatial patterns of tau pathology and cognitive impairment. Alzheimer's and Dementia, 2020, 16, e042041.	0.4	0
42	Regional tau pathology is associated with loss of synapses and reduced synaptic activity: A combined [18 F]flortaucipir, [11 C]UCBâ€‰and magnetoencephalography study. Alzheimer's and Dementia, 2020, 16, e045806.	0.4	0
43	Regional distribution of tau pathology in cognitively unimpaired, genetically identical twins. Alzheimer's and Dementia, 2020, 16, e045876.	0.4	0
44	Tau pathology and relative cerebral blood flow are independently associated with cognition in Alzheimerâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 3165-3175.	3.3	28
45	Design, Synthesis, Radiosynthesis and Biological Evaluation of Fenretinide Analogues as Anticancer and Metabolic Syndromeâ€Preventive Agents. ChemMedChem, 2020, 15, 1579-1590.	1.6	2
46	Quantification of PD-L1 Expression with ¹⁸F-BMS-986192 PET/CT in Patients with Advanced-Stage Nonâ€“Small Cell Lung Cancer. Journal of Nuclear Medicine, 2020, 61, 1455-1460.	2.8	54
47	First in man study of [18F]fluoro-PEG-folate PET: a novel macrophage imaging technique to visualize rheumatoid arthritis. Scientific Reports, 2020, 10, 1047.	1.6	43
48	Synthesis of [¹⁸F]Fluoroform with High Molar Activity. European Journal of Organic Chemistry, 2020, 2020, 1177-1185.	1.2	17
49	Preclinical Targeted Î±- and Î²â^'-Radionuclide Therapy in HER2-Positive Brain Metastasis Using Camelid Single-Domain Antibodies. Cancers, 2020, 12, 1017.	1.7	43
50	Regional [18F]flortaucipir PET is more closely associated with disease severity than CSF p-tau in Alzheimerâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2866-2878.	3.3	29
51	Quantification of [¹⁸F]florbetapir: A testâ€“retest tracer kinetic modelling study. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2172-2180.	2.4	22
52	In vivo imaging of TGFÎ² signalling components using positron emission tomography. Drug Discovery Today, 2019, 24, 2258-2272.	3.2	6
53	Open letter to journal editors on: International Consensus Radiochemistry Nomenclature Guidelines. EJNMMI Radiopharmacy and Chemistry, 2019, 4, 7.	1.8	9
54	Discordant amyloid-Î² PET and CSF biomarkers and its clinical consequences. Alzheimer's Research and Therapy, 2019, 11, 78.	3.0	40

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55	Imaging disease activity of rheumatoid arthritis by macrophage targeting using second generation translocator protein positron emission tomography tracers. PLoS ONE, 2019, 14, e0222844.	1.1	17
56	Open letter to journal editors on: International Consensus Radiochemistry Nomenclature Guidelines. Clinical and Translational Imaging, 2019, 7, 61-63.	1.1	3
57	A new perspective for advanced positron emission tomographyâ€“based molecular imaging in neurodegenerative proteinopathies. Alzheimer's and Dementia, 2019, 15, 1081-1103.	0.4	16
58	Application of advanced brain positron emission tomographyâ€“based molecular imaging for a biological framework in neurodegenerative proteinopathies. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 327-332.	1.2	9
59	Status of the â€˜consensus nomenclature rules in radiopharmaceutical sciencesâ€™ initiative. Nuclear Medicine and Biology, 2019, 71, 19-22.	0.3	7
60	Simplified Methods for Quantification of ¹⁸F-DCFPyL Uptake in Patients with Prostate Cancer. Journal of Nuclear Medicine, 2019, 60, 1730-1735.	2.8	32
61	Binding characterization of N â€(2â€chloroâ€5â€thiomethylphenyl)â€•N â€²â€(3â€[3 H] 3 methoxy phenyl)â€•N â€²â€•methylguanidine ([3 H] GMOM), a nonâ€competitive N â€•methylâ€Dâ€aspartate (NMDA) receptor antagonist. Pharmacology Research and Perspectives, 2019, 7, e00458.	1.1	3
62	Assessment of Simplified Methods for Quantification of 18F-FDHT Uptake in Patients with Metastatic Castration-Resistant Prostate Cancer. Journal of Nuclear Medicine, 2019, 60, 1221-1227.	2.8	10
63	Amyloid PET and cognitive decline in cognitively normal individuals: the SCIENCe project. Neurobiology of Aging, 2019, 79, 50-58.	1.5	41
64	PET and CSF amyloid-Î² status are differently predicted by patient features: information from discordant cases. Alzheimer's Research and Therapy, 2019, 11, 100.	3.0	21
65	Fully Automated ⁸⁹Zr Labeling and Purification of Antibodies. Journal of Nuclear Medicine, 2019, 60, 691-695.	2.8	19
66	Evaluation of the Novel PET Tracer [11C]HACH242 for Imaging the GluN2B NMDA Receptor in Non-Human Primates. Molecular Imaging and Biology, 2019, 21, 676-685.	1.3	8
67	From Carbon-11-Labeled Amino Acids to Peptides in Positron Emission Tomography: the Synthesis and Clinical Application. Molecular Imaging and Biology, 2018, 20, 510-532.	1.3	22
68	Open letter to journal editors on. Nuclear Medicine Communications, 2018, 39, 193-195.	0.5	0
69	Open letter to journal editors on: international consensus radiochemistry nomenclature guidelines. Journal of Radioanalytical and Nuclear Chemistry, 2018, 315, 443-445.	0.7	0
70	Open letter to journal editors on: International consensus radiochemistry nomenclature guidelines. Journal of Labelled Compounds and Radiopharmaceuticals, 2018, 61, 402-404.	0.5	5
71	Identification of the allosteric P2X7 receptor antagonist [11C]SMW139 as a PET tracer of microglial activation. Scientific Reports, 2018, 8, 6580.	1.6	54
72	Open letter to journal editors on: International Consensus Radiochemistry Nomenclature Guidelines. Annals of Nuclear Medicine, 2018, 32, 236-238.	1.2	23

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73	International Consensus Radiochemistry Nomenclature Guidelines. Radiochimica Acta, 2018, 106, 623-625.	0.5	1
74	ICâ€Pâ€222: [18F]AV1451 PET IN RELATION TO ATROPHY ACROSS THE ALZHEIMER'S DISEASE SPECTRUM. Alzheimer's and Dementia, 2018, 14, P180.	0.4	0
75	P3â€438: PARAMETRIC IMAGING OF [¹⁸F]FLORBETAPIR: A TESTâ€RETEST STUDY IN HEALTHY SUBJECTS AND PATIENTS WITH ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1281.	0.4	0
76	P2â€360: [¹⁸F]AV1451 PET IN RELATION TO ATROPHY ACROSS THE ALZHEIMER'S DISEASE SPECTRUM. Alzheimer's and Dementia, 2018, 14, P827.	0.4	0
77	First in human evaluation of [18F]PK-209, a PET ligand for the ion channel binding site of NMDA receptors. EJNMMI Research, 2018, 8, 69.	1.1	9
78	Quantification of O-(2-[18F]fluoroethyl)-L-tyrosine kinetics in glioma. EJNMMI Research, 2018, 8, 72.	1.1	14
79	Synthesis and preliminary preclinical evaluation of fluorine-18 labelled isatin-4-(4-methoxyphenyl)-3-thiosemicarbazone ([18F]4FIMPTC) as a novel PET tracer of P-glycoprotein expression. EJNMMI Radiopharmacy and Chemistry, 2018, 3, 11.	1.8	4
80	In vivo evaluation of two tissue transglutaminase PET tracers in an orthotopic tumour xenograft model. EJNMMI Research, 2018, 8, 39.	1.1	5
81	A novel partial volume correction method for accurate quantification of [18F] flortaucipir in the hippocampus. EJNMMI Research, 2018, 8, 79.	1.1	19
82	In vivo assessment of neuroinflammation in progressive multiple sclerosis: a proof of concept study with [18F]DPA714 PET. Journal of Neuroinflammation, 2018, 15, 314.	3.1	64
83	Whole body PD-1 and PD-L1 positron emission tomography in patients with non-small-cell lung cancer. Nature Communications, 2018, 9, 4664.	5.8	331
84	Identification of new molecular targets for PET imaging of the microglial anti-inflammatory activation state. Theranostics, 2018, 8, 5400-5418.	4.6	48
85	Synthesis and Preclinical Evaluation of the First Carbon-11 Labeled PET Tracers Targeting Substance P_{1â€“7}. Molecular Pharmaceutics, 2018, 15, 4872-4883.	2.3	1
86	Imaging and Methotrexate Response Monitoring of Systemic Inflammation in Arthritic Rats Employing the Macrophage PET Tracer [¹⁸F]Fluoro-PEG-Folate. Contrast Media and Molecular Imaging, 2018, 2018, 1-10.	0.4	17
87	PET Imaging of Microglial Activationâ€”Beyond Targeting TSPO. Molecules, 2018, 23, 607.	1.7	85
88	Improving metabolic stability of fluorine-18 labeled verapamil analogs. Nuclear Medicine and Biology, 2018, 64-65, 47-56.	0.3	7
89	Fast and reliable generation of [¹⁸F]triflyl fluoride, a gaseous [¹⁸F]fluoride source. Chemical Communications, 2018, 54, 10179-10182.	2.2	23
90	Prophylactic and therapeutic activity of alkaline phosphatase in arthritic rats: single-agent effects of alkaline phosphatase and synergistic effects in combination with methotrexate. Translational Research, 2018, 199, 24-38.	2.2	13

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91	Letter to the Editor: International Consensus Radiochemistry Nomenclature Guidelines. Current Radiopharmaceuticals, 2018, 11, 73-75.	0.3	0
92	Open letter to journal editors on: international consensus radiochemistry nomenclature guidelines. American Journal of Nuclear Medicine and Molecular Imaging, 2018, 8, 70-72.	1.0	1
93	Strategies towards in vivo imaging of active transglutaminase type 2 using positron emission tomography. Amino Acids, 2017, 49, 585-595.	1.2	11
94	Evaluation of [¹⁸F]MC225 as a PET radiotracer for measuring P-glycoprotein function at the bloodâ€"brain barrier in rats: Kinetics, metabolism, and selectivity. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1286-1298.	2.4	29
95	Pretargeted PET Imaging of trans-Cyclooctene-Modified Porous Silicon Nanoparticles. ACS Omega, 2017, 2, 62-69.	1.6	50
96	Successful Use of [14C]Paracetamol Microdosing to Elucidate Developmental Changes in Drug Metabolism. Clinical Pharmacokinetics, 2017, 56, 1185-1195.	1.6	19
97	Quantification of Tau Load Using [18F]AV1451 PET. Molecular Imaging and Biology, 2017, 19, 963-971.	1.3	42
98	Fluorine-18 labelled building blocks for PET tracer synthesis. Chemical Society Reviews, 2017, 46, 4709-4773.	18.7	150
99	Stereoselective ¹¹C Labeling of a â€œNativeâ€•Tetrapeptide by Using Asymmetric Phaseâ€Transfer Catalyzed Alkylation Reactions. European Journal of Organic Chemistry, 2017, 2017, 1019-1024.	1.2	11
100	A rapid and highly enantioselective Câ€"¹¹C bond formation of <scp>l</scp>-[¹¹C]phenylalanine via chiral phase-transfer catalysis. Organic and Biomolecular Chemistry, 2017, 15, 570-575.	1.5	13
101	Consensus nomenclature rules for radiopharmaceutical chemistry â€" Setting the record straight. Nuclear Medicine and Biology, 2017, 55, v-xi.	0.3	162
102	Pharmacological Evaluation of Novel Bioisosteres of an Adamantanyl Benzamide P2X₇ Receptor Antagonist. ACS Chemical Neuroscience, 2017, 8, 2374-2380.	1.7	30
103	Synthesis, radiolabeling and preclinical evaluation of a [11 C]GMOM derivative as PET radiotracer for the ion channel of the N-methyl-D-aspartate receptor. Nuclear Medicine and Biology, 2017, 51, 25-32.	0.3	9
104	Radiosynthesis of 1â€iodoâ€2â€{¹¹C]methylpropane and 2â€methylâ€1â€{¹¹C]propanol and its application for alkylation reactions and Câ€•C bond formation. Journal of Labelled Compounds and Radiopharmaceuticals, 2017, 60, 566-576.	0.5	2
105	Efficient Synthesis of ¹¹Câ€Acrylesters, ¹¹Câ€Acrylamides and Their Application in Michael Addition Reactions for PET Tracer Development. European Journal of Organic Chemistry, 2017, 2017, 5154-5162.	1.2	8
106	Stereocontrolled [¹¹C]Alkylation of Nâ€Terminal Glycine Schiff Bases To Obtain Dipeptides. European Journal of Organic Chemistry, 2017, 2017, 5592-5596.	1.2	9
107	Human Dosimetry of the N-Methyl-d-Aspartate Receptor Ligand ¹¹C-GMOM. Journal of Nuclear Medicine, 2017, 58, 1330-1333.	2.8	2
108	In-vivo monitoring of anti-folate therapy in arthritic rats using [18F]fluoro-PEG-folate and positron emission tomography. Arthritis Research and Therapy, 2017, 19, 114.	1.6	17

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109	Synthesis and Evaluation of New Fluorine-18 Labeled Verapamil Analogs To Investigate the Function of P-Glycoprotein in the Bloodâ€“Brain Barrier. ACS Chemical Neuroscience, 2017, 8, 1925-1936.	1.7	8
110	Development of fluorine-18 labeled peptidic PET tracers for imaging active tissue transglutaminase. Nuclear Medicine and Biology, 2017, 44, 90-104.	0.3	8
111	Parametric Methods for Dynamic 11C-Phenytoin PET Studies. Journal of Nuclear Medicine, 2017, 58, 479-483.	2.8	2
112	[P4â€“235]: PARAMETRIC IMAGING OF TAU LOAD IN ALZHEIMER's PATIENTS AND CONTROLS USING FLORTAUCIPIR. Alzheimer's and Dementia, 2017, 13, P1364.	0.4	0
113	[ICâ€Pâ€206]: PARAMETRIC IMAGING OF TAU LOAD IN ALZHEIMER's PATIENTS AND CONTROLS USING FLORTAUCIPIR. Alzheimer's and Dementia, 2017, 13, P150.	0.4	0
114	Novel molecular imaging ligands targeting matrix metalloproteinases 2 and 9 for imaging of unstable atherosclerotic plaques. PLoS ONE, 2017, 12, e0187767.	1.1	22
115	Purinergic receptors P2Y12R and P2X7R: potential targets for PET imaging of microglia phenotypes in multiple sclerosis. Journal of Neuroinflammation, 2017, 14, 259.	3.1	91
116	Model selection criteria for dynamic brain PET studies. EJNMMI Physics, 2017, 4, 30.	1.3	18
117	Comparison of In Vitro Assays in Selecting Radiotracers for In Vivo P-Glycoprotein PET Imaging. Pharmaceuticals, 2017, 10, 76.	1.7	4
118	Development of [11C]vemurafenib employing a carbon-11 carbonylative Stille coupling and preliminary evaluation in mice bearing melanoma tumor xenografts. Oncotarget, 2017, 8, 38337-38350.	0.8	7
119	Pharmacokinetic modeling of a novel hypoxia PET tracer [18F]HX4 in patients with non-small cell lung cancer. EJNMMI Physics, 2016, 3, 30.	1.3	13
120	Multiparametric Analysis of the Relationship Between Tumor Hypoxia and Perfusion with ¹⁸F-Fluoroazomycin Arabinoside and ¹⁵O-H₂O PET. Journal of Nuclear Medicine, 2016, 57, 530-535.	2.8	13
121	ICâ€Pâ€196: Quantification of TAU Load Using [¹⁸F]AVâ€1451 and PET. Alzheimer's and Dementia, 2016, 12, P141.	0.4	0
122	P4â€215: Quantification of Tau Load Using [¹⁸F]AVâ€1451 and Pet. Alzheimer's and Dementia, 2016, 12, P1109.	0.4	0
123	Bis-pyridylethenyl benzene as novel backbone for amyloid-Î² binding compounds. Bioorganic and Medicinal Chemistry, 2016, 24, 6139-6148.	1.4	5
124	Two anti-angiogenic TKI-PET tracers, [11 C]axitinib and [11 C]nintedanib: Radiosynthesis, in vivo metabolism and initial biodistribution studies in rodents. Nuclear Medicine and Biology, 2016, 43, 612-624.	0.3	11
125	P-glycoprotein Function in the Rodent Brain Displays a Daily Rhythm, a Quantitative In Vivo PET Study. AAPS Journal, 2016, 18, 1524-1531.	2.2	21
126	Enantioselective synthesis of carbon-11 labeled l-alanine using phase transfer catalysis of Schiff bases. Tetrahedron, 2016, 72, 6551-6557.	1.0	13

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127	Guidelines to PET measurements of the target occupancy in the brain for drug development. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2255-2262.	3.3	28
128	Parametric Binding Images of the TSPO Ligand ¹⁸F-DPA-714. Journal of Nuclear Medicine, 2016, 57, 1543-1547.	2.8	23
129	Synthesis, radiolabeling and evaluation of novel amine guanidine derivatives as potential positron emission tomography tracers for the ion channel of the N-methyl-d-aspartate receptor. European Journal of Medicinal Chemistry, 2016, 118, 143-160.	2.6	10
130	Molecular imaging of aurora kinase A (AURKA) expression: Synthesis and preclinical evaluation of radiolabeled alisertib (MLN8237). Nuclear Medicine and Biology, 2016, 43, 63-72.	0.3	9
131	Impact of New Scatter Correction Strategies on High-Resolution Research Tomograph Brain PET Studies. Molecular Imaging and Biology, 2016, 18, 627-635.	1.3	3
132	Effects of erlotinib therapy on [11C]erlotinib uptake in EGFR mutated, advanced NSCLC. EJNMMI Research, 2016, 6, 10.	1.1	30
133	Quantification of the novel N-methyl-<scp>d</scp>-aspartate receptor ligand [¹¹C]GMOM in man. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1111-1121.	2.4	19
134	Imaging of neuroinflammation in Alzheimer's disease, multiple sclerosis and stroke: Recent developments in positron emission tomography. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 425-441.	1.8	63
135	Quantitative and Simplified Analysis of ¹¹C-Erlotinib Studies. Journal of Nuclear Medicine, 2016, 57, 861-866.	2.8	22
136	Development of carbon-11 labeled acryl amides for selective PET imaging of active tissue transglutaminase. Nuclear Medicine and Biology, 2016, 43, 232-242.	0.3	29
137	A New Highly Reactive and Low Lipophilicity Fluorine-18 Labeled Tetrazine Derivative for Pretargeted PET Imaging. ACS Medicinal Chemistry Letters, 2016, 7, 62-66.	1.3	50
138	Myocardial denervation coincides with scar heterogeneity in ischemic cardiomyopathy: A PET and CMR study. Journal of Nuclear Cardiology, 2016, 23, 1480-1488.	1.4	9
139	Pediatric microdose and microtracer studies using ¹⁴C in Europe. Clinical Pharmacology and Therapeutics, 2015, 98, 234-237.	2.3	23
140	Bengt LÃ¥ngstrÃ¶m-a pioneer in carbon-11 radiochemistry. Journal of Labelled Compounds and Radiopharmaceuticals, 2015, 58, 47-48.	0.5	0
141	Microdosing of a Carbonâ€14 Labeled Protein in Healthy Volunteers Accurately Predicts Its Pharmacokinetics at Therapeutic Dosages. Clinical Pharmacology and Therapeutics, 2015, 98, 196-204.	2.3	21
142	Improved synthesis and application of [¹¹C]benzyl iodide in positron emission tomography radiotracer production. Journal of Labelled Compounds and Radiopharmaceuticals, 2015, 58, 342-348.	0.5	12
143	Synthesis and Preclinical Evaluation of Three Novel Fluorine-18 Labeled Radiopharmaceuticals for P-Glycoprotein PET Imaging at the Bloodâ€“Brain Barrier. Molecular Pharmaceutics, 2015, 12, 2265-2275.	2.3	23
144	Feasibility and repeatability of PET with the hypoxia tracer [18F]HX4 in oesophageal and pancreatic cancer. Radiotherapy and Oncology, 2015, 116, 94-99.	0.3	44

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145	Quantification of ¹¹C-Laniquidar Kinetics in the Brain. Journal of Nuclear Medicine, 2015, 56, 1730-1735.	2.8	5
146	Preclinical evaluation of [18F]PK-209, a new PET ligand for imaging the ion-channel site of NMDA receptors. Nuclear Medicine and Biology, 2015, 42, 205-212.	0.3	21
147	Synthesis, structure activity relationship, radiolabeling and preclinical evaluation of high affinity ligands for the ion channel of the N-methyl-d-aspartate receptor as potential imaging probes for positron emission tomography. Bioorganic and Medicinal Chemistry, 2015, 23, 1189-1206.	1.4	14
148	Synthesis of [3â€Nâ€¹¹Câ€methyl]temozolomide via in situ activation of 3â€Nâ€hydroxymethyl temozolomide and alkylation with [¹¹C]methyl iodide. Journal of Labelled Compounds and Radiopharmaceuticals, 2015, 58, 122-126.	0.5	5
149	Quantification of ¹⁸F-Fluorocholine Kinetics in Patients with Prostate Cancer. Journal of Nuclear Medicine, 2015, 56, 365-371.	2.8	32
150	[18F]VM4-037 MicroPET Imaging and Biodistribution of Two In Vivo CAIX-Expressing Tumor Models. Molecular Imaging and Biology, 2015, 17, 615-619.	1.3	40
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