

Wolfgang Wadsak

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

250
papers

5,129
citations

38
h-index

58
g-index

288
ext. papers

6,247
ext. citations

4.9
avg, IF

5.18
L-index

#	Paper	IF	Citations
250	Simultaneous radiomethylation of [C]harmine and [C]DASB and kinetic modeling approach for serotonergic brain imaging in the same individual.. <i>Scientific Reports</i> , 2022 , 12, 3283	4.9	
249	Design, Synthesis, and Biological Evaluation of 4,4-Difluorobenzhydryl Carbamates as Selective M Antagonists.. <i>Pharmaceuticals</i> , 2022 , 15,	5.2	2
248	Learning induces coordinated neuronal plasticity of metabolic demands and functional brain networks.. <i>Communications Biology</i> , 2022 , 5, 428	6.7	0
247	Synthesis, Biological Evaluation, and Docking Studies of Antagonistic Hydroxylated Arecaidine Esters Targeting mAChRs. <i>Molecules</i> , 2022 , 27, 3173	4.8	0
246	Unexpected scaffold rearrangement product of pirenzepine found in commercial samples. <i>Scientific Reports</i> , 2021 , 11, 23397	4.9	
245	First-in-human brain PET imaging of the GluN2B-containing N-methyl-D-aspartate receptor with ()-C-Me-NB1. <i>Journal of Nuclear Medicine</i> , 2021 ,	8.9	4
244	Functional dynamics of dopamine synthesis during monetary reward and punishment processing. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 2973-2985	7.3	4
243	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	7.3	1
242	Update on PET Tracer Development for Muscarinic Acetylcholine Receptors. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
241	A Microdosing Study with 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	8.9	7
240	On the consensus nomenclature rules for radiopharmaceutical chemistry - Reconsideration of radiochemical conversion. <i>Nuclear Medicine and Biology</i> , 2021 , 93, 19-21	2.1	15
239	Supervised machine learning enables non-invasive lesion characterization in primary prostate cancer with [Ga]Ga-PSMA-11 PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1795-1805	8.8	18
238	Prediction of response and survival after standardized treatment with 7400MBq 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	8.8	8
237	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	15.1	11
236	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	5.3	0
235	High-dose testosterone treatment reduces monoamine oxidase A levels in the human brain: A preliminary report. <i>Psychoneuroendocrinology</i> , 2021 , 133, 105381	5	2
234	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	6.5	

233	Association of dopamine D receptor binding potential measured using PET and [C]-(+)-PHNO with post-mortem DRD gene expression in the human brain. <i>NeuroImage</i> , 2020 , 223, 117270	7.9	5
232	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	5.1	6
231	Utility of Absolute Quantification in Non-lesional Extratemporal Lobe Epilepsy Using FDG PET/MR Imaging. <i>Frontiers in Neurology</i> , 2020 , 11, 54	4.1	11
230	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D receptor agonist radioligand study. <i>Translational Psychiatry</i> , 2020 , 10, 2	8.6	17
229	Machine learning classification of ADHD and HC by multimodal serotonergic data. <i>Translational Psychiatry</i> , 2020 , 10, 104	8.6	17
228	STAT3-dependent analysis reveals PDK4 as independent predictor of recurrence in prostate cancer. <i>Molecular Systems Biology</i> , 2020 , 16, e9247	12.2	15
227	Reconfiguration of functional brain networks and metabolic cost converge during task performance. <i>ELife</i> , 2020 , 9,	8.9	15
226	Response assessment using [Ga]Ga-PSMA ligand PET in patients undergoing systemic therapy for metastatic castration-resistant prostate cancer. <i>Prostate</i> , 2020 , 80, 74-82	4.2	27
225	Clinical outcome of standardized 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	8.8	25
224	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	6.8	5
223	Synthesis, Biological, and Computational Evaluation of Antagonistic, Chiral Hydrobenzoin Esters of Arecaidine Targeting mAChR M1. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	3
222	The relationship between cholecystokinin secretion and pancreatic [C]methionine uptake in patients after partial pancreaticoduodenectomy. <i>Annals of Nuclear Medicine</i> , 2020 , 34, 691-695	2.5	
221	Brain glucose uptake during transcranial direct current stimulation measured with functional [F]FDG-PET. <i>Brain Imaging and Behavior</i> , 2020 , 14, 477-484	4.1	3
220	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	8.8	51
219	Sex-differences in [Ga]Ga-DOTANOC biodistribution. <i>Nuclear Medicine and Biology</i> , 2019 , 76-77, 15-20	2.1	2
218	PIK3CA Mutational Status Is Associated with High Glycolytic Activity in ER+/HER2- Early Invasive Breast Cancer: a Molecular Imaging Study Using [F]FDG PET/CT. <i>Molecular Imaging and Biology</i> , 2019 , 21, 991-1002	3.8	7
217	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	8.6	5
216	Binding Affinity of Some Endogenous and Synthetic TSPO Ligands Regarding the rs6971 Polymorphism. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	7

215	Multimodal [F]FDG PET/CT Is a Direct Readout for Inflammatory Bone Repair: A Longitudinal Study in TNF β Transgenic Mice. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1632-1645	6.3	5
214	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	1.2	8
213	(R)-[F]NEBIFQUINIDE: A promising new PET tracer for TSPO imaging. <i>European Journal of Medicinal Chemistry</i> , 2019 , 176, 410-418	6.8	7
212	Technical Aspect of the Automated Synthesis and Real-Time Kinetic Evaluation of [11C]SNAP-7941. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	2
211	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 ^{1,2}		
210	[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	8.8	25
209	FDG-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	9
208	Characterization of Bone Lesions in Myeloma Before and During Anticancer Therapy Using F-FDG-PET/CT and F-NaF-PET/CT. <i>Anticancer Research</i> , 2019 , 39, 1943-1952	2.3	1
207	The Radiopharmaceutical Chemistry of Carbon-11: Tracers and Applications 2019 , 221-236		1
206	SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [F]FE@SNAP and [C]SNAP-7941. <i>Molecular Imaging and Biology</i> , 2019 , 21, 257-268	3.8	4
205	Prospective non-invasive evaluation of CXCR4 expression for the diagnosis of MALT lymphoma using [Ga]Ga-Pentixafor-PET/MRI. <i>Theranostics</i> , 2019 , 9, 3653-3658	12.1	26
204	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	6.1	3
203	Prospective evaluation of the performance of [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	8.8	19
202	Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , 2019 , 10, 324	5.7	5
201	Synthesis and in vitro evaluation of new translocator protein ligands designed for positron emission tomography. <i>Future Medicinal Chemistry</i> , 2019 , 11, 539-550	4.1	2
200	Toward the Optimization of (+)-[C]PHNO Synthesis: Time Reduction and Process Validation. <i>Contrast Media and Molecular Imaging</i> , 2019 , 2019, 4292596	3.2	1
199	Pitfalls and solutions of the fully-automated radiosynthesis of [C]metoclopramide. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019 , 4, 31	5.8	3
198	Sequential [F]FDG-[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, 1307247	3.2	5

197	Attenuation Correction Approaches for Serotonin Transporter Quantification With PET/MRI. <i>Frontiers in Physiology</i> , 2019 , 10, 1422	4.6	5
196	Response assessment using Ga-PSMA ligand PET in patients undergoing Lu-PSMA radioligand therapy for metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1063-1072	8.8	63
195	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	5.1	13
194	Impact of P-Glycoprotein Function on the Brain Kinetics of the Weak Substrate C-Metoclopramide Assessed with PET Imaging in Humans. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 985-991	8.9	20
193	Optimization of the Automated Synthesis of [11C]mHED-Administered and Apparent Molar Activities. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	1
192	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	5.1	7
191	A Proof-of-Concept Study to Inhibit ABCG2- and ABCB1-Mediated Efflux Transport at the Human Blood-Brain Barrier. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 486-491	8.9	13
190	[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	4.3	10
189	[F]FDG-PET/CT and MRI for initial pelvic lymph node staging in patients with cervical carcinoma: The potential usefulness of [F]FDG-PET/MRI. <i>Oncology Letters</i> , 2018 , 15, 3951-3956	2.6	1
188	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	2.1	3
187	[C]acetate PET as a tool for diagnosis of liver steatosis. <i>Abdominal Radiology</i> , 2018 , 43, 2963-2969	3	2
186	Probing the association between serotonin-1A autoreceptor binding and amygdala reactivity in healthy volunteers. <i>NeuroImage</i> , 2018 , 171, 1-5	7.9	6
185	Spatial analysis and high resolution mapping of the human whole-brain transcriptome for integrative analysis in neuroimaging. <i>NeuroImage</i> , 2018 , 176, 259-267	7.9	45
184	Microfluidic Ga-labeling: a proof of principle study. <i>Dalton Transactions</i> , 2018 , 47, 5997-6004	4.3	6
183	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	3.8	11
182	Visual and semiquantitative 11C-methionine PET: an independent prognostic factor for survival of newly diagnosed and treatment-naïve gliomas. <i>Neuro-Oncology</i> , 2018 , 20, 411-419	1	10
181	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	8.8	73
180	[68Ga]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	8.8	43

179	Influence of OATPs on Hepatic Disposition of Erlotinib Measured With Positron Emission Tomography. <i>Clinical Pharmacology and Therapeutics</i> , 2018 , 104, 139-147	6.1	31
178	Preclinical and Evaluation of [F]FE@SUPPY for Cancer PET Imaging: Limitations of a Xenograft Model for Colorectal Cancer. <i>Contrast Media and Molecular Imaging</i> , 2018 , 2018, 1269830	3.2	4
177	An Overview of PET Radiochemistry, Part 1: The Covalent Labels F, C, and N. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 1350-1354	8.9	16
176	PSMA Ligand PET/MRI for Primary Prostate Cancer: Staging Performance and Clinical Impact. <i>Clinical Cancer Research</i> , 2018 , 24, 6300-6307	12.9	67
175	Task-relevant brain networks identified with simultaneous PET/MR imaging of metabolism and connectivity. <i>Brain Structure and Function</i> , 2018 , 223, 1369-1378	4	27
174	Clinical Value of F-FDOPA PET/CT With Contrast Enhancement and Without Carbidopa Premedication in Patients with Insulinoma. <i>Anticancer Research</i> , 2018 , 38, 353-358	2.3	11
173	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	2.1	11
172	Glioma Survival Prediction with Combined Analysis of In Vivo C-MET PET Features, Ex Vivo Features, and Patient Features by Supervised Machine Learning. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 892-899	8.9	62
171	Expanding LogP: Present possibilities. <i>Nuclear Medicine and Biology</i> , 2018 , 58, 20-32	2.1	9
170	Monitoring of plexiform neurofibroma in children and adolescents with neurofibromatosis type 1 by [F]FDG-PET imaging. Is it of value in asymptomatic patients?. <i>Pediatric Blood and Cancer</i> , 2018 , 65, e26733	3	22
169	Development and evaluation of a rapid analysis for HEPES determination in Ga-radiotracers. <i>EJNMMI Research</i> , 2018 , 8, 95	3.6	4
168	Comparison of fully-automated radiosyntheses of [C]erlotinib for preclinical and clinical use starting from in target produced [C]CO or [C]CH. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2018 , 3, 8	5.8	8
167	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. <i>Translational Psychiatry</i> , 2018 , 8, 198	8.6	14
166	Molar activity - The keystone in C-radiochemistry: An explorative study using the gas phase method. <i>Nuclear Medicine and Biology</i> , 2018 , 67, 21-26	2.1	3
165	L-[S-methyl-C]methionine - An example of radiosynthetic optimization. <i>Applied Radiation and Isotopes</i> , 2018 , 141, 107-111	1.7	2
164	Effect of Rifampicin on the Distribution of [C]Erlotinib to the Liver, a Translational PET Study in Humans and in Mice. <i>Molecular Pharmaceutics</i> , 2018 , 15, 4589-4598	5.6	12
163	Reduced task durations in functional PET imaging with [F]FDG approaching that of functional MRI. <i>NeuroImage</i> , 2018 , 181, 323-330	7.9	30
162	**-Postprandial pancreatic [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	8.8	3

161	Simple and rapid quantification of serotonin transporter binding using [C]DASB bolus plus constant infusion. <i>NeuroImage</i> , 2017 , 149, 23-32	7.9	16
160	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	3.6	17
159	Association Between Osteogenesis and Inflammation During the Progression of Calcified Plaque Evaluated by F-Fluoride and F-FDG. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 968-974	8.9	26
158	Effect of P-glycoprotein inhibition at the blood-brain barrier on brain distribution of (R)-[C]verapamil in elderly vs. young subjects. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 1991-1999	3.8	20
157	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	5.1	20
156	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	8.6	16
155	LogP, a yesterdays value?. <i>Nuclear Medicine and Biology</i> , 2017 , 50, 1-10	2.1	44
154	In vivo evaluation of radiotracers targeting the melanin-concentrating hormone receptor 1: [C]SNAP-7941 and [F]FE@SNAP reveal specific uptake in the ventricular system. <i>Scientific Reports</i> , 2017 , 7, 8054	4.9	4
153	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	6	7
152	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	5.3	18
151	The value of [C]-acetate PET and [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	8.8	15
150	Assessment of P-Glycoprotein Transport Activity at the Human Blood-Retina Barrier with ()-C-Verapamil PET. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 678-681	8.9	18
149	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	5.9	13
148	Monoamine oxidase A distribution volume as a correlate for electroconvulsive therapy □ preliminary results. <i>European Neuropsychopharmacology</i> , 2017 , 27, S708-S709	1.2	1
147	Influence of serotonergic gene variants on serotonin transporter binding in ADHD. <i>European Neuropsychopharmacology</i> , 2017 , 27, S707	1.2	
146	Reproducibility of Quantitative Brain Imaging Using a PET-Only and a Combined PET/MR System. <i>Frontiers in Neuroscience</i> , 2017 , 11, 396	5.1	5
145	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	3.3	41
144	Multiparametric [11C]Acetate positron emission tomography-magnetic resonance imaging in the assessment and staging of prostate cancer. <i>PLoS ONE</i> , 2017 , 12, e0180790	3.7	6

143	Development of a radiolabeled caninized anti-EGFR antibody for comparative oncology trials. <i>Oncotarget</i> , 2017 , 8, 83128-83141	3.3	7
142	Whole-Body Distribution and Radiation Dosimetry of ¹¹ C-Elacridar and ¹¹ C-Tarividar in Humans. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1265-8	8.9	8
141	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	8.9	16
140	[[¹⁸ F]FMeNER-D2: A systematic in vitro analysis of radio-metabolism. <i>Nuclear Medicine and Biology</i> , 2016 , 43, 490-5	2.1	6
139	[[¹⁸ F]FE@SNAP-a specific PET tracer for melanin-concentrating hormone receptor 1 imaging?. <i>EJNMMI Research</i> , 2016 , 6, 31	3.6	6
138	Effects of norepinephrine transporter gene variants on NET binding in ADHD and healthy controls investigated by PET. <i>Human Brain Mapping</i> , 2016 , 37, 884-95	5.9	29
137	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, 1800-17	8.3	16
136	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, 1503-12	8.8	26
135	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	3.7	35
134	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	5.8	78
133	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	5.8	78
132	Quantification of Task-Specific Glucose Metabolism with Constant Infusion of ¹⁸ F-FDG. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1933-1940	8.9	38
131	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	1.2	0
130	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	4.9	18
129	Neurochemical and behavioral sensitization to d-amphetamine in healthy subjects measured with [¹¹ C]-(+)-PHNO-PET. <i>European Psychiatry</i> , 2016 , 33, S105-S106	6	
128	32nd International Austrian Winter Symposium : Zell am See, the Netherlands. 20-23 January 2016. <i>EJNMMI Research</i> , 2016 , 6, 32	3.6	
127	Presurgical evaluation of pediatric epilepsy patients prior to hemispherotomy: the prognostic value of F-FDG PET. <i>Journal of Neurosurgery: Pediatrics</i> , 2016 , 25, 683-688	2.1	4
126	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, 131-41	6.1	41

125	Parameter evaluation and fully-automated radiosynthesis of [(11)C]harmine for imaging of MAO-A for clinical trials. <i>Applied Radiation and Isotopes</i> , 2015 , 97, 182-187	1.7	11
124	[18F]FE@SUPPY: a suitable PET tracer for the adenosine A3 receptor? An in vivo study in rodents. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 741-9	8.8	5
123	High-Dose Testosterone Treatment Increases Serotonin Transporter Binding in Transgender People. <i>Biological Psychiatry</i> , 2015 , 78, 525-33	7.9	55
122	Interaction between 5-HTTLPR and 5-HT1B genotype status enhances cerebral 5-HT1A receptor binding. <i>NeuroImage</i> , 2015 , 111, 505-12	7.9	7
121	Approaching complete inhibition of P-glycoprotein at the human blood-brain barrier: an (R)-[11C]verapamil PET study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 743-6	7.3	61
120	Hide and seek: a comparative autoradiographic in vitro investigation of the adenosine A3 receptor. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 928-39	8.8	16
119	P.1.i.037 Effects of norepinephrine transporter gene variants on protein binding in patients with ADHD using PET. <i>European Neuropsychopharmacology</i> , 2015 , 25, S321-S322	1.2	
118	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	1.2	
117	Radiosynthesis and first preclinical evaluation of the novel norepinephrine transporter pet-ligand [(11)C]ME@HAPTHI. <i>EJNMMI Research</i> , 2015 , 5, 113	3.6	8
116	Evaluation of fatty acid synthase in prostate cancer recurrence: SUV of [(11) C]acetate PET as a prognostic marker. <i>Prostate</i> , 2015 , 75, 1760-7	4.2	24
115	2-Fluoro-N-methyl-N-(((3S,4S)-4-[2-(trifluoromethyl)phenoxy]-3,4-dihydro-1H-isochromen-3-yl)methyl)ethanamine. <i>MolBank</i> , 2015 , 2015, M858	0.5	
114	1-(3-Amino-1-phenylpropyl)-3-(2-fluorophenyl)-1,3-dihydro-2H-benzimidazol-2-one. <i>MolBank</i> , 2015 , 2015, M867	0.5	
113	Synthesis and in silico evaluation of novel compounds for PET-based investigations of the norepinephrine transporter. <i>Molecules</i> , 2015 , 20, 1712-30	4.8	6
112	2-Fluoro-N-methyl-N-(((3S*,4S*)-4-(2-methylphenoxy)-3,4-dihydro-1H-isochromen-3-yl)methyl)ethanamine. <i>MolBank</i> , 2015 , 2015, M862	0.5	
111	Detection of Bone Metastases Using 11C-Acetate PET in Patients with Prostate Cancer with Biochemical Recurrence. <i>Anticancer Research</i> , 2015 , 35, 6787-91	2.3	12
110	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. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	36
109	In vivo P-glycoprotein function before and after epilepsy surgery. <i>Neurology</i> , 2014 , 83, 1326-31	6.5	31
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4	Functional dynamics of dopamine synthesis during monetary reward and punishment processing		1
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