Wolfgang Wadsak

List of Publications by Year
in descending order

257 papers	6,767 citations	57758 44 h-index	102487 66 g-index
288 all docs	288 docs citations	288 times ranked	7903 citing authors

#	Article	IF	Citations
1	Reduced Serotonin-1A Receptor Binding in Social Anxiety Disorder. Biological Psychiatry, 2007, 61, 1081-1089.	1.3	276
2	Brain tumour imaging with PET: a comparison between [18 F]fluorodopa and [11 C]methionine. European Journal of Nuclear Medicine and Molecular Imaging, 2003, 30, 1561-1567.	6.4	259
3	Normative database of the serotonergic system in healthy subjects using multi-tracer PET. NeuroImage, 2012, 63, 447-459.	4.2	126
4	Prediction of SSRI treatment response in major depression based on serotonin transporter interplay between median raphe nucleus and projection areas. NeuroImage, 2012, 63, 874-881.	4.2	124
5	Synthesis of fluorine-18-labeled ciprofloxacin for PET studies in humans. Nuclear Medicine and Biology, 2003, 30, 285-291.	0.6	123
6	PSMA Ligand PET/MRI for Primary Prostate Cancer: Staging Performance and Clinical Impact. Clinical Cancer Research, 2018, 24, 6300-6307.	7.0	112
7	Differential modulation of the default mode network via serotonin-1A receptors. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2619-2624.	7.1	109
8	Pgp-Mediated Interaction Between (R)-[11C]Verapamil and Tariquidar at the Human Bloodâ€“Brain Barrier: A Comparison With Rat Data. Clinical Pharmacology and Therapeutics, 2012, 91, 227-233.	4.7	108
9	Tariquidar-Induced P-Glycoprotein Inhibition at the Rat Bloodâ€“Brain Barrier Studied with (R)-¹¹C-Verapamil and PET. Journal of Nuclear Medicine, 2008, 49, 1328-1335.	5.0	104
10	Basics and principles of radiopharmaceuticals for PET/CT. European Journal of Radiology, 2010, 73, 461-469.	2.6	104
11	Response assessment using 68Ga-PSMA ligand PET in patients undergoing 177Lu-PSMA radioligand therapy for metastatic castration-resistant prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1063-1072.	6.4	100
12	Global decrease of serotonin-1A receptor binding after electroconvulsive therapy in major depression measured by PET. Molecular Psychiatry, 2013, 18, 93-100.	7.9	98
13	PET/MRI versus PET/CT in oncology: a prospective single-center study of 330 examinations focusing on implications for patient management and cost considerations. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 51-60.	6.4	98
14	Glioma Survival Prediction with Combined Analysis of In Vivo ¹¹C-MET PET Features, Ex Vivo Features, and Patient Features by Supervised Machine Learning. Journal of Nuclear Medicine, 2018, 59, 892-899.	5.0	94
15	Positron emission tomography imaging of adrenal masses: 18F-fluorodeoxyglucose and the 11?-hydroxylase tracer 11C-metomidate. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 1224-30.	6.4	93
16	68Ga-PSMA 11 ligand PET imaging in patients with biochemical recurrence after radical prostatectomy â€“ diagnostic performance and impact on therapeutic decision-making. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 235-242.	6.4	89
17	Influence of escitalopram treatment on 5-HT1A receptor binding in limbic regions in patients with anxiety disorders. Molecular Psychiatry, 2009, 14, 1040-1050.	7.9	87
18	Spatial analysis and high resolution mapping of the human whole-brain transcriptome for integrative analysis in neuroimaging. NeuroImage, 2018, 176, 259-267.	4.2	87

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19	Aggression is related to frontal serotoninâ€1A receptor distribution as revealed by PET in healthy subjects. Human Brain Mapping, 2009, 30, 2558-2570.	3.6	84
20	In vitro and in vivo evaluation of [18F]ciprofloxacin for the imaging of bacterial infections with PET. European Journal of Nuclear Medicine and Molecular Imaging, 2005, 32, 143-150.	6.4	77
21	High-Dose Testosterone Treatment Increases Serotonin Transporter Binding in Transgender People. Biological Psychiatry, 2015, 78, 525-533.	1.3	75
22	Uptake of bone-seekers is solely associated with mineralisation! A study with 99mTc-MDP, 153Sm-EDTMP and 18F-fluoride on osteoblasts. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 491-494.	6.4	74
23	Approaching Complete Inhibition of P-Glycoprotein at the Human Bloodâ€"Brain Barrier: An (R)-[¹¹C]Verapamil PET Study. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 743-746.	4.3	74
24	Lateralization of the serotonin-1A receptor distribution in language areas revealed by PET. NeuroImage, 2009, 45, 598-605.	4.2	72
25	Supervised machine learning enables non-invasive lesion characterization in primary prostate cancer with [68Ga]Ga-PSMA-11 PET/MRI. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1795-1805.	6.4	72
26	Influence of functional haplotypes in the drug transporter gene on central nervous system drug distribution in humans. Clinical Pharmacology and Therapeutics, 2005, 78, 182-190.	4.7	64
27	Quantification of Task-Specific Glucose Metabolism with Constant Infusion of¹⁸F-FDG. Journal of Nuclear Medicine, 2016, 57, 1933-1940.	5.0	64
28	Application of image-derived and venous input functions in major depression using [carbonyl-11C]WAY-100635. Nuclear Medicine and Biology, 2013, 40, 371-377.	0.6	62
29	Log P , a yesterday's value?. Nuclear Medicine and Biology, 2017, 50, 1-10.	0.6	62
30	[68Ga]Pentixafor-PET/MRI for the detection of Chemokine receptor 4 expression in atherosclerotic plaques. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 558-566.	6.4	60
31	The serotonin-1A receptor distribution in healthy men and women measured by PET and [carbonyl-11C]WAY-100635. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 2159-2168.	6.4	59
32	Reduced task durations in functional PET imaging with [18F]FDG approaching that of functional MRI. NeuroImage, 2018, 181, 323-330.	4.2	59
33	Light-dependent alteration of serotonin-1A receptor binding in cortical and subcortical limbic regions in the human brain. World Journal of Biological Psychiatry, 2012, 13, 413-422.	2.6	57
34	[18 F]Ciprofloxacin, a New Positron Emission Tomography Tracer for Noninvasive Assessment of the Tissue Distribution and Pharmacokinetics of Ciprofloxacin in Humans. Antimicrobial Agents and Chemotherapy, 2004, 48, 3850-3857.	3.2	54
35	Cortisol plasma levels in social anxiety disorder patients correlate with serotonin-1A receptor binding in limbic brain regions. International Journal of Neuropsychopharmacology, 2010, 13, 1129-1143.	2.1	54
36	Regional differences in SERT occupancy after acute and prolonged SSRI intake investigated by brain PET. NeuroImage, 2014, 88, 252-262.	4.2	54

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37	Escitalopram Enhances the Association of Serotonin-1A Autoreceptors to Heteroreceptors in Anxiety Disorders. Journal of Neuroscience, 2010, 30, 14482-14489.	3.6	52
38	Attenuated serotonin transporter association between dorsal raphe and ventral striatum in major depression. Human Brain Mapping, 2014, 35, 3857-3866.	3.6	50
39	Pilot PET Study to Assess the Functional Interplay Between ABCB1 and ABCG2 at the Human Bloodâ€“Brain Barrier. Clinical Pharmacology and Therapeutics, 2016, 100, 131-141.	4.7	50
40	Effects of Selective Serotonin Reuptake Inhibitors on Interregional Relation of Serotonin Transporter Availability in Major Depression. Frontiers in Human Neuroscience, 2017, 11, 48.	2.0	50
41	Effects of Silexan on the Serotonin-1A Receptor and Microstructure of the Human Brain: A Randomized, Placebo-Controlled, Double-Blind, Cross-Over Study with Molecular and Structural Neuroimaging. International Journal of Neuropsychopharmacology, 2015, 18, pyu063-pyu063.	2.1	49
42	[68Ga]Pentixafor PET/MR imaging of chemokine receptor 4 expression in the human carotid artery. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1616-1625.	6.4	49
43	Response assessment using [⁶⁸Ga]Gaâ€PSMA ligand PET in patients undergoing systemic therapy for metastatic castrationâ€resistant prostate cancer. Prostate, 2020, 80, 74-82.	2.3	49
44	Reconfiguration of functional brain networks and metabolic cost converge during task performance. ELife, 2020, 9, .	6.0	49
45	Clinical outcome of standardized 177Lu-PSMA-617 therapy in metastatic prostate cancer patients receiving 7400 MBq every 4 weeks. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 713-720.	6.4	46
46	Interaction of ¹¹C-Tariquidar and ¹¹C-Elacridar with P-Glycoprotein and Breast Cancer Resistance Protein at the Human Bloodâ€“Brain Barrier. Journal of Nuclear Medicine, 2013, 54, 1181-1187.	5.0	45
47	Multiparametric [18F]Fluorodeoxyglucose/ [18F]Fluoromisonidazole Positron Emission Tomography/ Magnetic Resonance Imaging of Locally Advanced Cervical Cancer for the Non-Invasive Detection of Tumor Heterogeneity: A Pilot Study. PLoS ONE, 2016, 11, e0155333.	2.5	45
48	The Norepinephrine Transporter in Attention-Deficit/Hyperactivity Disorder Investigated With Positron Emission Tomography. JAMA Psychiatry, 2014, 71, 1340.	11.0	44
49	Biological evaluation of 2â€²-[18F]fluoroflumazenil ([18F]FFMZ), a potential GABA receptor ligand for PET. Nuclear Medicine and Biology, 2004, 31, 291-295.	0.6	43
50	Influence of OATPs on Hepatic Disposition of Erlotinib Measured With Positron Emission Tomography. Clinical Pharmacology and Therapeutics, 2018, 104, 139-147.	4.7	43
51	On the consensus nomenclature rules for radiopharmaceutical chemistry â€“ Reconsideration of radiochemical conversion. Nuclear Medicine and Biology, 2021, 93, 19-21.	0.6	43
52	Prospective non-invasive evaluation of CXCR4 expression for the diagnosis of MALT lymphoma using [⁶⁸Ga]Ga-Pentixafor-PET/MRI. Theranostics, 2019, 9, 3653-3658.	10.0	42
53	Gadoxetate-enhanced versus diffusion-weighted MRI for fused Ga-68-DOTANOC PET/MRI in patients with neuroendocrine tumours of the upper abdomen. European Radiology, 2013, 23, 1978-1985.	4.5	41
54	Association Between Osteogenesis and Inflammation During the Progression of Calcified Plaque Evaluated by ¹⁸F-Fluoride and ¹⁸F-FDG. Journal of Nuclear Medicine, 2017, 58, 968-974.	5.0	40

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55	Machine learning classification of ADHD and HC by multimodal serotonergic data. Translational Psychiatry, 2020, 10, 104.	4.8	39
56	New aspects on the preparation of [11C]Methionineâ€"a simple and fast online approach without preparative HPLC. Applied Radiation and Isotopes, 2005, 62, 441-445.	1.5	38
57	Quantitative assessment of atherosclerotic plaques on 18F-FDG PET/MRI: comparison with a PET/CT hybrid system. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 1503-1512.	6.4	38
58	Impact of P-Glycoprotein Function on the Brain Kinetics of the Weak Substrate ¹¹C-Metoclopramide Assessed with PET Imaging in Humans. Journal of Nuclear Medicine, 2019, 60, 985-991.	5.0	38
59	<scp>STAT</scp> 3 â€dependent analysis reveals <scp>PDK</scp> 4 as independent predictor of recurrence in prostate cancer. Molecular Systems Biology, 2020, 16, e9247.	7.2	38
60	Pre vivo, ex vivo and in vivo evaluations of [68Ga]-EDTMP. Nuclear Medicine and Biology, 2007, 34, 391-397.	0.6	37
61	Central serotonin 1A receptor binding in temporal lobe epilepsy: A [carbonyl-11C]WAY-100635 PET study. Epilepsy and Behavior, 2010, 19, 467-473.	1.7	37
62	In vivo P-glycoprotein function before and after epilepsy surgery. Neurology, 2014, 83, 1326-1331.	1.1	37
63	Effects of norepinephrine transporter gene variants on <scp>NET</scp> binding in <scp>ADHD</scp> and healthy controls investigated by <scp>PET</scp>. Human Brain Mapping, 2016, 37, 884-895.	3.6	37
64	In vivo and in vitro evaluation of [18 F]FETO with respect to the adrenocortical and GABAergic system in rats. European Journal of Nuclear Medicine and Molecular Imaging, 2003, 30, 1398-1401.	6.4	35
65	Monitoring of plexiform neurofibroma in children and adolescents with neurofibromatosis type 1 by [¹⁸F]FDGâ€PET imaging. Is it of value in asymptomatic patients?. Pediatric Blood and Cancer, 2018, 65, e26733.	1.5	35
66	Task-relevant brain networks identified with simultaneous PET/MR imaging of metabolism and connectivity. Brain Structure and Function, 2018, 223, 1369-1378.	2.3	34
67	[18F]FETO for adrenocortical PET imaging: a pilot study in healthy volunteers. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 669-672.	6.4	33
68	Multimodal imaging of human early visual cortex by combining functional and molecular measurements with fMRI and PET. NeuroImage, 2008, 41, 204-211.	4.2	32
69	Association of Protein Distribution and Gene Expression Revealed by PET and Post-Mortem Quantification in the Serotonergic System of the Human Brain. Cerebral Cortex, 2017, 27, 117-130.	2.9	30
70	Prospective evaluation of the performance of [68Ga]Ga-PSMA-11 PET/CT(MRI) for lymph node staging in patients undergoing superextended salvage lymph node dissection after radical prostatectomy. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2169-2177.	6.4	30
71	Simple and fully automated preparation of [carbonyl-11C]WAY-100635. Radiochimica Acta, 2007, 95, .	1.2	28
72	Preparation and first evaluation of [18F]FE@SUPPY: a new PET tracer for the adenosine A3 receptor. Nuclear Medicine and Biology, 2008, 35, 61-66.	0.6	28

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73	[18F]FE@SNAPâ€"A new PET tracer for the melanin concentrating hormone receptor 1 (MCHR1): Microfluidic and vessel-based approaches. Bioorganic and Medicinal Chemistry, 2012, 20, 5936-5940.	3.0	28
74	Cerebral serotonin transporter asymmetry in females, males and male-to-female transsexuals measured by PET in vivo. Brain Structure and Function, 2014, 219, 171-183.	2.3	28
75	Evaluation of fatty acid synthase in prostate cancer recurrence: SUV of [¹¹C]acetate PET as a prognostic marker. Prostate, 2015, 75, 1760-1767.	2.3	28
76	Effect of Pâ€glycoprotein inhibition at the bloodâ€"brain barrier on brain distribution of (R)â€[¹¹C]verapamil in elderly vs. young subjects. British Journal of Clinical Pharmacology, 2017, 83, 1991-1999.	2.4	28
77	Preparation and pre-vivo evaluation of no-carrier-added, carrier-added and cross-complexed [68Ga]-EDTMP formulations. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 68, 406-412.	4.3	27
78	Simple and rapid preparation of [11C]DASB with high quality and reliability for routine applications. Applied Radiation and Isotopes, 2009, 67, 1654-1660.	1.5	27
79	Serotonin-1A receptor binding is positively associated with gray matter volume â€" A multimodal neuroimaging study combining PET and structural MRI. NeuroImage, 2012, 63, 1091-1098.	4.2	27
80	Optimization of the radiosynthesis of the Alzheimer tracer 2-(4-N-[11C]methylaminophenyl)-6-hydroxybenzothiazole ([11C]PIB). Applied Radiation and Isotopes, 2011, 69, 1212-1217.	1.5	26
81	An Overview of PET Radiochemistry, Part 1: The Covalent Labels ¹⁸F, ¹¹C, and ¹³N. Journal of Nuclear Medicine, 2018, 59, 1350-1354.	5.0	26
82	Microfluidic preparation of [18F]FE@SUPPY and [18F]FE@SUPPY:2 â€" comparison with conventional radiosyntheses. Nuclear Medicine and Biology, 2011, 38, 427-434.	0.6	25
83	Radiolabeling of [18F]altanserin â€" a microfluidic approach. Nuclear Medicine and Biology, 2012, 39, 1087-1092.	0.6	25
84	Impact of hybrid PET/MR technology on multiparametric imaging and treatment response assessment of cervix cancer. Radiotherapy and Oncology, 2017, 125, 420-425.	0.6	25
85	A Proof-of-Concept Study to Inhibit ABCG2- and ABCB1-Mediated Efflux Transport at the Human Bloodâ€"Brain Barrier. Journal of Nuclear Medicine, 2019, 60, 486-491.	5.0	25
86	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D2/3 receptor agonist radioligand study. Translational Psychiatry, 2020, 10, 2.	4.8	25
87	Insights into Intrinsic Brain Networks based on Graph Theory and PET in right- compared to left-sided Temporal Lobe Epilepsy. Scientific Reports, 2016, 6, 28513.	3.3	24
88	New approaches for the reliable in vitro assessment of binding affinity based on high-resolution real-time data acquisition of radioligand-receptor binding kinetics. EJNMMI Research, 2017, 7, 22.	2.5	24
89	The effect of electroconvulsive therapy on cerebral monoamine oxidase A expression in treatment-resistant depression investigated using positron emission tomography. Brain Stimulation, 2019, 12, 714-723.	1.6	24
90	Effects of hormone replacement therapy on cerebral serotonin-1A receptor binding in postmenopausal women examined with [carbonyl-11C]WAY-100635. Psychoneuroendocrinology, 2014, 45, 1-10.	2.7	23

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91	Assessment of P-Glycoprotein Transport Activity at the Human Bloodâ€“Retina Barrier with (R)â€¹¹C-Verapamil PET. Journal of Nuclear Medicine, 2017, 58, 678-681.	5.0	23
92	Association of norepinephrine transporter methylation with in vivo NET expression and hyperactivityâ€“impulsivity symptoms in ADHD measured with PET. Molecular Psychiatry, 2021, 26, 1009-1018.	7.9	23
93	Synthesis of [18F]FETO, a novel potential 11-? hydroxylase inhibitor. Journal of Labelled Compounds and Radiopharmaceuticals, 2003, 46, 379-388.	1.0	22
94	The influence of the rs6295 gene polymorphism on serotonin-1A receptor distribution investigated with PET in patients with major depression applying machine learning. Translational Psychiatry, 2017, 7, e1150-e1150.	4.8	22
95	Visual and semiquantitative 11C-methionine PET: an independent prognostic factor for survival of newly diagnosed and treatment-naÃ¯ve gliomas. Neuro-Oncology, 2018, 20, 411-419.	1.2	22
96	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. Translational Psychiatry, 2018, 8, 198.	4.8	22
97	Altered interregional molecular associations of the serotonin transporter in attention deficit/hyperactivity disorder assessed with PET. Human Brain Mapping, 2017, 38, 792-802.	3.6	21
98	Utility of Absolute Quantification in Non-lesional Extratemporal Lobe Epilepsy Using FDG PET/MR Imaging. Frontiers in Neurology, 2020, 11, 54.	2.4	21
99	Prediction of response and survival after standardized treatment with 7400ÂMBq 177Lu-PSMA-617 every 4Âweeks in patients with metastatic castration-resistant prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1650-1657.	6.4	21
100	Binding studies of [18F]-fluoride and polyphosphonates radiolabelled with [99mTc], [111In], [153Sm] and [188Re] on bone compartments: Verification of the pre vivo model?. Bone, 2005, 37, 404-412.	2.9	20
101	18F fluoroethylations: different strategies for the rapid translation of 11C-methylated radiotracers. Nuclear Medicine and Biology, 2007, 34, 1019-1028.	0.6	20
102	Preclinical in vitro & in vivo evaluation of [11C]SNAP-7941 â€“ the first PET tracer for the melanin concentrating hormone receptor 1. Nuclear Medicine and Biology, 2013, 40, 919-925.	0.6	20
103	Reliable set-up for in-loop 11C-carboxylations using Grignard reactions for the preparation of [carbonyl-11C]WAY-100635 and [11C]-(+)-PHNO. Applied Radiation and Isotopes, 2013, 82, 75-80.	1.5	20
104	The value of [11C]-acetate PET and [18F]-FDG PET in hepatocellular carcinoma before and after treatment with transarterial chemoembolization and bevacizumab. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1732-1741.	6.4	20
105	A Microdosing Study with ^{99m}Tc-PHC-102 for the SPECT/CT Imaging of Primary and Metastatic Lesions in Renal Cell Carcinoma Patients. Journal of Nuclear Medicine, 2021, 62, 360-365.	5.0	20
106	New aspects on the preparation of [11C]acetateâ€”a simple and fast approach via distillation. Applied Radiation and Isotopes, 2004, 61, 1147-1150.	1.5	19
107	[18F]FETO: metabolic considerations. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 928-931.	6.4	19
108	Combining image-derived and venous input functions enables quantification of serotonin-1A receptors with [carbonyl-11C]WAY-100635 independent of arterial sampling. NeuroImage, 2012, 62, 199-206.	4.2	19

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109	Relation of progesterone and DHEAS serum levels to 5-HT1A receptor binding potential in pre- and postmenopausal women. Psychoneuroendocrinology, 2014, 46, 52-63.	2.7	19
110	Quantitative Assessment of Breast Parenchymal Uptake on ¹⁸F-FDG PET/CT: Correlation with Age, Background Parenchymal Enhancement, and Amount of Fibroglandular Tissue on MRI. Journal of Nuclear Medicine, 2016, 57, 1518-1522.	5.0	19
111	Simple and rapid quantification of serotonin transporter binding using [11C]DASB bolus plus constant infusion. NeuroImage, 2017, 149, 23-32.	4.2	19
112	Progesterone Level Predicts Serotonin-1A Receptor Binding in the Male Human Brain. Neuroendocrinology, 2011, 94, 84-88.	2.5	18
113	Reliability of task-specific neuronal activation assessed with functional PET, ASL and BOLD imaging. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2986-2999.	4.3	18
114	Bone lesion detection with carrier-added 99mTc-EDTMP in comparison with 99mTc-DPD. Nuclear Medicine Communications, 2004, 25, 361-365.	1.1	17
115	Single-step radiofluorination of peptides using continuous flow microreactor. Organic and Biomolecular Chemistry, 2012, 10, 3871.	2.8	17
116	[18F]FMeNER-D2: Reliable fully-automated synthesis for visualization of the norepinephrine transporter. Nuclear Medicine and Biology, 2013, 40, 1049-1054.	0.6	17
117	Hide and seek: a comparative autoradiographic in vitro investigation of the adenosine A3 receptor. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 928-939.	6.4	17
118	Development of a Novel Nonpeptidic ¹⁸F-Labeled Radiotracer for in Vivo Imaging of Oxytocin Receptors with Positron Emission Tomography. Journal of Medicinal Chemistry, 2016, 59, 1800-1817.	6.4	17
119	Expanding LogP: Present possibilities. Nuclear Medicine and Biology, 2018, 58, 20-32.	0.6	17
120	Effect of Rifampicin on the Distribution of [¹¹C]Erlotinib to the Liver, a Translational PET Study in Humans and in Mice. Molecular Pharmaceutics, 2018, 15, 4589-4598.	4.6	17
121	Functional dynamics of dopamine synthesis during monetary reward and punishment processing. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2973-2985.	4.3	17
122	Binding studies of [18F]-fluoride and polyphosphonates radiolabelled with [111In], [99mTc], [153Sm], and [188Re] on bone compartments: a new model for the pre vivo evaluation of bone seekers?. Bone, 2004, 34, 835-844.	2.9	16
123	Synthesis and biodistribution of [18F]FE@CIT, a new potential tracer for the dopamine transporter. Synapse, 2005, 55, 73-79.	1.2	16
124	Parameter evaluation and fully-automated radiosynthesis of [11 C]harmine for imaging of MAO-A for clinical trials. Applied Radiation and Isotopes, 2015, 97, 182-187.	1.5	16
125	Changes in Tumor Biology During Chemoradiation of Cervix Cancer Assessed by Multiparametric MRI and Hypoxia PET. Molecular Imaging and Biology, 2018, 20, 160-169.	2.6	16
126	Hypothalamic serotonin-1A receptor binding measured by PET predicts the plasma level of dehydroepiandrosterone sulfate in healthy women. Neuroscience Letters, 2010, 476, 161-165.	2.1	15

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127	[18F]FE@SUPPY and [18F]FE@SUPPY:2 â€" metabolic considerations. Nuclear Medicine and Biology, 2010, 37, 421-426.	0.6	15
128	Radiosynthesis of [11C]SNAP-7941â€"the first PET-tracer for the melanin concentrating hormone receptor 1 (MCHR1). Applied Radiation and Isotopes, 2012, 70, 2287-2294.	1.5	15
129	[¹⁸F]FEPPA: Improved Automated Radiosynthesis, Binding Affinity, and Preliminary in Vitro Evaluation in Colorectal Cancer. ACS Medicinal Chemistry Letters, 2018, 9, 177-181.	2.8	15
130	FDG â€•PET / MRI imaging for the management of alveolar echinococcosis: initial clinical experience at a reference centre in Austria. Tropical Medicine and International Health, 2019, 24, 663-670.	2.3	15
131	Detection of Bone Metastases Using 11C-Acetate PET in Patients with Prostate Cancer with Biochemical Recurrence. Anticancer Research, 2015, 35, 6787-91.	1.1	15
132	Optimization of [11C]DASB-synthesis: Vessel-based and flow-through microreactor methods. Applied Radiation and Isotopes, 2012, 70, 2615-2620.	1.5	14
133	Preparation and First Preclinical Evaluation of [18F]FE@SNAP: A Potential PET Tracer for the Melanin Concentrating Hormone Receptor 1 (MCHR1). Scientia Pharmaceutica, 2013, 81, 625-639.	2.0	14
134	(R)-[18F]NEBIFQUINIDE: A promising new PET tracer for TSPO imaging. European Journal of Medicinal Chemistry, 2019, 176, 410-418.	5.5	14
135	First-in-human brain PET imaging of the GluN2B-containing N-methyl-D-aspartate receptor with (R)-11C-Me-NB1. Journal of Nuclear Medicine, 2021, , jnumed.121.262427.	5.0	14
136	Imaging Biomarkers or Biomarker Imaging?. Pharmaceuticals, 2014, 7, 765-778.	3.8	13
137	Impact of COMT genotype on serotonin-1A receptor binding investigated with PET. Brain Structure and Function, 2014, 219, 2017-2028.	2.3	13
138	Binding Affinity of Some Endogenous and Synthetic TSPO Ligands Regarding the rs6971 Polymorphism. International Journal of Molecular Sciences, 2019, 20, 563.	4.1	13
139	Radiosynthesis of 3-(2â€²-[18F]fluoro)-flumazenil ([18F]FFMZ). Journal of Labelled Compounds and Radiopharmaceuticals, 2003, 46, 1229-1240.	1.0	12
140	Interaction between 5-HTTLPR and 5-HT1B genotype status enhances cerebral 5-HT1A receptor binding. NeuroImage, 2015, 111, 505-512.	4.2	12
141	Parcellation of the Human Cerebral Cortex Based on Molecular Targets in the Serotonin System Quantified by Positron Emission Tomography In vivo. Cerebral Cortex, 2019, 29, 372-382.	2.9	12
142	Speed matters to raise molar radioactivity: Fast HPLC shortens the quality control of C-11 PET-tracers. Nuclear Medicine and Biology, 2018, 57, 28-33.	0.6	12
143	Clinical Value of 18F-FDOPA PET/CT With Contrast Enhancement and Without Carbidopa Premedication in Patients with Insulinoma. Anticancer Research, 2018, 38, 353-358.	1.1	12
144	EANM position on the in-house preparation of radiopharmaceuticals. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1095-1098.	6.4	12

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145	Relevance of calcitonin cut-off in the follow-up of medullary thyroid carcinoma for conventional imaging and 18-fluorine-fluorodihydroxyphenylalanine PET. Anticancer Research, 2014, 34, 6647-54.	1.1	12
146	Labelling of EDTMP (MultiboneÂ®) with [111In], [99mTc] and [188Re] using different carriers for â€œcross complexationâ€• Applied Radiation and Isotopes, 2004, 60, 653-658.	1.5	11
147	Imaging of adrenocortical metastases with [11C]metomidate. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 974-974.	6.4	11
148	Development and automation of a novel NET-PET tracer: [11C]Me@APPI. Nuclear Medicine and Biology, 2013, 40, 295-303.	0.6	11
149	Radiosynthesis and first preclinical evaluation of the novel norepinephrine transporter pet-ligand [11C]ME@HAPTHI. EJNMMI Research, 2015, 5, 113.	2.5	11
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