

Wolfgang Wadsak

List of Publications by Year in descending order

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Version: 2024-02-01

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	EANM position on the in-house preparation of radiopharmaceuticals. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1095-1098.	6.4	12
2	Simultaneous radiomethylation of [11C]harmine and [11C]DASB and kinetic modeling approach for serotonergic brain imaging in the same individual. <i>Scientific Reports</i> , 2022, 12, 3283.	3.3	0
3	Design, Synthesis, and Biological Evaluation of 4,4- TM -Difluorobenzhydryl Carbamates as Selective M1 Antagonists. <i>Pharmaceuticals</i> , 2022, 15, 248.	3.8	4
4	Cyclotrons Operated for Nuclear Medicine and Radiopharmacy in the German Speaking D-A-CH Countries: An Update on Current Status and Trends. <i>Frontiers in Nuclear Medicine</i> , 2022, 2, .	1.2	3
5	Status-Quo-Erhebung zur Zyklotron-Infrastruktur für die Nuklearmedizin und Radiopharmazie in Deutschland, Österreich und der Schweiz. <i>Nuklearmedizin - NuclearMedicine</i> , 2022, 61, .	0.7	0
6	Learning induces coordinated neuronal plasticity of metabolic demands and functional brain networks. <i>Communications Biology</i> , 2022, 5, 428.	4.4	9
7	Synthesis, Biological Evaluation, and Docking Studies of Antagonistic Hydroxylated Arecaidine Esters Targeting mAChRs. <i>Molecules</i> , 2022, 27, 3173.	3.8	4
8	Imaging Inflammation in Atherosclerosis with CXCR4-Directed [68Ga]PentixaFor PET/MRI Compared with [18F]FDG PET/MRI. <i>Life</i> , 2022, 12, 1039.	2.4	3
9	A Microdosing Study with ^{99m} Tc-PHC-102 for the SPECT/CT Imaging of Primary and Metastatic Lesions in Renal Cell Carcinoma Patients. <i>Journal of Nuclear Medicine</i> , 2021, 62, 360-365.	5.0	20
10	On the consensus nomenclature rules for radiopharmaceutical chemistry – Reconsideration of radiochemical conversion. <i>Nuclear Medicine and Biology</i> , 2021, 93, 19-21.	0.6	43
11	Supervised machine learning enables non-invasive lesion characterization in primary prostate cancer with [68Ga]Ga-PSMA-11 PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1795-1805.	6.4	72
12	Prediction of response and survival after standardized treatment with 7400 MBq ¹⁷⁷ Lu-PSMA-617 every 4 weeks in patients with metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1650-1657.	6.4	21
13	Association of norepinephrine transporter methylation with in vivo NET expression and hyperactivity/impulsivity symptoms in ADHD measured with PET. <i>Molecular Psychiatry</i> , 2021, 26, 1009-1018.	7.9	23
14	Disrupted relationship between blood glucose and brain dopamine D2/3 receptor binding in patients with first-episode schizophrenia. <i>NeuroImage: Clinical</i> , 2021, 32, 102813.	2.7	5
15	Functional dynamics of dopamine synthesis during monetary reward and punishment processing. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2973-2985.	4.3	17
16	Reliability of task-specific neuronal activation assessed with functional PET, ASL and BOLD imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2986-2999.	4.3	18
17	Update on PET Tracer Development for Muscarinic Acetylcholine Receptors. <i>Pharmaceuticals</i> , 2021, 14, 530.	3.8	11
18	Impact of the COVID-19 pandemic on nuclear medicine departments in Europe. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3361-3364.	6.4	6

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19	High-dose testosterone treatment reduces monoamine oxidase A levels in the human brain: A preliminary report. <i>Psychoneuroendocrinology</i> , 2021, 133, 105381.	2.7	11
20	Discovery of melanin-concentrating hormone receptor 1 in brown adipose tissue. <i>Annals of the New York Academy of Sciences</i> , 2021, 1494, 70-86.	3.8	2
21	First-in-human brain PET imaging of the GluN2B-containing N-methyl-D-aspartate receptor with (R)- ¹¹ C-Me-NB1. <i>Journal of Nuclear Medicine</i> , 2021, , jnumed.121.262427.	5.0	14
22	Unexpected scaffold rearrangement product of pirenzepine found in commercial samples. <i>Scientific Reports</i> , 2021, 11, 23397.	3.3	1
23	Brain glucose uptake during transcranial direct current stimulation measured with functional [¹⁸ F]FDG-PET. <i>Brain Imaging and Behavior</i> , 2020, 14, 477-484.	2.1	5
24	PET/MRI versus PET/CT in oncology: a prospective single-center study of 330 examinations focusing on implications for patient management and cost considerations. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 51-60.	6.4	98
25	Response assessment using [⁶⁸ Ga]Ga-PSMA ligand PET in patients undergoing systemic therapy for metastatic castration-resistant prostate cancer. <i>Prostate</i> , 2020, 80, 74-82.	2.3	49
26	Clinical outcome of standardized ¹⁷⁷ Lu-PSMA-617 therapy in metastatic prostate cancer patients receiving 7400 MBq every 4 weeks. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 713-720.	6.4	46
27	Enhanced arecoline derivatives as muscarinic acetylcholine receptor M1 ligands for potential application as PET radiotracers. <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112623.	5.5	8
28	Synthesis, Biological, and Computational Evaluation of Antagonistic, Chiral Hydrobenzoin Esters of Arecaidine Targeting mAChR M1. <i>Pharmaceuticals</i> , 2020, 13, 437.	3.8	6
29	The relationship between cholecystokinin secretion and pancreatic [¹¹ C]methionine uptake in patients after partial pancreaticoduodenectomy. <i>Annals of Nuclear Medicine</i> , 2020, 34, 691-695.	2.2	0
30	Association of dopamine D2/3 receptor binding potential measured using PET and [¹¹ C]-(+)-PHNO with post-mortem DRD2/3 gene expression in the human brain. <i>NeuroImage</i> , 2020, 223, 117270.	4.2	11
31	Training the next generation of radiopharmaceutical scientists. <i>Nuclear Medicine and Biology</i> , 2020, 88-89, 10-13.	0.6	7
32	Topologically Guided Prioritization of Candidate Gene Transcripts Coexpressed with the 5-HT1A Receptor by Combining In Vivo PET and Allen Human Brain Atlas Data. <i>Cerebral Cortex</i> , 2020, 30, 3771-3780.	2.9	10
33	Utility of Absolute Quantification in Non-lesional Extratemporal Lobe Epilepsy Using FDG PET/MR Imaging. <i>Frontiers in Neurology</i> , 2020, 11, 54.	2.4	21
34	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D2/3 receptor agonist radioligand study. <i>Translational Psychiatry</i> , 2020, 10, 2.	4.8	25
35	Machine learning classification of ADHD and HC by multimodal serotonergic data. <i>Translational Psychiatry</i> , 2020, 10, 104.	4.8	39
36	<i>STAT3</i> -dependent analysis reveals <i>PDK4</i> as independent predictor of recurrence in prostate cancer. <i>Molecular Systems Biology</i> , 2020, 16, e9247.	7.2	38

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37	Reconfiguration of functional brain networks and metabolic cost converge during task performance. <i>ELife</i> , 2020, 9, .	6.0	49
38	SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [¹⁸ F]FE@SNAP and [¹¹ C]SNAP-7941. <i>Molecular Imaging and Biology</i> , 2019, 21, 257-268.	2.6	5
39	Prospective non-invasive evaluation of CXCR4 expression for the diagnosis of MALT lymphoma using [⁶⁸ Ga]Ga-Pentixafor-PET/MRI. <i>Theranostics</i> , 2019, 9, 3653-3658.	10.0	42
40	Serotonin Transporter Binding in the Human Brain After Pharmacological Challenge Measured Using PET and PET/MR. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 172.	2.9	6
41	Prospective evaluation of the performance of [⁶⁸ Ga]Ga-PSMA-11 PET/CT(MRI) for lymph node staging in patients undergoing superextended salvage lymph node dissection after radical prostatectomy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2169-2177.	6.4	30
42	In vitro Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , 2019, 10, 324.	3.5	6
43	Synthesis and in vitro evaluation of new translocator protein ligands designed for positron emission tomography. <i>Future Medicinal Chemistry</i> , 2019, 11, 539-550.	2.3	3
44	Toward the Optimization of (+)-[¹¹ C]PHNO Synthesis: Time Reduction and Process Validation. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-13.	0.8	1
45	Sex-differences in [⁶⁸ Ga]Ga-DOTANOC biodistribution. <i>Nuclear Medicine and Biology</i> , 2019, 76-77, 15-20.	0.6	4
46	PIK3CA Mutational Status Is Associated with High Glycolytic Activity in ER+/HER2 ⁻ Early Invasive Breast Cancer: a Molecular Imaging Study Using [¹⁸ F]FDG PET/CT. <i>Molecular Imaging and Biology</i> , 2019, 21, 991-1002.	2.6	8
47	Epistasis of HTR1A and BDNF risk genes alters cortical 5-HT1A receptor binding: PET results link genotype to molecular phenotype in depression. <i>Translational Psychiatry</i> , 2019, 9, 5.	4.8	7
48	Binding Affinity of Some Endogenous and Synthetic TSPO Ligands Regarding the rs6971 Polymorphism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 563.	4.1	13
49	Multimodal [¹⁸ F]FDG PET/CT Is a Direct Readout for Inflammatory Bone Repair: A Longitudinal Study in TNF α Transgenic Mice. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1632-1645.	2.8	8
50	Modeling the acute pharmacological response to selective serotonin reuptake inhibitors in human brain using simultaneous PET/MR imaging. <i>European Neuropsychopharmacology</i> , 2019, 29, 711-719.	0.7	11
51	(R)-[¹⁸ F]NEBIFQUINIDE: A promising new PET tracer for TSPO imaging. <i>European Journal of Medicinal Chemistry</i> , 2019, 176, 410-418.	5.5	14
52	Technical Aspect of the Automated Synthesis and Real-Time Kinetic Evaluation of [¹¹ C]SNAP-7941. <i>Journal of Visualized Experiments</i> , 2019, .	0.3	2
53	Characterization of pharmacological response to selective serotonin reuptake inhibitors using clustering of resting-state hybrid PET/MR data. <i>European Neuropsychopharmacology</i> , 2019, 29, S603-S604.	0.7	0
54	[⁶⁸ Ga]Pentixafor PET/MR imaging of chemokine receptor 4 expression in the human carotid artery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1616-1625.	6.4	49

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55	FDG α -PET / MRI imaging for the management of alveolar echinococcosis: initial clinical experience at a reference centre in Austria. <i>Tropical Medicine and International Health</i> , 2019, 24, 663-670.	2.3	15
56	Characterization of Bone Lesions in Myeloma Before and During Anticancer Therapy Using ^{18}F -FDG-PET/CT and ^{18}F -NaF-PET/CT. <i>Anticancer Research</i> , 2019, 39, 1943-1952.	1.1	3
57	The Radiopharmaceutical Chemistry of Carbon-11: Tracers and Applications. , 2019, , 221-236.		1
58	Sequential [^{18}F]FDG-[^{18}F]FMISO PET and Multiparametric MRI at 3T for Insights into Breast Cancer Heterogeneity and Correlation with Patient Outcomes: First Clinical Experience. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	0.8	9
59	Attenuation Correction Approaches for Serotonin Transporter Quantification With PET/MRI. <i>Frontiers in Physiology</i> , 2019, 10, 1422.	2.8	5
60	Response assessment using ^{68}Ga -PSMA ligand PET in patients undergoing ^{177}Lu -PSMA radioligand therapy for metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1063-1072.	6.4	100
61	The effect of electroconvulsive therapy on cerebral monoamine oxidase A expression in treatment-resistant depression investigated using positron emission tomography. <i>Brain Stimulation</i> , 2019, 12, 714-723.	1.6	24
62	Impact of P-Glycoprotein Function on the Brain Kinetics of the Weak Substrate ^{11}C -Metoclopramide Assessed with PET Imaging in Humans. <i>Journal of Nuclear Medicine</i> , 2019, 60, 985-991.	5.0	38
63	Optimization of the Automated Synthesis of [^{11}C]mHED α Administered and Apparent Molar Activities. <i>Pharmaceuticals</i> , 2019, 12, 12.	3.8	1
64	Parcellation of the Human Cerebral Cortex Based on Molecular Targets in the Serotonin System Quantified by Positron Emission Tomography In vivo. <i>Cerebral Cortex</i> , 2019, 29, 372-382.	2.9	12
65	A Proof-of-Concept Study to Inhibit ABCG2- and ABCB1-Mediated Efflux Transport at the Human Blood α Brain Barrier. <i>Journal of Nuclear Medicine</i> , 2019, 60, 486-491.	5.0	25
66	Pitfalls and solutions of the fully-automated radiosynthesis of [^{11}C]metoclopramide. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019, 4, 31.	3.9	7
67	Explorative analysis of retrospective data of patients with esophageal cancer at the Department of Nuclear Medicine at the Medical University of Vienna: Predicting 30-month survival and progress-free survival using Supervised Machine Learning. <i>Nuklearmedizin - NuclearMedicine</i> , 2019, 58, .	0.7	0
68	Task-relevant brain networks identified with simultaneous PET/MR imaging of metabolism and connectivity. <i>Brain Structure and Function</i> , 2018, 223, 1369-1378.	2.3	34
69	[^{18}F]FEPPA: Improved Automated Radiosynthesis, Binding Affinity, and Preliminary in Vitro Evaluation in Colorectal Cancer. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 177-181.	2.8	15
70	[^{18}F]FDG-PET/CT and MRI for initial pelvic lymph node staging in patients with cervical carcinoma: The potential usefulness of [^{18}F]FDG-PET/MRI. <i>Oncology Letters</i> , 2018, 15, 3951-3956.	1.8	4
71	A new method measuring the interaction of radiotracers with the human P-glycoprotein (P-gp) transporter. <i>Nuclear Medicine and Biology</i> , 2018, 60, 29-36.	0.6	5
72	[^{11}C]acetate PET as a tool for diagnosis of liver steatosis. <i>Abdominal Radiology</i> , 2018, 43, 2963-2969.	2.1	3

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73	Probing the association between serotonin-1A autoreceptor binding and amygdala reactivity in healthy volunteers. <i>NeuroImage</i> , 2018, 171, 1-5.	4.2	6
74	Spatial analysis and high resolution mapping of the human whole-brain transcriptome for integrative analysis in neuroimaging. <i>NeuroImage</i> , 2018, 176, 259-267.	4.2	87
75	Microfluidic ⁶⁸ Ga-labeling: a proof of principle study. <i>Dalton Transactions</i> , 2018, 47, 5997-6004.	3.3	9
76	Changes in Tumor Biology During Chemoradiation of Cervix Cancer Assessed by Multiparametric MRI and Hypoxia PET. <i>Molecular Imaging and Biology</i> , 2018, 20, 160-169.	2.6	16
77	Visual and semiquantitative ¹¹ C-methionine PET: an independent prognostic factor for survival of newly diagnosed and treatment-naïve gliomas. <i>Neuro-Oncology</i> , 2018, 20, 411-419.	1.2	22
78	⁶⁸ Ga-PSMA 11 ligand PET imaging in patients with biochemical recurrence after radical prostatectomy – diagnostic performance and impact on therapeutic decision-making. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 235-242.	6.4	89
79	[⁶⁸ Ga]Pentixafor-PET/MRI for the detection of Chemokine receptor 4 expression in atherosclerotic plaques. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 558-566.	6.4	60
80	Influence of OATPs on Hepatic Disposition of Erlotinib Measured With Positron Emission Tomography. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 139-147.	4.7	43
81	Glioma Survival Prediction with Combined Analysis of In Vivo ¹¹ C-MET PET Features, Ex Vivo Features, and Patient Features by Supervised Machine Learning. <i>Journal of Nuclear Medicine</i> , 2018, 59, 892-899.	5.0	94
82	Expanding LogP: Present possibilities. <i>Nuclear Medicine and Biology</i> , 2018, 58, 20-32.	0.6	17
83	Monitoring of plexiform neurofibroma in children and adolescents with neurofibromatosis type 1 by [¹⁸ F]FDG-PET imaging. Is it of value in asymptomatic patients?. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26733.	1.5	35
84	Development and evaluation of a rapid analysis for HEPES determination in ⁶⁸ Ga-radiotracers. <i>EJNMMI Research</i> , 2018, 8, 95.	2.5	8
85	Comparison of fully-automated radiosyntheses of [¹¹ C]erlotinib for preclinical and clinical use starting from in target produced [¹¹ C]CO ₂ or [¹¹ C]CH ₄ . <i>EJNMMI Radiopharmacy and Chemistry</i> , 2018, 3, 8.	3.9	10
86	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. <i>Translational Psychiatry</i> , 2018, 8, 198.	4.8	22
87	Molar activity – The keystone in ¹¹ C-radiochemistry: An explorative study using the gas phase method. <i>Nuclear Medicine and Biology</i> , 2018, 67, 21-26.	0.6	4
88	L-[S-methyl- ¹¹ C]methionine – An example of radiosynthetic optimization. <i>Applied Radiation and Isotopes</i> , 2018, 141, 107-111.	1.5	3
89	Effect of Rifampicin on the Distribution of [¹¹ C]Erlotinib to the Liver, a Translational PET Study in Humans and in Mice. <i>Molecular Pharmaceutics</i> , 2018, 15, 4589-4598.	4.6	17
90	Reduced task durations in functional PET imaging with [¹⁸ F]FDG approaching that of functional MRI. <i>NeuroImage</i> , 2018, 181, 323-330.	4.2	59

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91	Preclinical <i>In Vitro</i> and <i>In Vivo</i> Evaluation of [¹⁸ F]FE@SUPPY for Cancer PET Imaging: Limitations of a Xenograft Model for Colorectal Cancer. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-9.	0.8	5
92	An Overview of PET Radiochemistry, Part 1: The Covalent Labels ¹⁸ F, ¹¹ C, and ¹³ N. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1350-1354.	5.0	26
93	PSMA Ligand PET/MRI for Primary Prostate Cancer: Staging Performance and Clinical Impact. <i>Clinical Cancer Research</i> , 2018, 24, 6300-6307.	7.0	112
94	Speed matters to raise molar radioactivity: Fast HPLC shortens the quality control of C-11 PET-tracers. <i>Nuclear Medicine and Biology</i> , 2018, 57, 28-33.	0.6	12
95	Clinical Value of 18F-FDOPA PET/CT With Contrast Enhancement and Without Carbidopa Premedication in Patients with Insulinoma. <i>Anticancer Research</i> , 2018, 38, 353-358.	1.1	12
96	**Postprandial pancreatic [¹¹ C]methionine uptake after pancreaticoduodenectomy mirrors basal beta cell function and insulin release. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 509-516.	6.4	3
97	Simple and rapid quantification of serotonin transporter binding using [¹¹ C]DASB bolus plus constant infusion. <i>NeuroImage</i> , 2017, 149, 23-32.	4.2	19
98	New approaches for the reliable in vitro assessment of binding affinity based on high-resolution real-time data acquisition of radioligand-receptor binding kinetics. <i>EJNMMI Research</i> , 2017, 7, 22.	2.5	24
99	Association Between Osteogenesis and Inflammation During the Progression of Calcified Plaque Evaluated by ¹⁸ F-Fluoride and ¹⁸ F-FDG. <i>Journal of Nuclear Medicine</i> , 2017, 58, 968-974.	5.0	40
100	Effect of P-glycoprotein inhibition at the blood-brain barrier on brain distribution of [¹¹ C]verapamil in elderly vs. young subjects. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1991-1999.	2.4	28
101	Association of Protein Distribution and Gene Expression Revealed by PET and Post-Mortem Quantification in the Serotonergic System of the Human Brain. <i>Cerebral Cortex</i> , 2017, 27, 117-130.	2.9	30
102	The influence of the rs6295 gene polymorphism on serotonin-1A receptor distribution investigated with PET in patients with major depression applying machine learning. <i>Translational Psychiatry</i> , 2017, 7, e1150-e1150.	4.8	22
103	Log P , a yesterday's value?. <i>Nuclear Medicine and Biology</i> , 2017, 50, 1-10.	0.6	62
104	In vivo evaluation of radiotracers targeting the melanin-concentrating hormone receptor 1: [¹¹ C]SNAP-7941 and [¹⁸ F]FE@SNAP reveal specific uptake in the ventricular system. <i>Scientific Reports</i> , 2017, 7, 8054.	3.3	6
105	In vivo magnetic resonance imaging of pancreatic tumors using iron oxide nanoworms targeted with PTR86 peptide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 423-430.	5.0	11
106	Impact of hybrid PET/MR technology on multiparametric imaging and treatment response assessment of cervix cancer. <i>Radiotherapy and Oncology</i> , 2017, 125, 420-425.	0.6	25
107	The value of [¹¹ C]-acetate PET and [¹⁸ F]-FDG PET in hepatocellular carcinoma before and after treatment with transarterial chemoembolization and bevacizumab. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1732-1741.	6.4	20
108	Assessment of P-Glycoprotein Transport Activity at the Human Blood-Retina Barrier with [¹¹ C]-Verapamil PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 678-681.	5.0	23

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109	Altered interregional molecular associations of the serotonin transporter in attention deficit/hyperactivity disorder assessed with PET. <i>Human Brain Mapping</i> , 2017, 38, 792-802.	3.6	21
110	Monoamine oxidase A distribution volume as a correlate for electroconvulsive therapy – preliminary results. <i>European Neuropsychopharmacology</i> , 2017, 27, S708-S709.	0.7	1
111	Influence of serotonergic gene variants on serotonin transporter binding in ADHD. <i>European Neuropsychopharmacology</i> , 2017, 27, S707.	0.7	0
112	Reproducibility of Quantitative Brain Imaging Using a PET-Only and a Combined PET/MR System. <i>Frontiers in Neuroscience</i> , 2017, 11, 396.	2.8	8
113	Effects of Selective Serotonin Reuptake Inhibitors on Interregional Relation of Serotonin Transporter Availability in Major Depression. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 48.	2.0	50
114	Multiparametric [¹¹ C]Acetate positron emission tomography-magnetic resonance imaging in the assessment and staging of prostate cancer. <i>PLoS ONE</i> , 2017, 12, e0180790.	2.5	7
115	Development of a radiolabeled caninized anti-EGFR antibody for comparative oncology trials. <i>Oncotarget</i> , 2017, 8, 83128-83141.	1.8	7
116	Multiparametric [¹⁸ F]Fluorodeoxyglucose/ [¹⁸ F]Fluoromisonidazole Positron Emission Tomography/ Magnetic Resonance Imaging of Locally Advanced Cervical Cancer for the Non-Invasive Detection of Tumor Heterogeneity: A Pilot Study. <i>PLoS ONE</i> , 2016, 11, e0155333.	2.5	45
117	PM478. Imaging the effects of d-amphetamine in the human brain for modelling dopaminergic alterations in schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, 74-74.	2.1	1
118	PS168. Hybrid PET/MR imaging of serotonin transporter occupancy and brain activation to elucidate the mechanism of action of selective serotonin reuptake inhibitors. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, 60-61.	2.1	0
119	Quantification of Task-Specific Glucose Metabolism with Constant Infusion of ¹⁸ F-FDG. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1933-1940.	5.0	64
120	Attenuation of habenula – default mode network connectivity by selective serotonin reuptake inhibitors, a pharmacological hybrid PET/MR study. <i>European Neuropsychopharmacology</i> , 2016, 26, S317.	0.7	1
121	Insights into Intrinsic Brain Networks based on Graph Theory and PET in right- compared to left-sided Temporal Lobe Epilepsy. <i>Scientific Reports</i> , 2016, 6, 28513.	3.3	24
122	Neurochemical and behavioral sensitization to d-amphetamine in healthy subjects measured with [¹¹ C]-(+)-PHNO-PET. <i>European Psychiatry</i> , 2016, 33, S105-S106.	0.2	0
123	32nd International Austrian Winter Symposium. <i>EJNMMI Research</i> , 2016, 6, 32.	2.5	0
124	Presurgical evaluation of pediatric epilepsy patients prior to hemispherotomy: the prognostic value of ¹⁸ F-FDG PET. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 683-688.	1.3	9
125	Pilot PET Study to Assess the Functional Interplay Between ABCB1 and ABCG2 at the Human Blood – Brain Barrier. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 100, 131-141.	4.7	50
126	Whole-Body Distribution and Radiation Dosimetry of ¹¹ C-Elacridar and ¹¹ C-Tarividar in Humans. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1265-1268.	5.0	11

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127	Quantitative Assessment of Breast Parenchymal Uptake on ¹⁸ F-FDG PET/CT: Correlation with Age, Background Parenchymal Enhancement, and Amount of Fibroglandular Tissue on MRI. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1518-1522.	5.0	19
128	[¹⁸ F]FMeNER-D2: A systematic in vitro analysis of radio-metabolism. <i>Nuclear Medicine and Biology</i> , 2016, 43, 490-495.	0.6	6
129	[¹⁸ F]FE@SNAP a specific PET tracer for melanin-concentrating hormone receptor 1 imaging?. <i>EJNMMI Research</i> , 2016, 6, 31.	2.5	8
130	Effects of norepinephrine transporter gene variants on NET binding in ADHD and healthy controls investigated by PET. <i>Human Brain Mapping</i> , 2016, 37, 884-895.	3.6	37
131	Development of a Novel Nonpeptidic ¹⁸ F-Labeled Radiotracer for in Vivo Imaging of Oxytocin Receptors with Positron Emission Tomography. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1800-1817.	6.4	17
132	Quantitative assessment of atherosclerotic plaques on ¹⁸ F-FDG PET/MRI: comparison with a PET/CT hybrid system. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1503-1512.	6.4	38
133	P.1.i.047 Interregional changes in serotonin transporter availability upon treatment with selective serotonin reuptake inhibitors. <i>European Neuropsychopharmacology</i> , 2015, 25, S327-S328.	0.7	0
134	Radiosynthesis and first preclinical evaluation of the novel norepinephrine transporter pet-ligand [¹¹ C]ME@HAPTHI. <i>EJNMMI Research</i> , 2015, 5, 113.	2.5	11
135	Evaluation of fatty acid synthase in prostate cancer recurrence: SUV of [¹¹ C]acetate PET as a prognostic marker. <i>Prostate</i> , 2015, 75, 1760-1767.	2.3	28
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