

# Marcus Hacker

## List of Publications by Year in descending order

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269  
papers

6,528  
citations

71102

41  
h-index

110387

64  
g-index

290  
all docs

290  
docs citations

290  
times ranked

7708  
citing authors

#	ARTICLE	IF	CITATIONS
1	[68Ga]DOTA-TATE PET for the detection of early transplant rejection in a heterotopic allograft heart transplantation model of the rat: a pilot study. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2023, 67, .	0.7	2
2	Does [99mTc]-3,3-diphosphono-1,2-propanodicarboxylic acid (DPD) soft tissue uptake allow the identification of patients with the diagnosis of cardiac transthyretin-related (ATTR) amyloidosis with higher risk for polyneuropathy?. Journal of Nuclear Cardiology, 2023, 30, 357-367.	2.1	6
3	Assessment of cerebral glucose metabolism in patients with heart failure by 18F-FDG PET/CT imaging. Journal of Nuclear Cardiology, 2022, 29, 476-488.	2.1	10
4	Accuracy of PET quantification in [68Ga]Ga-pentixafor PET/MR imaging of carotid plaques. Journal of Nuclear Cardiology, 2022, 29, 492-502.	2.1	3
5	Assessment of left and right ventricular functional parameters using dynamic dual-tracer [13N]NH <sub>3</sub> and [18F]FDG PET/MRI. Journal of Nuclear Cardiology, 2022, 29, 1003-1017.	2.1	6
6	Fluorine-18 fluorodeoxyglucose PET/CT is a suitable instrument to show the effects of lipid metabolism disorders on metabolic networks in the living organism. Journal of Nuclear Cardiology, 2022, 29, 1415-1418.	2.1	0
7	Functional Characterization of Adrenocortical Masses in Nononcologic Patients Using <sup>68</sup> Ga-Pentixafor. Journal of Nuclear Medicine, 2022, 63, 368-375.	5.0	11
8	AI-enhanced simultaneous multiparametric 18F-FDG PET/MRI for accurate breast cancer diagnosis. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 596-608.	6.4	30
9	CXCR4 PET/MRI for follow-up of gastric mucosa-associated lymphoid tissue lymphoma after first-line <i>Helicobacter Pylori</i> eradication. Blood, 2022, 139, 240-244.	1.4	22
10	Feasibility of In Vivo Imaging of Fibroblast Activation Protein in Human Arterial Walls. Journal of Nuclear Medicine, 2022, 63, 948-951.	5.0	22
11	Combining body mass index with waist circumference to assess coronary microvascular function in patients with non-obstructive coronary artery disease. Journal of Nuclear Cardiology, 2022, 29, 2434-2445.	2.1	3
12	Active Brown Adipose Tissue Is Associated With a Healthier Metabolic Phenotype in Obesity. Diabetes, 2022, 71, 93-103.	0.6	27
13	Functional Precision Medicine Provides Clinical Benefit in Advanced Aggressive Hematologic Cancers and Identifies Exceptional Responders. Cancer Discovery, 2022, 12, 372-387.	9.4	77
14	Identification of tumor tissue-derived DNA methylation biomarkers for the detection and therapy response evaluation of metastatic castration resistant prostate cancer in liquid biopsies. Molecular Cancer, 2022, 21, 7.	19.2	10
15	Impaired coronary flow reserve in patients with supra-normal left ventricular ejection fraction at rest. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2189-2198.	6.4	3
16	Evaluation of stress myocardial blood flow patterns in patients with apical hypertrophic cardiomyopathy. Journal of Nuclear Cardiology, 2022, 29, 1946-1951.	2.1	3
17	Prognostic value of divergent pattern detection by 99mTc-sestamibi gated SPECT in patients with anterior acute myocardial infarction. Journal of Nuclear Cardiology, 2022, 29, 3115-3122.	2.1	3
18	Simultaneous radiomethylation of [11C]harmine and [11C]DASB and kinetic modeling approach for serotonergic brain imaging in the same individual. Scientific Reports, 2022, 12, 3283.	3.3	0

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19	Design, Synthesis, and Biological Evaluation of 4,4- <sup>18</sup> F-Difluorobenzhydryl Carbamates as Selective M1 Antagonists. <i>Pharmaceuticals</i> , 2022, 15, 248.	3.8	4
20	Imaging of C-X-C Motif Chemokine Receptor 4 Expression in 690 Patients with Solid or Hematologic Neoplasms using <sup>68</sup> Ga-PentixaFor PET. <i>Journal of Nuclear Medicine</i> , 2022, , jnumed.121.263693.	5.0	27
21	Brown Adipose Tissue Prevalence Is Lower in Obesity but Its Metabolic Activity Is Intact. <i>Frontiers in Endocrinology</i> , 2022, 13, 858417.	3.5	18
22	Transient cardioprotective effects of remote ischemic postconditioning on non-reperfused myocardial infarction: longitudinal evaluation study in pigs. <i>International Journal of Cardiology</i> , 2022, 355, 37-43.	1.7	2
23	Associations between coronary/aortic <sup>18</sup> F-sodium fluoride uptake and pro-atherosclerosis factors in patients with multivessel coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3352-3365.	2.1	6
24	Usefulness of <sup>68</sup> Ga-Pentixafor PET/CT on Diagnosis and Management of Cushing Syndrome. <i>Clinical Nuclear Medicine</i> , 2022, 47, 669-676.	1.3	9
25	Learning induces coordinated neuronal plasticity of metabolic demands and functional brain networks. <i>Communications Biology</i> , 2022, 5, 428.	4.4	9
26	Synthesis, Biological Evaluation, and Docking Studies of Antagonistic Hydroxylated Arecaidine Esters Targeting mAChRs. <i>Molecules</i> , 2022, 27, 3173.	3.8	4
27	Comparison of <sup>18</sup> F-FDOPA, <sup>68</sup> Ga-DOTA-NOC and <sup>18</sup> F-FDG PET for Imaging Pituitary Microadenoma. <i>World Journal of Nuclear Medicine</i> , 2022, , .	0.5	0
28	Reverse Remodeling Following Valve Replacement in Coexisting Aortic Stenosis and Transthyretin Cardiac Amyloidosis. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, .	2.6	12
29	Imaging Inflammation in Atherosclerosis with CXCR4-Directed [ <sup>68</sup> Ga]PentixaFor PET/MRI Compared with [ <sup>18</sup> F]FDG PET/MRI. <i>Life</i> , 2022, 12, 1039.	2.4	3
30	Molecular imaging of cardiac CXCR4 expression in a mouse model of acute myocardial infarction using a novel <sup>68</sup> Ga-mCXCL12 PET tracer. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2965-2975.	2.1	6
31	Assessment of cardiac tumors by <sup>18</sup> F-FDG PET/CT imaging: Histological correlation and clinical outcomes. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2233-2243.	2.1	21
32	Determinants of the intercept and slope of glomerular filtration rate in recipients of a live donor kidney transplant. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 107-117.	1.9	1
33	Fibroblast imaging of hepatic carcinoma with <sup>68</sup> Ga-FAPI-04 PET/CT: a pilot study in patients with suspected hepatic nodules. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 196-203.	6.4	73
34	Detection of aortic prosthetic graft infection with <sup>18</sup> F-FDG PET/CT imaging, concordance with consensus MAGIC graft infection criteria. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 1005-1016.	2.1	9
35	Thyroid and androgen receptor signaling are antagonized by <sup>125</sup> I-Crystallin in prostate cancer. <i>International Journal of Cancer</i> , 2021, 148, 731-747.	5.1	17
36	Supervised machine learning enables non-invasive lesion characterization in primary prostate cancer with [ <sup>68</sup> Ga]Ga-PSMA-11 PET/MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1795-1805.	6.4	72

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37	Comparison of PET imaging of activated fibroblasts and 18F-FDG for diagnosis of primary hepatic tumours: a prospective pilot study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1593-1603.	6.4	87
38	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.	3.9	0
39	Prediction of response and survival after standardized treatment with 7400ÂMBq 177Lu-PSMA-617 every 4Âweeks 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
40	Association of norepinephrine transporter methylation with in vivo NET expression and hyperactivityâ€impulsivity symptoms in ADHD measured with PET. <i>Molecular Psychiatry</i> , 2021, 26, 1009-1018.	7.9	23
41	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
42	A methodological investigation of healthy tissue, hepatocellular carcinoma, and other lesions with dynamic 68Ga-FAPI-04 PET/CT imaging. <i>EJNMMI Physics</i> , 2021, 8, 8.	2.7	19
43	Standard MRI-based attenuation correction for PET/MRI phantoms: a novel concept using MRI-visible polymer. <i>EJNMMI Physics</i> , 2021, 8, 18.	2.7	8
44	Radiolabeled HER2-directed exosomes exhibit improved cell targeting and specificity. <i>Nanomedicine</i> , 2021, 16, 553-567.	3.3	5
45	Breast Tumor Characterization Using [18F]FDG-PET/CT Imaging Combined with Data Preprocessing and Radiomics. <i>Cancers</i> , 2021, 13, 1249.	3.7	32
46	Diagnostic Role of PET/CT Tracers in the Detection and Localization of Tumours Responsible for Ectopic Cushingâ€™s Syndrome. <i>Anticancer Research</i> , 2021, 41, 2477-2484.	1.1	3
47	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
48	Dynamic 18F-FDG PET imaging of liver lesions: evaluation of a two-tissue compartment model with dual blood input function. <i>BMC Medical Imaging</i> , 2021, 21, 90.	2.7	7
49	Functional dynamics of dopamine synthesis during monetary reward and punishment processing. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2973-2985.	4.3	17
50	Reliability of task-specific neuronal activation assessed with functional PET, ASL and BOLD imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2986-2999.	4.3	18
51	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
52	ABCB1 and ABCG2 Together Limit the Distribution of ABCB1/ABCG2 Substrates to the Human Retina and the ABCG2 Single Nucleotide Polymorphism Q141K (c.421C&gt; A) May Lead to Increased Drug Exposure. <i>Frontiers in Pharmacology</i> , 2021, 12, 698966.	3.5	6
53	Update on PET Tracer Development for Muscarinic Acetylcholine Receptors. <i>Pharmaceuticals</i> , 2021, 14, 530.	3.8	11
54	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

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55	If It Works, Don't Touch It? A Cell-Based Approach to Studying 2-[18F]FDG Metabolism. <i>Pharmaceuticals</i> , 2021, 14, 910.	3.8	2
56	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
57	Characterization of endogenous bile acid composition in individuals with cold-activated brown adipose tissue. <i>Molecular and Cellular Endocrinology</i> , 2021, 536, 111403.	3.2	4
58	High-dose testosterone treatment reduces monoamine oxidase A levels in the human brain: A preliminary report. <i>Psychoneuroendocrinology</i> , 2021, 133, 105381.	2.7	11
59	Human Biodistribution and Radiation Dosimetry of the P-Glycoprotein Radiotracer [11C]Metoclopramide. <i>Molecular Imaging and Biology</i> , 2021, 23, 180-185.	2.6	0
60	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
61	Impaired Clearance From the Brain Increases the Brain Exposure to Metoclopramide in Elderly Subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 754-761.	4.7	13
62	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.	5.0	14
63	Quantification of myocardial amyloid deposition in tafamidis-treated patients with transthyretin amyloid cardiomyopathy. <i>European Heart Journal</i> , 2021, 42, .	2.2	0
64	Prevalence of cardiac amyloidosis in patients undergoing transcatheter edge-to edge mitral valve repair. <i>European Heart Journal</i> , 2021, 42, .	2.2	0
65	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
66	Unexpected scaffold rearrangement product of pirenzepine found in commercial samples. <i>Scientific Reports</i> , 2021, 11, 23397.	3.3	1
67	Assessment of right ventricular sympathetic dysfunction in patients with arrhythmogenic right ventricular cardiomyopathy: An 123I-metaiodobenzylguanidine SPECT/CT study. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2402-2409.	2.1	8
68	Data-driven, projection-based respiratory motion compensation of PET data for cardiac PET/CT and PET/MR imaging. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 2216-2230.	2.1	25
69	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.	2.6	4
70	Assessment of Myocardial Viability in Ischemic Heart Disease by PET/MRI: Comparison of Left Ventricular Perfusion, Hibernation, and Scar Burden. <i>Academic Radiology</i> , 2020, 27, 188-197.	2.5	20
71	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
72	Multiparametric 18F-FDG PET/MRI of the Breast: Are There Differences in Imaging Biomarkers of Contralateral Healthy Tissue Between Patients With and Without Breast Cancer?. <i>Journal of Nuclear Medicine</i> , 2020, 61, 20-25.	5.0	12

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73	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.	2.3	49
74	Preoperative Localization of Adenomas in Primary Hyperparathyroidism: The Value of <sup>11</sup> C-Choline PET/CT in Patients with Negative or Discordant Findings on Ultrasonography and <sup>99m</sup> Tc-Sestamibi SPECT/CT. <i>Journal of Nuclear Medicine</i> , 2020, 61, 584-589.	5.0	16
75	Imaging Inflammation in Atherosclerosis with CXCR4-Directed <sup>68</sup> Ga-Pentixafor PET/CT: Correlation with <sup>18</sup> F-FDG PET/CT. <i>Journal of Nuclear Medicine</i> , 2020, 61, 751-756.	5.0	45
76	Comparison of different kinetic models for dynamic <sup>18</sup> F-FDG PET/CT imaging of hepatocellular carcinoma with various, also dual-blood input function. <i>Physics in Medicine and Biology</i> , 2020, 65, 045001.	3.0	8
77	Measurement of Hepatic ABCB1 and ABCG2 Transport Activity with [ <sup>11</sup> C]Tariquidar and PET in Humans and Mice. <i>Molecular Pharmaceutics</i> , 2020, 17, 316-326.	4.6	15
78	Clinical outcome of standardized <sup>177</sup> Lu-PSMA-617 therapy in metastatic prostate cancer patients receiving 7400 MBq every 4 weeks. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 713-720.	6.4	46
79	Enhanced arecoline derivatives as muscarinic acetylcholine receptor M1 ligands for potential application as PET radiotracers. <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112623.	5.5	8
80	Diagnosis and treatment of cardiac amyloidosis: an interdisciplinary consensus statement. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 742-761.	1.9	31
81	Synthesis, Biological, and Computational Evaluation of Antagonistic, Chiral Hydrobenzoin Esters of Arecaidine Targeting mAChR M1. <i>Pharmaceutics</i> , 2020, 13, 437.	3.8	6
82	In Vivo Quantification of Myocardial Amyloid Deposits in Patients with Suspected Transthyretin-Related Amyloidosis (ATTR). <i>Journal of Clinical Medicine</i> , 2020, 9, 3446.	2.4	19
83	Immune Checkpoint Inhibitor Therapy Induces Inflammatory Activity in Large Arteries. <i>Circulation</i> , 2020, 142, 2396-2398.	1.6	45
84	The relationship between cholecystokinin secretion and pancreatic [ <sup>11</sup> C]methionine uptake in patients after partial pancreaticoduodenectomy. <i>Annals of Nuclear Medicine</i> , 2020, 34, 691-695.	2.2	0
85	Association of dopamine D2/3 receptor binding potential measured using PET and [ <sup>11</sup> C]-(+)-PHNO with post-mortem DRD2/3 gene expression in the human brain. <i>NeuroImage</i> , 2020, 223, 117270.	4.2	11
86	Nuclear medicine services after COVID-19: gearing up back to normality. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2048-2053.	6.4	18
87	Dynamic 2-deoxy-2-[ <sup>18</sup> F] fluoro-D-glucose PET/MRI in human renal allotransplant patients undergoing acute kidney injury. <i>Scientific Reports</i> , 2020, 10, 8270.	3.3	7
88	Response evaluation of SGLT2 inhibitor therapy in patients with type 2 diabetes mellitus using <sup>18</sup> F-FDG PET/MRI. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001135.	2.8	7
89	Sorbitol as a Polar Pharmacological Modifier to Enhance the Hydrophilicity of <sup>99m</sup> Tc-Tricarbonyl-Based Radiopharmaceuticals. <i>Molecules</i> , 2020, 25, 2680.	3.8	2
90	Left-ventricular innervation assessed by <sup>123</sup> I-SPECT/CT is associated with cardiac events in inherited arrhythmia syndromes. <i>International Journal of Cardiology</i> , 2020, 312, 129-135.	1.7	2

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91	Imaging CXCR4 expression in patients with suspected primary hyperaldosteronism. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2656-2665.	6.4	38
92	In Human Visualization of Ibrutinib-Induced CLL Compartment Shift. <i>Cancer Immunology Research</i> , 2020, 8, 984-989.	3.4	7
93	Light chain and transthyretin cardiac amyloidosis in severe aortic stenosis: prevalence, screening possibilities, and outcome. <i>European Journal of Heart Failure</i> , 2020, 22, 1852-1862.	7.1	82
94	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
95	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
96	Applied Systems Biology embracing molecular imaging for systemic medicine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2721-2725.	6.4	9
97	Machine learning classification of ADHD and HC by multimodal serotonergic data. <i>Translational Psychiatry</i> , 2020, 10, 104.	4.8	39
98	Nuclear Medicine Operations in the Times of COVID-19: Strategies, Precautions, and Experiences. <i>Journal of Nuclear Medicine</i> , 2020, 61, 626-629.	5.0	65
99	COVID-19 pandemic: guidance for nuclear medicine departments. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1615-1619.	6.4	76
100	Comparison of MRI and VQ-SPECT as a Screening Test for Patients With Suspected CTEPH: CHANGE-MRI Study Design and Rationale. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 51.	2.4	16
101	Treatment Guided By Next Generation Functional Drug Screening Provides Clinical Benefit in Advanced Aggressive Hematological Malignancies: Final Evaluation of the Open Label, Single Arm Exalt Trial. <i>Blood</i> , 2020, 136, 2-4.	1.4	1
102	Toxicity of a combined therapy using the mTOR-inhibitor everolimus and PRRT with [177Lu]Lu-DOTA-TATE in Lewis rats. <i>EJNMMI Research</i> , 2020, 10, 41.	2.5	6
103	Reconfiguration of functional brain networks and metabolic cost converge during task performance. <i>ELife</i> , 2020, 9, .	6.0	49
104	Understanding gender pattern differences in MET-PET Glioma patients with radiomics analysis. <i>Nuklearmedizin - NuclearMedicine</i> , 2020, 59, .	0.7	0
105	in vivo D <sup>18</sup> F-Amico score for low-high risk and biochemical recurrence prediction in prostate patients with PET/MRI and machine learning. , 2020, 59, .		0
106	2-[18 F]FDG-Metabolismus: Ein komplexes Thema neu aufgerollt. <i>Nuklearmedizin - NuclearMedicine</i> , 2020, 59, .	0.7	0
107	Reducing [18 F]FDG activity levels for whole-body PET/CT examinations of children. , 2020, 59, .		0
108	Towards quantitative [18F]FDG-PET/MRI of the brain: Automated MR-driven calculation of an image-derived input function for the non-invasive determination of cerebral glucose metabolic rates. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1516-1530.	4.3	42

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109	SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [ <sup>18</sup> F]FE@SNAP and [ <sup>11</sup> C]SNAP-7941. <i>Molecular Imaging and Biology</i> , 2019, 21, 257-268.	2.6	5
110	Advances in targeted alpha therapy for prostate cancer. <i>Annals of Oncology</i> , 2019, 30, 1728-1739.	1.2	43
111	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.	10.0	42
112	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
113	Prospective evaluation of the performance of [ <sup>68</sup> 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
114	In vitro Radiopharmaceutical Evidence for MCHR1 Binding Sites in Murine Brown Adipocytes. <i>Frontiers in Endocrinology</i> , 2019, 10, 324.	3.5	6
115	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
116	Toward the Optimization of (+)-[ <sup>11</sup> C]PHNO Synthesis: Time Reduction and Process Validation. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-13.	0.8	1
117	Assessment of the kidney function parameters split function, mean transit time, and outflow efficiency using dynamic FDG-PET/MRI in healthy subjects. <i>European Journal of Hybrid Imaging</i> , 2019, 3, 3.	1.5	3
118	Sex-differences in [ <sup>68</sup> Ga]Ga-DOTANOC biodistribution. <i>Nuclear Medicine and Biology</i> , 2019, 76-77, 15-20.	0.6	4
119	Attenuation correction of a flat table top for radiation therapy in hybrid PET/MR using CT- and <sup>68</sup> Ge/ <sup>68</sup> Ga transmission scan-based 1/4-maps. <i>Physica Medica</i> , 2019, 65, 76-83.	0.7	10
120	PIK3CA Mutational Status Is Associated with High Glycolytic Activity in ER+/HER2 <sup>-</sup> Early Invasive Breast Cancer: a Molecular Imaging Study Using [ <sup>18</sup> F]FDG PET/CT. <i>Molecular Imaging and Biology</i> , 2019, 21, 991-1002.	2.6	8
121	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
122	Multimodal [ <sup>18</sup> F]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.	2.8	8
123	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
124	(R)-[ <sup>18</sup> F]NEBIFQUINIDE: A promising new PET tracer for TSPO imaging. <i>European Journal of Medicinal Chemistry</i> , 2019, 176, 410-418.	5.5	14
125	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, , .	0.3	2
126	[ <sup>68</sup> Ga]Pentixafor PET/MR imaging of chemokine receptor 4 expression in the human carotid artery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1616-1625.	6.4	49



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127	Towards Improved Pharmacokinetic Models for the Analysis of Transporter-Mediated Hepatic Disposition of Drug Molecules with Positron Emission Tomography. <i>AAPS Journal</i> , 2019, 21, 61.	4.4	14
128	Assessment of sympathetic reinnervation after cardiac transplantation using hybrid cardiac PET/MRI: A pilot study. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1326-1335.	3.4	9
129	FDG $\alpha$ -PET / MRI imaging for the management of alveolar echinococcosis: initial clinical experience at a reference centre in Austria. <i>Tropical Medicine and International Health</i> , 2019, 24, 663-670.	2.3	15
130	Characterization of Bone Lesions in Myeloma Before and During Anticancer Therapy Using $^{18}\text{F}$ -FDG-PET/CT and $^{18}\text{F}$ -NaF-PET/CT. <i>Anticancer Research</i> , 2019, 39, 1943-1952.	1.1	3
131	Sequential [ $^{18}\text{F}$ ]FDG-[ $^{18}\text{F}$ ]FMISO PET and Multiparametric MRI at 3T for Insights into Breast Cancer Heterogeneity and Correlation with Patient Outcomes: First Clinical Experience. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	0.8	9
132	Attenuation Correction Approaches for Serotonin Transporter Quantification With PET/MRI. <i>Frontiers in Physiology</i> , 2019, 10, 1422.	2.8	5
133	Response assessment using $^{68}\text{Ga}$ -PSMA ligand PET in patients undergoing $^{177}\text{Lu}$ -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
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