

# Markus Mitterhauser

## List of Publications by Year in descending order

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Version: 2024-02-01

247  
papers

5,970  
citations

76031

42  
h-index

129628

63  
g-index

275  
all docs

275  
docs citations

275  
times ranked

7789  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of left and right ventricular functional parameters using dynamic dual-tracer [13N]NH <sub>3</sub> and [18F]FDG PET/MRI. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1003-1017.	1.4	6
2	Identification of tumor tissue-derived DNA methylation biomarkers for the detection and therapy response evaluation of metastatic castration resistant prostate cancer in liquid biopsies. <i>Molecular Cancer</i> , 2022, 21, 7.	7.9	10
3	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.	1.6	0
4	Experimental Nuclear Medicine Meets Tumor Biology. <i>Pharmaceuticals</i> , 2022, 15, 227.	1.7	4
5	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, .	0.7	3
6	Feasibility and Optimal Time Point of [68Ga]Gallium-labeled Prostate-specific Membrane Antigen Ligand Positron Emission Tomography Imaging in Patients Undergoing Cytoreductive Surgery After Systemic Therapy for Primary Oligometastatic Prostate Cancer: Implications for Patient Selection and Extent of Surgery. <i>European Urology Open Science</i> , 2022, 40, 117-124.	0.2	1
7	A Microdosing Study with <sup>99m</sup> 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.	2.8	20
8	Thyroid and androgen receptor signaling are antagonized by $\beta$ -Crystallin in prostate cancer. <i>International Journal of Cancer</i> , 2021, 148, 731-747.	2.3	17
9	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.	3.3	72
10	Differential impact of radiation therapy after radical prostatectomy on recurrence patterns: an assessment using [68Ga]Ga-PSMA ligand PET/CT(MRI). <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 439-447.	2.0	0
11	Prediction of response and survival after standardized treatment with 7400 MBq <sup>177</sup> 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.	3.3	21
12	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.	4.1	23
13	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.	1.4	5
14	Response and Toxicity to the Second Course of 3 Cycles of <sup>177</sup> Lu-PSMA Therapy Every 4 Weeks in Patients with Metastatic Castration-Resistant Prostate Cancer. <i>Cancers</i> , 2021, 13, 2489.	1.7	6
15	PSMA Expression in 122 Treatment Naive Glioma Patients Related to Tumor Metabolism in <sup>11</sup> C-Methionine PET and Survival. <i>Journal of Personalized Medicine</i> , 2021, 11, 624.	1.1	11
16	Cross-Modality Imaging of Murine Tumor Vasculature—a Feasibility Study. <i>Molecular Imaging and Biology</i> , 2021, 23, 874-893.	1.3	7
17	Single-lesion Prostate-specific Membrane Antigen Protein Expression (PSMA) and Response to [ <sup>177</sup> Lu]-PSMA-ligand Therapy in Patients with Castration-resistant Prostate Cancer. <i>European Urology Open Science</i> , 2021, 30, 63-66.	0.2	4
18	If It Works, Don't Touch It? A Cell-Based Approach to Studying 2-[ <sup>18</sup> F]FDG Metabolism. <i>Pharmaceuticals</i> , 2021, 14, 910.	1.7	2

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19	Renal and Salivary Gland Functions after Three Cycles of PSMA-617 Therapy Every Four Weeks in Patients with Metastatic Castration-Resistant Prostate Cancer. <i>Current Oncology</i> , 2021, 28, 3692-3704.	0.9	5
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.	1.8	2
21	First-in-human brain PET imaging of the GluN2B-containing N-methyl-D-aspartate receptor with (R)-11C-Me-NB1. <i>Journal of Nuclear Medicine</i> , 2021, , jnumed.121.262427.	2.8	14
22	Immune Checkpoint Inhibitor Therapy Induces Inflammatory Activity in the Large Arteries of Lymphoma Patients under 50 Years of Age. <i>Biology</i> , 2021, 10, 1206.	1.3	3
23	Advancing Biomarker Development Through Convergent Engagement: Summary Report of the 2nd International Danube Symposium on Biomarker Development, Molecular Imaging and Applied Diagnostics; March 14-16, 2018; Vienna, Austria. <i>Molecular Imaging and Biology</i> , 2020, 22, 47-65.	1.3	4
24	Brain glucose uptake during transcranial direct current stimulation measured with functional [18F]FDG-PET. <i>Brain Imaging and Behavior</i> , 2020, 14, 477-484.	1.1	5
25	Response assessment using [ <sup>68</sup> Ga]Ga-PSMA ligand PET in patients undergoing systemic therapy for metastatic castration-resistant prostate cancer. <i>Prostate</i> , 2020, 80, 74-82.	1.2	49
26	Clinical outcome of standardized 177Lu-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.	3.3	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.	2.6	8
28	Immune Checkpoint Inhibitor Therapy Induces Inflammatory Activity in Large Arteries. <i>Circulation</i> , 2020, 142, 2396-2398.	1.6	45
29	The relationship between cholecystokinin secretion and pancreatic [11C]methionine uptake in patients after partial pancreaticoduodenectomy. <i>Annals of Nuclear Medicine</i> , 2020, 34, 691-695.	1.2	0
30	Association of dopamine D2/3 receptor binding potential measured using PET and [11C]-(+)-PHNO with post-mortem DRD2/3 gene expression in the human brain. <i>NeuroImage</i> , 2020, 223, 117270.	2.1	11
31	Sorbitol as a Polar Pharmacological Modifier to Enhance the Hydrophilicity of 99mTc-Tricarbonyl-Based Radiopharmaceuticals. <i>Molecules</i> , 2020, 25, 2680.	1.7	2
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.	1.6	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.	1.1	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.	2.4	25
35	Machine learning classification of ADHD and HC by multimodal serotonergic data. <i>Translational Psychiatry</i> , 2020, 10, 104.	2.4	39
36	Inhibition of Lipid Accumulation in Skeletal Muscle and Liver Cells: A Protective Mechanism of Bilirubin Against Diabetes Mellitus Type 2. <i>Frontiers in Pharmacology</i> , 2020, 11, 636533.	1.6	5

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37	SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [18F]FE@SNAP and [11C]SNAP-7941. <i>Molecular Imaging and Biology</i> , 2019, 21, 257-268.	1.3	5
38	Prospective non-invasive evaluation of CXCR4 expression for the diagnosis of MALT lymphoma using [ <sup>68</sup> Ga]Ga-Pentixafor-PET/MRI. <i>Theranostics</i> , 2019, 9, 3653-3658.	4.6	42
39	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.	1.4	6
40	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. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2169-2177.	3.3	30
41	In vitro Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , 2019, 10, 324.	1.5	6
42	Synthesis and in vitro evaluation of new translocator protein ligands designed for positron emission tomography. <i>Future Medicinal Chemistry</i> , 2019, 11, 539-550.	1.1	3
43	Toward the Optimization of (+)-[11C]PHNO Synthesis: Time Reduction and Process Validation. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-13.	0.4	1
44	Sex-differences in [68Ga]Ga-DOTANOC biodistribution. <i>Nuclear Medicine and Biology</i> , 2019, 76-77, 15-20.	0.3	4
45	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.	2.4	7
46	Binding Affinity of Some Endogenous and Synthetic TSPO Ligands Regarding the rs6971 Polymorphism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 563.	1.8	13
47	Multimodal [18F]FDG PET/CT Is a Direct Readout for Inflammatory Bone Repair: A Longitudinal Study in TNF $\alpha$ Transgenic Mice. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1632-1645.	3.1	8
48	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.	0.3	11
49	(R)-[18F]NEBIFQUINIDE: A promising new PET tracer for TSPO imaging. <i>European Journal of Medicinal Chemistry</i> , 2019, 176, 410-418.	2.6	14
50	Technical Aspect of the Automated Synthesis and Real-Time Kinetic Evaluation of [ <sup>11</sup> C]SNAP-7941. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	2
51	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.	0.3	0
52	Characterization of Bone Lesions in Myeloma Before and During Anticancer Therapy Using [ <sup>18</sup> F]F-FDG-PET/CT and [ <sup>18</sup> F]F-NaF-PET/CT. <i>Anticancer Research</i> , 2019, 39, 1943-1952.	0.5	3
53	Attenuation Correction Approaches for Serotonin Transporter Quantification With PET/MRI. <i>Frontiers in Physiology</i> , 2019, 10, 1422.	1.3	5
54	Response assessment using 68Ga-PSMA ligand PET in patients undergoing 177Lu-PSMA radioligand therapy for metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1063-1072.	3.3	100

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55	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.	0.7	24
56	Optimization of the Automated Synthesis of [ <sup>11</sup> C]mHED Administered and Apparent Molar Activities. <i>Pharmaceuticals</i> , 2019, 12, 12.	1.7	1
57	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.	1.6	12
58	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, .	0.3	0
59	Task-relevant brain networks identified with simultaneous PET/MR imaging of metabolism and connectivity. <i>Brain Structure and Function</i> , 2018, 223, 1369-1378.	1.2	34
60	[ <sup>18</sup> 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.	1.3	15
61	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.	0.3	5
62	[ <sup>11</sup> C]acetate PET as a tool for diagnosis of liver steatosis. <i>Abdominal Radiology</i> , 2018, 43, 2963-2969.	1.0	3
63	Assessment of Ketamine Binding of the Serotonin Transporter in Humans with Positron Emission Tomography. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 145-153.	1.0	22
64	Probing the association between serotonin-1A autoreceptor binding and amygdala reactivity in healthy volunteers. <i>NeuroImage</i> , 2018, 171, 1-5.	2.1	6
65	Spatial analysis and high resolution mapping of the human whole-brain transcriptome for integrative analysis in neuroimaging. <i>NeuroImage</i> , 2018, 176, 259-267.	2.1	87
66	Microfluidic <sup>68</sup> Ga-labeling: a proof of principle study. <i>Dalton Transactions</i> , 2018, 47, 5997-6004.	1.6	9
67	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.	1.3	16
68	Visual and semiquantitative <sup>11</sup> C-methionine PET: an independent prognostic factor for survival of newly diagnosed and treatment-naïve gliomas. <i>Neuro-Oncology</i> , 2018, 20, 411-419.	0.6	22
69	[ <sup>68</sup> 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.	3.3	60
70	Glioma Survival Prediction with Combined Analysis of In Vivo <sup>11</sup> C-MET PET Features, Ex Vivo Features, and Patient Features by Supervised Machine Learning. <i>Journal of Nuclear Medicine</i> , 2018, 59, 892-899.	2.8	94
71	Expanding LogP: Present possibilities. <i>Nuclear Medicine and Biology</i> , 2018, 58, 20-32.	0.3	17
72	EANM guideline for radionuclide therapy with radium-223 of metastatic castration-resistant prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 824-845.	3.3	108

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73	Development and evaluation of a rapid analysis for HEPES determination in <sup>68</sup> Ga-radiotracers. EJNMMI Research, 2018, 8, 95.	1.1	8
74	Comparison of fully-automated radiosyntheses of [ <sup>11</sup> C]erlotinib for preclinical and clinical use starting from in target produced [ <sup>11</sup> C]CO <sub>2</sub> or [ <sup>11</sup> C]CH <sub>4</sub> . EJNMMI Radiopharmacy and Chemistry, 2018, 3, 8.	1.8	10
75	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. Translational Psychiatry, 2018, 8, 198.	2.4	22
76	EGFR is required for FOS-dependent bone tumor development via RSK2/CREB signaling. EMBO Molecular Medicine, 2018, 10, .	3.3	24
77	Molar activity – The keystone in <sup>11</sup> C-radiochemistry: An explorative study using the gas phase method. Nuclear Medicine and Biology, 2018, 67, 21-26.	0.3	4
78	L-[S-methyl- <sup>11</sup> C]methionine – An example of radiosynthetic optimization. Applied Radiation and Isotopes, 2018, 141, 107-111.	0.7	3
79	Reduced task durations in functional PET imaging with [ <sup>18</sup> F]FDG approaching that of functional MRI. NeuroImage, 2018, 181, 323-330.	2.1	59
80	Preclinical <i>In Vitro</i> and <i>In Vivo</i> Evaluation of [ <sup>18</sup> F]FE@SUPPY for Cancer PET Imaging: Limitations of a Xenograft Model for Colorectal Cancer. Contrast Media and Molecular Imaging, 2018, 2018, 1-9.	0.4	5
81	An Overview of PET Radiochemistry, Part 1: The Covalent Labels <sup>18</sup> F, <sup>11</sup> C, and <sup>13</sup> N. Journal of Nuclear Medicine, 2018, 59, 1350-1354.	2.8	26
82	PSMA Ligand PET/MRI for Primary Prostate Cancer: Staging Performance and Clinical Impact. Clinical Cancer Research, 2018, 24, 6300-6307.	3.2	112
83	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.	0.3	12
84	**Postprandial pancreatic [ <sup>11</sup> C]methionine uptake after pancreaticoduodenectomy mirrors basal beta cell function and insulin release. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 509-516.	3.3	3
85	Simple and rapid quantification of serotonin transporter binding using [ <sup>11</sup> C]DASB bolus plus constant infusion. NeuroImage, 2017, 149, 23-32.	2.1	19
86	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.	1.1	24
87	Association Between Osteogenesis and Inflammation During the Progression of Calcified Plaque Evaluated by <sup>18</sup> F-Fluoride and <sup>18</sup> F-FDG. Journal of Nuclear Medicine, 2017, 58, 968-974.	2.8	40
88	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.	1.6	30
89	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.	2.4	22
90	Log P , a yesterday's value?. Nuclear Medicine and Biology, 2017, 50, 1-10.	0.3	62

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91	In vivo evaluation of radiotracers targeting the melanin-concentrating hormone receptor 1: [11C]SNAP-7941 and [18F]FE@SNAP reveal specific uptake in the ventricular system. <i>Scientific Reports</i> , 2017, 7, 8054.	1.6	6
92	Reconsider logP!. <i>Nuclear Medicine and Biology</i> , 2017, 54, 42.	0.3	3
93	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.	2.5	11
94	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.	0.3	25
95	The value of [11C]-acetate PET and [18F]-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.	3.3	20
96	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.	1.9	21
97	Monoamine oxidase A distribution volume as a correlate for electroconvulsive therapy “ preliminary results. <i>European Neuropsychopharmacology</i> , 2017, 27, S708-S709.	0.3	1
98	Influence of serotonergic gene variants on serotonin transporter binding in ADHD. <i>European Neuropsychopharmacology</i> , 2017, 27, S707.	0.3	0
99	Investigating dose dependency of ketamine binding on the serotonin transporter with positron emission tomography. <i>European Neuropsychopharmacology</i> , 2017, 27, S779.	0.3	0
100	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.	1.0	50
101	Multiparametric [11C]Acetate positron emission tomography-magnetic resonance imaging in the assessment and staging of prostate cancer. <i>PLoS ONE</i> , 2017, 12, e0180790.	1.1	7
102	Development of a radiolabeled caninized anti-EGFR antibody for comparative oncology trials. <i>Oncotarget</i> , 2017, 8, 83128-83141.	0.8	7
103	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. <i>PLoS ONE</i> , 2016, 11, e0155333.	1.1	45
104	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.	1.0	1
105	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.	1.0	0
106	Quantification of Task-Specific Glucose Metabolism with Constant Infusion of <sup>18</sup> F-FDG. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1933-1940.	2.8	64
107	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.	0.3	1
108	Neurochemical and behavioral sensitization to d-amphetamine in healthy subjects measured with [ <sup>11</sup> C]-(+)-PHNO-PET. <i>European Psychiatry</i> , 2016, 33, S105-S106.	0.1	0

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109	[18F]FMeNER-D2: A systematic in vitro analysis of radio-metabolism. Nuclear Medicine and Biology, 2016, 43, 490-495.	0.3	6
110	[18F]FE@SNAPâ€™a specific PET tracer for melanin-concentrating hormone receptor 1 imaging?. EJNMMI Research, 2016, 6, 31.	1.1	8
111	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.	1.9	37
112	Development of a Novel Nonpeptidic <sup>18</sup>F-Labeled Radiotracer for in Vivo Imaging of Oxytocin Receptors with Positron Emission Tomography. Journal of Medicinal Chemistry, 2016, 59, 1800-1817.	2.9	17
113	Clinical Value of 18F-fluorodihydroxyphenylalanine Positron Emission Tomography/Contrast-enhanced Computed Tomography (18F-DOPA PET/CT) in Patients with Suspected Parangioma. Anticancer Research, 2016, 36, 4187-93.	0.5	3
114	P.1.i.047 Interregional changes in serotonin transporter availability upon treatment with selective serotonin reuptake inhibitors. European Neuropsychopharmacology, 2015, 25, S327-S328.	0.3	0
115	Radiosynthesis and first preclinical evaluation of the novel norepinephrine transporter pet-ligand [11C]ME@HAPTHI. EJNMMI Research, 2015, 5, 113.	1.1	11
116	Evaluation of fatty acid synthase in prostate cancer recurrence: SUV of [ <sup>11</sup> C]acetate PET as a prognostic marker. Prostate, 2015, 75, 1760-1767.	1.2	28
117	2-Fluoro-N-methyl-N-({(3S,4S)-4-[2-(trifluoromethyl)phenoxy]-3,4-dihydro-1H-isochromen-3-yl)methyl}ethanamine. MolBank, 2015, 2015, M858.	0.2	0
118	1-(3-Amino-1-phenylpropyl)-3-(2-fluorophenyl)-1,3-dihydro-2H-benzimidazol-2-one. MolBank, 2015, 2015, M867.	0.2	0
119	Synthesis and in Silico Evaluation of Novel Compounds for PET-Based Investigations of the Norepinephrine Transporter. Molecules, 2015, 20, 1712-1730.	1.7	6
120	2-Fluoro-N-methyl-N-[(3S*,4S*)-4-(2-methylphenoxy)-3,4-dihydro-1H-isochromen-3-yl]methyl}ethanamine. MolBank, 2015, 2015, M862.	0.2	0
121	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.	0.7	16
122	[18F]FE@SUPPY: a suitable PET tracer for the adenosine A3 receptor? An in vivo study in rodents. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 741-749.	3.3	5
123	High-Dose Testosterone Treatment Increases Serotonin Transporter Binding in Transgender People. Biological Psychiatry, 2015, 78, 525-533.	0.7	75
124	Interaction between 5-HTTLPR and 5-HT1B genotype status enhances cerebral 5-HT1A receptor binding. NeuroImage, 2015, 111, 505-512.	2.1	12
125	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.	3.3	17
126	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.	1.0	49



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127	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.	0.3	0
128	Detection of Bone Metastases Using <sup>11</sup> C-Acetate PET in Patients with Prostate Cancer with Biochemical Recurrence. <i>Anticancer Research</i> , 2015, 35, 6787-91.	0.5	15
129	A One-Step Microwave-Assisted Synthetic Method for an O/S-Chemoselective Route to Derivatives of the First Adenosine A3 PET Radiotracer. <i>Molecules</i> , 2014, 19, 4076-4082.	1.7	0
130	<sup>11</sup> C-Methionine PET/CT Imaging of <sup>99m</sup> Tc-MIBI-SPECT/CT-Negative Patients With Primary Hyperparathyroidism and Previous Neck Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 4199-4205.	1.8	32
131	Attenuated serotonin transporter association between dorsal raphe and ventral striatum in major depression. <i>Human Brain Mapping</i> , 2014, 35, 3857-3866.	1.9	50
132	The Norepinephrine Transporter in Attention-Deficit/Hyperactivity Disorder Investigated With Positron Emission Tomography. <i>JAMA Psychiatry</i> , 2014, 71, 1340.	6.0	44
133	Imaging Biomarkers or Biomarker Imaging?. <i>Pharmaceuticals</i> , 2014, 7, 765-778.	1.7	13
134	Effects of hormone replacement therapy on cerebral serotonin-1A receptor binding in postmenopausal women examined with [carbonyl- <sup>11</sup> C]WAY-100635. <i>Psychoneuroendocrinology</i> , 2014, 45, 1-10.	1.3	23
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