

Markus Mitterhauser

List of Publications by Year in descending order

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Version: 2024-02-01

247
papers

5,970
citations

66343

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63
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275
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275
docs citations

275
times ranked

7136
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Reduced Serotonin-1A Receptor Binding in Social Anxiety Disorder. <i>Biological Psychiatry</i> , 2007, 61, 1081-1089. | 1.3 | 276 |
| 2 | Normative database of the serotonergic system in healthy subjects using multi-tracer PET. <i>NeuroImage</i> , 2012, 63, 447-459. | 4.2 | 126 |
| 3 | Prediction of SSRI treatment response in major depression based on serotonin transporter interplay between median raphe nucleus and projection areas. <i>NeuroImage</i> , 2012, 63, 874-881. | 4.2 | 124 |
| 4 | Synthesis of fluorine-18-labeled ciprofloxacin for PET studies in humans. <i>Nuclear Medicine and Biology</i> , 2003, 30, 285-291. | 0.6 | 123 |
| 5 | ¹¹ C-Acetate Positron Emission Tomography Imaging and Image Fusion With Computed Tomography and Magnetic Resonance Imaging in Patients With Recurrent Prostate Cancer. <i>Journal of Clinical Oncology</i> , 2006, 24, 2513-2519. | 1.6 | 114 |
| 6 | 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 |
| 7 | Differential modulation of the default mode network via serotonin-1A receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2619-2624. | 7.1 | 109 |
| 8 | Pgp-Mediated Interaction Between (R)-[¹¹ C]Verapamil and Tariquidar at the Human Blood-Brain Barrier: A Comparison With Rat Data. <i>Clinical Pharmacology and Therapeutics</i> , 2012, 91, 227-233. | 4.7 | 108 |
| 9 | 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. | 6.4 | 108 |
| 10 | Basics and principles of radiopharmaceuticals for PET/CT. <i>European Journal of Radiology</i> , 2010, 73, 461-469. | 2.6 | 104 |
| 11 | 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 |
| 12 | Global decrease of serotonin-1A receptor binding after electroconvulsive therapy in major depression measured by PET. <i>Molecular Psychiatry</i> , 2013, 18, 93-100. | 7.9 | 98 |
| 13 | Sorafenib attenuates the portal hypertensive syndrome in partial portal vein ligated rats. <i>Journal of Hepatology</i> , 2009, 51, 865-873. | 3.7 | 95 |
| 14 | 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 |
| 15 | Positron emission tomography imaging of adrenal masses: ¹⁸ F-fluorodeoxyglucose and the ¹¹ C-hydroxylase tracer ¹¹ C-metomidate. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004, 31, 1224-30. | 6.4 | 93 |
| 16 | Influence of escitalopram treatment on 5-HT _{1A} receptor binding in limbic regions in patients with anxiety disorders. <i>Molecular Psychiatry</i> , 2009, 14, 1040-1050. | 7.9 | 87 |
| 17 | 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 |
| 18 | Aggression is related to frontal serotonin-1A receptor distribution as revealed by PET in healthy subjects. <i>Human Brain Mapping</i> , 2009, 30, 2558-2570. | 3.6 | 84 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | High-Dose Testosterone Treatment Increases Serotonin Transporter Binding in Transgender People. Biological Psychiatry, 2015, 78, 525-533. | 1.3 | 75 |
| 21 | 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 |
| 22 | Lateralization of the serotonin-1A receptor distribution in language areas revealed by PET. NeuroImage, 2009, 45, 598-605. | 4.2 | 72 |
| 23 | 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 |
| 24 | Quantification of Task-Specific Glucose Metabolism with Constant Infusion of ¹⁸ F-FDG. Journal of Nuclear Medicine, 2016, 57, 1933-1940. | 5.0 | 64 |
| 25 | 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 |
| 26 | Log P , a yesterday's value?. Nuclear Medicine and Biology, 2017, 50, 1-10. | 0.6 | 62 |
| 27 | [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 |
| 28 | 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 |
| 29 | Reduced task durations in functional PET imaging with [18F]FDG approaching that of functional MRI. NeuroImage, 2018, 181, 323-330. | 4.2 | 59 |
| 30 | 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 |
| 31 | [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 |
| 32 | 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 |
| 33 | Regional differences in SERT occupancy after acute and prolonged SSRI intake investigated by brain PET. NeuroImage, 2014, 88, 252-262. | 4.2 | 54 |
| 34 | Escitalopram Enhances the Association of Serotonin-1A Autoreceptors to Heteroreceptors in Anxiety Disorders. Journal of Neuroscience, 2010, 30, 14482-14489. | 3.6 | 52 |
| 35 | Attenuated serotonin transporter association between dorsal raphe and ventral striatum in major depression. Human Brain Mapping, 2014, 35, 3857-3866. | 3.6 | 50 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | 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> , 2015, 18, pyu063-pyu063. | 2.1 | 49 |
| 38 | 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 |
| 39 | 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. | 6.4 | 46 |
| 40 | Interaction of [¹¹ C]-Tariquidar and [¹¹ C]-Elacridar with P-Glycoprotein and Breast Cancer Resistance Protein at the Human Blood-Brain Barrier. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1181-1187. | 5.0 | 45 |
| 41 | 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. | 2.5 | 45 |
| 42 | Immune Checkpoint Inhibitor Therapy Induces Inflammatory Activity in Large Arteries. <i>Circulation</i> , 2020, 142, 2396-2398. | 1.6 | 45 |
| 43 | The Norepinephrine Transporter in Attention-Deficit/Hyperactivity Disorder Investigated With Positron Emission Tomography. <i>JAMA Psychiatry</i> , 2014, 71, 1340. | 11.0 | 44 |
| 44 | Biological evaluation of 2- ¹⁸ F-fluoroflumazenil ([18F]FFMZ), a potential GABA receptor ligand for PET. <i>Nuclear Medicine and Biology</i> , 2004, 31, 291-295. | 0.6 | 43 |
| 45 | 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 |
| 46 | Gadoxetate-enhanced versus diffusion-weighted MRI for fused Ga-68-DOTANOC PET/MRI in patients with neuroendocrine tumours of the upper abdomen. <i>European Radiology</i> , 2013, 23, 1978-1985. | 4.5 | 41 |
| 47 | 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 |
| 48 | Pioglitazone decreases portosystemic shunting by modulating inflammation and angiogenesis in cirrhotic and non-cirrhotic portal hypertensive rats. <i>Journal of Hepatology</i> , 2014, 60, 1135-1142. | 3.7 | 39 |
| 49 | Machine learning classification of ADHD and HC by multimodal serotonergic data. <i>Translational Psychiatry</i> , 2020, 10, 104. | 4.8 | 39 |
| 50 | New aspects on the preparation of [11C]Methionine—a simple and fast online approach without preparative HPLC. <i>Applied Radiation and Isotopes</i> , 2005, 62, 441-445. | 1.5 | 38 |
| 51 | Pre vivo, ex vivo and in vivo evaluations of [68Ga]-EDTMP. <i>Nuclear Medicine and Biology</i> , 2007, 34, 391-397. | 0.6 | 37 |
| 52 | Central serotonin 1A receptor binding in temporal lobe epilepsy: A [carbonyl-11C]WAY-100635 PET study. <i>Epilepsy and Behavior</i> , 2010, 19, 467-473. | 1.7 | 37 |
| 53 | In vivo P-glycoprotein function before and after epilepsy surgery. <i>Neurology</i> , 2014, 83, 1326-1331. | 1.1 | 37 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | In vivo and in vitro evaluation of [¹⁸ F]FETO with respect to the adrenocortical and GABAergic system in rats. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1398-1401. | 6.4 | 35 |
| 56 | 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 |
| 57 | [¹⁸ F]FETO for adrenocortical PET imaging: a pilot study in healthy volunteers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 669-672. | 6.4 | 33 |
| 58 | Multimodal imaging of human early visual cortex by combining functional and molecular measurements with fMRI and PET. <i>NeuroImage</i> , 2008, 41, 204-211. | 4.2 | 32 |
| 59 | ¹¹ C-Methionine PET/CT Imaging of ^{99m} 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. | 3.6 | 32 |
| 60 | 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 |
| 61 | 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 |
| 62 | Simple and fully automated preparation of [carbonyl- ¹¹ C]WAY-100635. <i>Radiochimica Acta</i> , 2007, 95, . | 1.2 | 28 |
| 63 | Preparation and first evaluation of [¹⁸ F]FE@SUPPY: a new PET tracer for the adenosine A3 receptor. <i>Nuclear Medicine and Biology</i> , 2008, 35, 61-66. | 0.6 | 28 |
| 64 | [¹⁸ F]FE@SNAP A new PET tracer for the melanin concentrating hormone receptor 1 (MCHR1): Microfluidic and vessel-based approaches. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5936-5940. | 3.0 | 28 |
| 65 | Cerebral serotonin transporter asymmetry in females, males and male-to-female transsexuals measured by PET in vivo. <i>Brain Structure and Function</i> , 2014, 219, 171-183. | 2.3 | 28 |
| 66 | 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 |
| 67 | Preparation and pre-vivo evaluation of no-carrier-added, carrier-added and cross-complexed [⁶⁸ Ga]-EDTMP formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 68, 406-412. | 4.3 | 27 |
| 68 | Simple and rapid preparation of [¹¹ C]DASB with high quality and reliability for routine applications. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1654-1660. | 1.5 | 27 |
| 69 | Serotonin-1A receptor binding is positively associated with gray matter volume A multimodal neuroimaging study combining PET and structural MRI. <i>NeuroImage</i> , 2012, 63, 1091-1098. | 4.2 | 27 |
| 70 | Optimization of the radiosynthesis of the Alzheimer tracer 2-(4-N-[¹¹ C]methylaminophenyl)-6-hydroxybenzothiazole ([¹¹ C]PIB). <i>Applied Radiation and Isotopes</i> , 2011, 69, 1212-1217. | 1.5 | 26 |
| 71 | 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 |
| 72 | Microfluidic preparation of [¹⁸ F]FE@SUPPY and [¹⁸ F]FE@SUPPY:2 comparison with conventional radiosyntheses. <i>Nuclear Medicine and Biology</i> , 2011, 38, 427-434. | 0.6 | 25 |

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|----|--|-----|-----------|
| 73 | Radiolabeling of [18F]altanserin – a microfluidic approach. <i>Nuclear Medicine and Biology</i> , 2012, 39, 1087-1092. | 0.6 | 25 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | EGFR is required for FOS-dependent bone tumor development via RSK2/CREB signaling. <i>EMBO Molecular Medicine</i> , 2018, 10, . | 6.9 | 24 |
| 78 | 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 |
| 79 | Effects of hormone replacement therapy on cerebral serotonin-1A receptor binding in postmenopausal women examined with [carbonyl-11C]WAY-100635. <i>Psychoneuroendocrinology</i> , 2014, 45, 1-10. | 2.7 | 23 |
| 80 | 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 |
| 81 | Synthesis of [18F]FETO, a novel potential 11- β hydroxylase inhibitor. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2003, 46, 379-388. | 1.0 | 22 |
| 82 | 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 |
| 83 | Assessment of Ketamine Binding of the Serotonin Transporter in Humans with Positron Emission Tomography. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 145-153. | 2.1 | 22 |
| 84 | 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. | 1.2 | 22 |
| 85 | Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. <i>Translational Psychiatry</i> , 2018, 8, 198. | 4.8 | 22 |
| 86 | 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 |
| 87 | 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 |
| 88 | Prediction of response and survival after standardized treatment with 7400 MBq 177Lu-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 |
| 89 | Binding studies of [18F]-fluoride and polyphosphonates radiolabelled with [99mTc], [111In], [153Sm] and [188Re] on bone compartments: Verification of the pre vivo model?. <i>Bone</i> , 2005, 37, 404-412. | 2.9 | 20 |
| 90 | 18F fluoroethylations: different strategies for the rapid translation of 11C-methylated radiotracers. <i>Nuclear Medicine and Biology</i> , 2007, 34, 1019-1028. | 0.6 | 20 |

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|-----|--|-----|-----------|
| 91 | Preclinical in vitro & in vivo evaluation of [11C]SNAP-7941 – the first PET tracer for the melanin concentrating hormone receptor 1. Nuclear Medicine and Biology, 2013, 40, 919-925. | 0.6 | 20 |
| 92 | 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 |
| 93 | 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 |
| 94 | 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 |
| 95 | New aspects on the preparation of [11C]acetate – a simple and fast approach via distillation. Applied Radiation and Isotopes, 2004, 61, 1147-1150. | 1.5 | 19 |
| 96 | [18F]FETO: metabolic considerations. European Journal of Nuclear Medicine and Molecular Imaging, 2006, 33, 928-931. | 6.4 | 19 |
| 97 | 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 |
| 98 | 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 |
| 99 | Simple and rapid quantification of serotonin transporter binding using [11C]DASB bolus plus constant infusion. NeuroImage, 2017, 149, 23-32. | 4.2 | 19 |
| 100 | Progesterone Level Predicts Serotonin-1A Receptor Binding in the Male Human Brain. Neuroendocrinology, 2011, 94, 84-88. | 2.5 | 18 |
| 101 | Bone lesion detection with carrier-added ^{99m} Tc-EDTMP in comparison with ^{99m} Tc-DPD. Nuclear Medicine Communications, 2004, 25, 361-365. | 1.1 | 17 |
| 102 | [18F]FMeNER-D2: Reliable fully-automated synthesis for visualization of the norepinephrine transporter. Nuclear Medicine and Biology, 2013, 40, 1049-1054. | 0.6 | 17 |
| 103 | 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 |
| 104 | Development of a Novel Nonpeptidic ¹⁸ F-Labeled Radiotracer for in Vivo Imaging of Oxytocin Receptors with Positron Emission Tomography. Journal of Medicinal Chemistry, 2016, 59, 1800-1817. | 6.4 | 17 |
| 105 | Expanding LogP: Present possibilities. Nuclear Medicine and Biology, 2018, 58, 20-32. | 0.6 | 17 |
| 106 | Thyroid and androgen receptor signaling are antagonized by ¹²⁵ I- β -Crystallin in prostate cancer. International Journal of Cancer, 2021, 148, 731-747. | 5.1 | 17 |
| 107 | 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 |
| 108 | Synthesis and biodistribution of [18F]FE@CIT, a new potential tracer for the dopamine transporter. Synapse, 2005, 55, 73-79. | 1.2 | 16 |

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|-----|--|-----|-----------|
| 109 | Nebivolol treatment increases splanchnic blood flow and portal pressure in cirrhotic rats via modulation of nitric oxide signalling. <i>Liver International</i> , 2013, 33, 561-568. | 3.9 | 16 |
| 110 | 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. | 1.5 | 16 |
| 111 | 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 |
| 112 | Hypothalamic serotonin-1A receptor binding measured by PET predicts the plasma level of dehydroepiandrosterone sulfate in healthy women. <i>Neuroscience Letters</i> , 2010, 476, 161-165. | 2.1 | 15 |
| 113 | [¹⁸ F]FE@SUPPY and [¹⁸ F]FE@SUPPY:2 metabolic considerations. <i>Nuclear Medicine and Biology</i> , 2010, 37, 421-426. | 0.6 | 15 |
| 114 | Radiosynthesis of [¹¹ C]SNAP-7941 the first PET-tracer for the melanin concentrating hormone receptor 1 (MCHR1). <i>Applied Radiation and Isotopes</i> , 2012, 70, 2287-2294. | 1.5 | 15 |
| 115 | [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 |
| 116 | Detection of Bone Metastases Using ¹¹ C-Acetate PET in Patients with Prostate Cancer with Biochemical Recurrence. <i>Anticancer Research</i> , 2015, 35, 6787-91. | 1.1 | 15 |
| 117 | Optimization of [¹¹ C]DASB-synthesis: Vessel-based and flow-through microreactor methods. <i>Applied Radiation and Isotopes</i> , 2012, 70, 2615-2620. | 1.5 | 14 |
| 118 | Preparation and First Preclinical Evaluation of [¹⁸ F]FE@SNAP: A Potential PET Tracer for the Melanin Concentrating Hormone Receptor 1 (MCHR1). <i>Scientia Pharmaceutica</i> , 2013, 81, 625-639. | 2.0 | 14 |
| 119 | (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 |
| 120 | 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 |
| 121 | Imaging Biomarkers or Biomarker Imaging?. <i>Pharmaceutics</i> , 2014, 7, 765-778. | 3.8 | 13 |
| 122 | Impact of COMT genotype on serotonin-1A receptor binding investigated with PET. <i>Brain Structure and Function</i> , 2014, 219, 2017-2028. | 2.3 | 13 |
| 123 | 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 |
| 124 | Radiosynthesis of 3-(2- ¹⁸ F-fluoro)-flumazenil ([¹⁸ F]FFMZ). <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2003, 46, 1229-1240. | 1.0 | 12 |
| 125 | Interaction between 5-HTTLPR and 5-HT1B genotype status enhances cerebral 5-HT1A receptor binding. <i>NeuroImage</i> , 2015, 111, 505-512. | 4.2 | 12 |
| 126 | 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 |

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|-----|---|------|-----------|
| 127 | 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 |
| 128 | Metabolic and pharmacokinetic considerations in the design of 2-phenyl substituted metyrapone derivatives: 2-methoxyphenylmetyrapone as a radioligand for functional diagnosis of adrenal pathology. <i>Nuclear Medicine and Biology</i> , 1995, 22, 1067-1074. | 0.6 | 11 |
| 129 | Labelling of EDTMP (Multibone®) with [111In], [99mTc] and [188Re] using different carriers for cross-complexation. <i>Applied Radiation and Isotopes</i> , 2004, 60, 653-658. | 1.5 | 11 |
| 130 | Imaging of adrenocortical metastases with [11C]metomidate. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006, 33, 974-974. | 6.4 | 11 |
| 131 | Development and automation of a novel NET-PET tracer: [11C]Me@APPI. <i>Nuclear Medicine and Biology</i> , 2013, 40, 295-303. | 0.6 | 11 |
| 132 | Radiosynthesis and first preclinical evaluation of the novel norepinephrine transporter pet-ligand [11C]ME@HAPTHI. <i>EJNMMI Research</i> , 2015, 5, 113. | 2.5 | 11 |
| 133 | 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 |
| 134 | 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 |
| 135 | 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. | 4.2 | 11 |
| 136 | PSMA Expression in 122 Treatment Naive Glioma Patients Related to Tumor Metabolism in 11C-Methionine PET and Survival. <i>Journal of Personalized Medicine</i> , 2021, 11, 624. | 2.5 | 11 |
| 137 | Exploring the Impact of BDNF Val66Met Genotype on Serotonin Transporter and Serotonin-1A Receptor Binding. <i>PLoS ONE</i> , 2014, 9, e106810. | 2.5 | 11 |
| 138 | A general method for the fluorine-18 labelling of fluoroquinolone antibiotics. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2003, 46, 715-727. | 1.0 | 10 |
| 139 | Impact of electroconvulsive therapy on 5-HT1A receptor binding in major depression. <i>Molecular Psychiatry</i> , 2013, 18, 1-1. | 7.9 | 10 |
| 140 | Comparative autoradiographic in vitro investigation of melanin concentrating hormone receptor 1 ligands in the central nervous system. <i>European Journal of Pharmacology</i> , 2014, 735, 177-183. | 3.5 | 10 |
| 141 | Comparison of fully-automated radiosyntheses of [11C]erlotinib for preclinical and clinical use starting from in target produced [11C]CO2 or [11C]CH4. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2018, 3, 8. | 3.9 | 10 |
| 142 | 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 |
| 143 | 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. | 19.2 | 10 |
| 144 | The labelling of Nanocoll® with [111In] for dual-isotope scanning. <i>Applied Radiation and Isotopes</i> , 2003, 59, 337-342. | 1.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | In vitro evaluation of no carrier added, carrier added and cross-complexed [90Y]-EDTMP provides evidence for a novel "foreign carrier theory". Nuclear Medicine and Biology, 2006, 33, 95-99. | 0.6 | 9 |
| 146 | Development of potential selective and reversible pyrazoline based MAO-B inhibitors as MAO-B PET tracer precursors and reference substances for the early detection of Alzheimer's disease. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4490-4495. | 2.2 | 9 |
| 147 | Microfluidic ⁶⁸ Ga-labeling: a proof of principle study. Dalton Transactions, 2018, 47, 5997-6004. | 3.3 | 9 |
| 148 | Comparison of three different purification methods for the routine preparation of [11C] Metomidate. Applied Radiation and Isotopes, 2003, 59, 125-128. | 1.5 | 8 |
| 149 | What to consider in the development of new bone seekers: mechanistic and tracer-related aspects. Nuclear Medicine and Biology, 2008, 35, 817-824. | 0.6 | 8 |
| 150 | Synthesis of in vivo Metabolites of the New Adenosine A3 Receptor PET-Radiotracer [18F]FE@SUPPY. Heterocycles, 2008, 75, 339. | 0.7 | 8 |
| 151 | Synthesis, radiosynthesis and first in vitro evaluation of novel PET-tracers for the dopamine transporter: [11C]IPCIT and [18F]FE@IPCIT. Bioorganic and Medicinal Chemistry, 2013, 21, 7562-7569. | 3.0 | 8 |
| 152 | [18F]FE@SNAP "a specific PET tracer for melanin-concentrating hormone receptor 1 imaging?. EJNMMI Research, 2016, 6, 31. | 2.5 | 8 |
| 153 | Development and evaluation of a rapid analysis for HEPES determination in ⁶⁸ Ga-radiotracers. EJNMMI Research, 2018, 8, 95. | 2.5 | 8 |
| 154 | Multimodal [18F]FDG PET/CT Is a Direct Readout for Inflammatory Bone Repair: A Longitudinal Study in TNF± Transgenic Mice. Journal of Bone and Mineral Research, 2019, 34, 1632-1645. | 2.8 | 8 |
| 155 | Enhanced arecoline derivatives as muscarinic acetylcholine receptor M1 ligands for potential application as PET radiotracers. European Journal of Medicinal Chemistry, 2020, 204, 112623. | 5.5 | 8 |
| 156 | Automatisation and First Evaluation of [18F]FE@SUPPY:2, an Alternative PET-Tracer for the Adenosine A3 Receptor: A Comparison with [18F]FE@SUPPY. The Open Nuclear Medicine Journal, 2009, 1, 15-23. | 0.2 | 8 |
| 157 | Radiosynthesis of the adenosine A3 receptor ligand 5-(2-[18F]fluoroethyl) 2,4-diethyl-3-(ethylsulfanylcarbonyl)- 6-phenylpyridine-5-carboxylate ([18F]FE@SUPPY). Radiochimica Acta, 2008, 96, . | 1.2 | 7 |
| 158 | Epistasis of HTR1A and BDNF risk genes alters cortical 5-HT1A receptor binding: PET results link genotype to molecular phenotype in depression. Translational Psychiatry, 2019, 9, 5. | 4.8 | 7 |
| 159 | Cross-Modality Imaging of Murine Tumor Vasculature "a Feasibility Study. Molecular Imaging and Biology, 2021, 23, 874-893. | 2.6 | 7 |
| 160 | Multiparametric [11C]Acetate positron emission tomography-magnetic resonance imaging in the assessment and staging of prostate cancer. PLoS ONE, 2017, 12, e0180790. | 2.5 | 7 |
| 161 | Development of a radiolabeled caninized anti-EGFR antibody for comparative oncology trials. Oncotarget, 2017, 8, 83128-83141. | 1.8 | 7 |
| 162 | The stability of methyl-, ethyl- and fluoroethylesters against carboxylesterases in vitro: there is no difference. Nuclear Medicine and Biology, 2011, 38, 13-17. | 0.6 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Synthesis and in Silico Evaluation of Novel Compounds for PET-Based Investigations of the Norepinephrine Transporter. <i>Molecules</i> , 2015, 20, 1712-1730. | 3.8 | 6 |
| 164 | [18F]FMeNER-D2: A systematic in vitro analysis of radio-metabolism. <i>Nuclear Medicine and Biology</i> , 2016, 43, 490-495. | 0.6 | 6 |
| 165 | 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. | 3.3 | 6 |
| 166 | Probing the association between serotonin-1A autoreceptor binding and amygdala reactivity in healthy volunteers. <i>NeuroImage</i> , 2018, 171, 1-5. | 4.2 | 6 |
| 167 | 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 |
| 168 | In vitro Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , 2019, 10, 324. | 3.5 | 6 |
| 169 | Assessment of left and right ventricular functional parameters using dynamic dual-tracer [13N]NH ₃ and [18F]FDG PET/MRI. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1003-1017. | 2.1 | 6 |
| 170 | Response and Toxicity to the Second Course of 3 Cycles of 177Lu-PSMA Therapy Every 4 Weeks in Patients with Metastatic Castration-Resistant Prostate Cancer. <i>Cancers</i> , 2021, 13, 2489. | 3.7 | 6 |
| 171 | An in vitro model for the comparative evaluation of bone seeking pharmaceuticals. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2008, 25, 51-55. | 1.5 | 6 |
| 172 | NCA nucleophilic radiofluorination on substituted benzaldehydes for the preparation of [18F]fluorinated aromatic amino acids. <i>Applied Radiation and Isotopes</i> , 2006, 64, 355-359. | 1.5 | 5 |
| 173 | Metabolism and autoradiographic evaluation of [18F]FE@CIT: a Comparison with [123I]β ² -CIT and [123I]FP-CIT. <i>Nuclear Medicine and Biology</i> , 2008, 35, 475-479. | 0.6 | 5 |
| 174 | Radiosynthesis of a novel potential adenosine A ₃ receptor ligand, 5-ethyl 2,4-diethyl-3-((2-[18F]fluoroethyl)sulfanylcarbonyl)-6-phenylpyridine-5-carboxylate ([18F]FE@SUPPY:2). <i>Radiochimica Acta</i> , 2009, 97, 753-758. | 1.2 | 5 |
| 175 | Syntheses of Precursors and Reference Compounds of the Melanin-Concentrating Hormone Receptor 1 (MCHR1) Tracers [11C]SNAP-7941 and [18F]FE@SNAP for Positron Emission Tomography. <i>Molecules</i> , 2013, 18, 12119-12143. | 3.8 | 5 |
| 176 | [18F]FE@SUPPY: a suitable PET tracer for the adenosine A ₃ receptor? An in vivo study in rodents. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 741-749. | 6.4 | 5 |
| 177 | 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 |
| 178 | Preclinical In Vitro and In Vivo 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 |
| 179 | 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. | 2.6 | 5 |
| 180 | Attenuation Correction Approaches for Serotonin Transporter Quantification With PET/MRI. <i>Frontiers in Physiology</i> , 2019, 10, 1422. | 2.8 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | Brain glucose uptake during transcranial direct current stimulation measured with functional [18F]FDG-PET. <i>Brain Imaging and Behavior</i> , 2020, 14, 477-484. | 2.1 | 5 |
| 182 | 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 |
| 183 | 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. | 3.5 | 5 |
| 184 | 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. | 2.2 | 5 |
| 185 | Some new methods for the synthesis of cardiac neurotransmission PET radiotracers. <i>Nuclear Medicine and Biology</i> , 1995, 22, 1037-1043. | 0.6 | 4 |
| 186 | Molar activity $\hat{=}$ The keystone in 11C-radiochemistry: An explorative study using the gas phase method. <i>Nuclear Medicine and Biology</i> , 2018, 67, 21-26. | 0.6 | 4 |
| 187 | Sex-differences in [68Ga]Ga-DOTANOC biodistribution. <i>Nuclear Medicine and Biology</i> , 2019, 76-77, 15-20. | 0.6 | 4 |
| 188 | Advancing Biomarker Development Through Convergent Engagement: Summary Report of the 2nd International Danube Symposium on Biomarker Development, Molecular Imaging and Applied Diagnostics; March 14 $\hat{=}$ 16, 2018; Vienna, Austria. <i>Molecular Imaging and Biology</i> , 2020, 22, 47-65. | 2.6 | 4 |
| 189 | Single-lesion Prostate-specific Membrane Antigen Protein Expression (PSMA) and Response to [177Lu]-PSMA-ligand Therapy in Patients with Castration-resistant Prostate Cancer. <i>European Urology Open Science</i> , 2021, 30, 63-66. | 0.4 | 4 |
| 190 | Experimental Nuclear Medicine Meets Tumor Biology. <i>Pharmaceuticals</i> , 2022, 15, 227. | 3.8 | 4 |
| 191 | Urinary metabolic profile in rat of 1-(2-methoxyphenyl)-2-methyl-2-(3-pyridyl)-1-propanone: a potential radioligand for functional diagnosis of adrenal pathology. <i>Xenobiotica</i> , 1996, 26, 211-219. | 1.1 | 3 |
| 192 | Preparation and radiosynthesis of [18F]FE@CFN (2-[18F]fluoroethyl) Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 Td (4-[N-(1-oxopropyl)-N-receptor imaging agent. <i>Radiochimica Acta</i> , 2007, 95, . | 1.2 | 3 |
| 193 | Quantification of the radio-metabolites of the serotonin-1A receptor radioligand [carbonyl-11C]WAY-100635 in human plasma: An HPLC-assay which enables measurement of two patients in parallel. <i>Applied Radiation and Isotopes</i> , 2012, 70, 2730-2736. | 1.5 | 3 |
| 194 | **-Postprandial pancreatic [11C]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 |
| 195 | Reconsider logP!. <i>Nuclear Medicine and Biology</i> , 2017, 54, 42. | 0.6 | 3 |
| 196 | [11C]acetate PET as a tool for diagnosis of liver steatosis. <i>Abdominal Radiology</i> , 2018, 43, 2963-2969. | 2.1 | 3 |
| 197 | L-[S-methyl-11C]methionine $\hat{=}$ An example of radiosynthetic optimization. <i>Applied Radiation and Isotopes</i> , 2018, 141, 107-111. | 1.5 | 3 |
| 198 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 199 | 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 |
| 200 | Synthesis of [⁶⁸ Ga]Gallium Dota-(Tyr ³)-Octreotide Acetate ([⁶⁸ Ga]-Dotatoc). , 0, , 321-334. | | 3 |
| 201 | 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. | 2.8 | 3 |
| 202 | Clinical Value of ¹⁸ F-fluorodihydroxyphenylalanine Positron Emission Tomography/Contrast-enhanced Computed Tomography (¹⁸ F-DOPA PET/CT) in Patients with Suspected Paraganglioma. <i>Anticancer Research</i> , 2016, 36, 4187-93. | 1.1 | 3 |
| 203 | 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 |
| 204 | Spectral and chromatographic properties of 2-methoxyphenylmetyrapone and its potential metabolites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997, 15, 479-486. | 2.8 | 2 |
| 205 | Radiopharmaceutical considerations on bone seeker uptake: should we learn from therapeutical targets of bisphosphonates?. <i>Nuclear Medicine and Biology</i> , 2011, 38, 617-618. | 0.6 | 2 |
| 206 | The Potential Role of the MCHR1 in Diagnostic Imaging: Facts and Trends. , 0, , . | | 2 |
| 207 | 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 |
| 208 | Sorbitol as a Polar Pharmacological Modifier to Enhance the Hydrophilicity of ^{99m} Tc-Tricarbonyl-Based Radiopharmaceuticals. <i>Molecules</i> , 2020, 25, 2680. | 3.8 | 2 |
| 209 | If It Works, Don't Touch It? A Cell-Based Approach to Studying 2-[¹⁸ F]FDG Metabolism. <i>Pharmaceuticals</i> , 2021, 14, 910. | 3.8 | 2 |
| 210 | 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 |
| 211 | Simultaneous analysis of 2-methoxyphenylmetyrapone and its seven potential metabolites by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1997, 704, 315-323. | 1.7 | 1 |
| 212 | 244 ANGIOGENESIS IN PORTAL HYPERTENSIVE NAD(P)HOXIDASE-KNOCKOUT-MICE IS MEDIATED BY A DIFFERENT PATHWAY THAN IN WILDTYPE ANIMALS. <i>Journal of Hepatology</i> , 2008, 48, S99. | 3.7 | 1 |
| 213 | Segmentation of [¹¹ C]DASB and [¹¹ C]WAY-100635 PET brain images using linear discriminant analysis. <i>NeuroImage</i> , 2010, 52, S155-S156. | 4.2 | 1 |
| 214 | 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 |
| 215 | 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 |
| 216 | Monoamine oxidase A distribution volume as a correlate for electroconvulsive therapy - preliminary results. <i>European Neuropsychopharmacology</i> , 2017, 27, S708-S709. | 0.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 217 | Toward the Optimization of (+)-[11C]PHNO Synthesis: Time Reduction and Process Validation. Contrast Media and Molecular Imaging, 2019, 2019, 1-13. | 0.8 | 1 |
| 218 | Optimization of the Automated Synthesis of [11C]mHED Administered and Apparent Molar Activities. Pharmaceuticals, 2019, 12, 12. | 3.8 | 1 |
| 219 | 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. European Urology Open Science, 2022, 40, 117-124. | 0.4 | 1 |
| 220 | Pharmacokinetics of 2-methoxyphenylmetyrapone and 2-bromophenylmetyrapone in rats. European Journal of Drug Metabolism and Pharmacokinetics, 1999, 24, 23-29. | 1.6 | 0 |
| 221 | Evaluation of novel tropane analogues. Nuclear Medicine and Biology, 2007, 34, 591-592. | 0.6 | 0 |
| 222 | S.07.04 Progesterone and estradiol plasma levels modulate serotonin-1A binding in the human brain. European Neuropsychopharmacology, 2008, 18, S168. | 0.7 | 0 |
| 223 | Label and go A fast and easy radiolabelling method for pellets. Applied Radiation and Isotopes, 2010, 68, 399-403. | 1.5 | 0 |
| 224 | The "Drill & Fill" Method. Scientia Pharmaceutica, 2010, 78, 650-650. | 2.0 | 0 |
| 225 | FC10-05 - Attenuated serotonin transporter association between midbrain and nucleus accumbens in major depression. European Psychiatry, 2011, 26, 1868-1868. | 0.2 | 0 |
| 226 | Multimodal imaging of an astrocytoma affecting the amygdalar region. European Psychiatry, 2011, 26, 924-924. | 0.2 | 0 |
| 227 | Cortisol plasma levels are associated with serotonin - 1A receptor binding in postmenopausal women. European Psychiatry, 2011, 26, 933-933. | 0.2 | 0 |
| 228 | P.4.002 Serotonin transporter ratio between raphe nuclei and projection areas predicts SSRI treatment response in major depression. European Neuropsychopharmacology, 2012, 22, S85. | 0.7 | 0 |
| 229 | P.2.b.044 Serotonin transporter association between dorsal raphe and ventral striatum is diminished in major depression. European Neuropsychopharmacology, 2013, 23, S345. | 0.7 | 0 |
| 230 | A One-Step Microwave-Assisted Synthetic Method for an O/S-Chemoselective Route to Derivatives of the First Adenosine A3 PET Radiotracer. Molecules, 2014, 19, 4076-4082. | 3.8 | 0 |
| 231 | P.1.i.047 Interregional changes in serotonin transporter availability upon treatment with selective serotonin reuptake inhibitors. European Neuropsychopharmacology, 2015, 25, S327-S328. | 0.7 | 0 |
| 232 | 2-Fluoro-N-methyl-N-((3S,4S)-4-[2-(trifluoromethyl)phenoxy]-3,4-dihydro-1H-isochromen-3-yl)methyl)ethanamine. MolBank, 2015, 2015, M858. | 0.5 | 0 |
| 233 | 1-(3-Amino-1-phenylpropyl)-3-(2-fluorophenyl)-1,3-dihydro-2H-benzimidazol-2-one. MolBank, 2015, 2015, M867. | 0.5 | 0 |
| 234 | 2-Fluoro-N-methyl-N-(((3S*,4S*)-4-(2-methylphenoxy)-3,4-dihydro-1H-isochromen-3-yl)methyl)ethanamine. MolBank, 2015, 2015, M862. | 0.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 235 | 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. | 0.7 | 0 |
| 236 | 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 |
| 237 | 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 |
| 238 | Influence of serotonergic gene variants on serotonin transporter binding in ADHD. <i>European Neuropsychopharmacology</i> , 2017, 27, S707. | 0.7 | 0 |
| 239 | Investigating dose dependency of ketamine binding on the serotonin transporter with positron emission tomography. <i>European Neuropsychopharmacology</i> , 2017, 27, S779. | 0.7 | 0 |
| 240 | 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 |
| 241 | 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 |
| 242 | Differential impact of radiation therapy after radical prostatectomy on recurrence patterns: an assessment using [⁶⁸ Ga]Ga-PSMA ligand PET/CT(MRI). <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 439-447. | 3.9 | 0 |
| 243 | Synthesis of 2-(4-N-[¹¹ C]Methylaminophenyl)-6-Hydroxybenzothiazole ([¹¹ C]6-OH-BTA-1; [¹¹ C]PIB). , 0, , 177-189. | | 0 |
| 244 | Synthesis of 3-Amino-4-[2-(N-Methyl-N-[¹¹ C]Methyl-Amino-Methyl)Phenylsulfanyl]-Benzonitrile ([¹¹ C]DASB). , 0, , 285-296. | | 0 |
| 245 | 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 |
| 246 | Adrenal Carcinoma – Radionuclide Imaging. , 2009, , 29-42. | | 0 |
| 247 | Simultaneous radiomethylation of [¹¹ C]harmine and [¹¹ C]DASB and kinetic modeling approach for serotonergic brain imaging in the same individual. <i>Scientific Reports</i> , 2022, 12, 3283. | 3.3 | 0 |