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List of Publications by Year
in descending order

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62 papers	2,507 citations	236925 25 h-index	197818 49 g-index
62 all docs	62 docs citations	62 times ranked	4221 citing authors

#	Article	IF	Citations
1	Direct Comparison of [18F]F-DPA with [18F]DPA-714 and [11C]PBR28 for Neuroinflammation Imaging in the same Alzheimerâ€™s Disease Model Mice and Healthy Controls. Molecular Imaging and Biology, 2022, 24, 157-166.	2.6	11
2	Dimethyl fumarate decreases short-term but not long-term inflammation in a focal EAE model of neuroinflammation. EJNMMI Research, 2022, 12, 6.	2.5	7
3	Intravenous transplantation of olfactory ensheathing cells reduces neuroinflammation after spinal cord injury via interleukin-1 receptor antagonist. Theranostics, 2021, 11, 1147-1161.	10.0	24
4	Changes in electrocardiogram parameters during acute nonshivering cold exposure and associations with brown adipose tissue activity, plasma catecholamine levels, and brachial blood pressure in healthy adults. Physiological Reports, 2021, 9, e14718.	1.7	3
5	(S)-[18F]THK5117 brain uptake is associated with AÎ² plaques and MAO-B enzyme in a mouse model of Alzheimer's disease. Neuropharmacology, 2021, 196, 108676.	4.1	7
6	Comparison of high and low molar activity TSPO tracer [18F]F-DPA in a mouse model of Alzheimerâ€™s disease. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1012-1020.	4.3	16
7	Ruthenium-Mediated ¹⁸F-Fluorination and Preclinical Evaluation of a New CB₁ Receptor Imaging Agent [¹⁸F]FPATPP. ACS Chemical Neuroscience, 2020, 11, 2009-2018.	3.5	7
8	In Vivo Availability of Cannabinoid 1 Receptor Levels in Patients With First-Episode Psychosis. JAMA Psychiatry, 2019, 76, 1074.	11.0	50
9	Cessation of anti-VLA-4 therapy in a focal rat model of multiple sclerosis causes an increase in neuroinflammation. EJNMMI Research, 2019, 9, 38.	2.5	4
10	Effects of short-term sprint interval and moderate-intensity continuous training on liver fat content, lipoprotein profile, and substrate uptake: a randomized trial. Journal of Applied Physiology, 2019, 126, 1756-1768.	2.5	11
11	Effect of genotype and age on cerebral [18F]FDG uptake varies between transgenic APPSwe-PS1dE9 and Tg2576 mouse models of Alzheimerâ€™s disease. Scientific Reports, 2019, 9, 5700.	3.3	8
12	Radiosynthesis and Preclinical Evaluation of an Î±2A-Adrenoceptor Tracer Candidate, 6-[18F]Fluoro-marsanidine. Molecular Imaging and Biology, 2019, 21, 879-887.	2.6	4
13	[18F]SPA-RQ/PET Study of NK1 receptors in the Whole Body of Guinea Pig and Rat. Scientific Reports, 2019, 9, 20412.	3.3	1
14	In vivo characterization of a novel norepinephrine transporter PET tracer [¹⁸F]NS12137 in adult and immature Sprague-Dawley rats. Theranostics, 2019, 9, 11-19.	10.0	10
15	Sex difference in brain CB1 receptor availability in man. NeuroImage, 2019, 184, 834-842.	4.2	65
16	Cannabinoid Type 1 Receptors Are Upregulated During Acute Activation of Brown Adipose Tissue. Diabetes, 2018, 67, 1226-1236.	0.6	32
17	Molecular design of radiocopper-labelled Affibody molecules. Scientific Reports, 2018, 8, 6542.	3.3	13
18	Neuroinflammation Appears Early on PET Imaging and Then Plateaus in a Mouse Model of Alzheimer Disease. Journal of Nuclear Medicine, 2018, 59, 509-515.	5.0	40

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19	18 F-labeled norepinephrine transporter tracer [18 F]NS12137: radiosynthesis and preclinical evaluation. Nuclear Medicine and Biology, 2018, 56, 39-46.	0.6	7
20	[18F]F-DPA for the detection of activated microglia in a mouse model of Alzheimer's disease. Nuclear Medicine and Biology, 2018, 67, 1-9.	0.6	27
21	S-[18F]THK-5117-PET and [11C]PIB-PET Imaging in Idiopathic Normal Pressure Hydrocephalus in Relation to Confirmed Amyloid-Î² Plaques and Tau in Brain Biopsies. Journal of Alzheimer's Disease, 2018, 64, 171-179.	2.6	14
22	[18F]FMPEP-d2 PET imaging shows age- and genotype-dependent impairments in the availability of cannabinoid receptor 1 in a mouse model of Alzheimer's disease. Neurobiology of Aging, 2018, 69, 199-208.	3.1	23
23	Long-Term Monoacylglycerol Lipase Inhibitor Treatment Decelerates Pathological Changes in APP/PS1-21 Mice, but Behavioral Improvements Require Early-Stage Treatment Onsetâ€”Short Report. World Journal of Neuroscience, 2018, 08, 157-170.	0.1	0
24	Radiosynthesis and Preclinical Evaluation of [18F]F-DPA, A Novel Pyrazolo[1,5a]pyrimidine Acetamide TSPO Radioligand, in Healthy Sprague Dawley Rats. Molecular Imaging and Biology, 2017, 19, 736-745.	2.6	31
25	HPLC and TLC methods for analysis of [18 F]FDG and its metabolites from biological samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1048, 140-149.	2.3	18
26	Applicability of [11 C]PIB micro-PET imaging for inÂvivo follow-up of anti-amyloid treatment effects in APP23 mouse model. Neurobiology of Aging, 2017, 57, 84-94.	3.1	17
27	Two weeks of moderate-intensity continuous training, but not high-intensity interval training, increases insulin-stimulated intestinal glucose uptake. Journal of Applied Physiology, 2017, 122, 1188-1197.	2.5	17
28	Brain energy metabolism and neuroinflammation in ageing APP/PS1-21 mice using longitudinal ¹⁸F-FDG and ¹⁸F-DPA-714 PET imaging. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2870-2882.	4.3	53
29	The Anti-Inflammatory Effects of Lipoxygenase and Cyclo-Oxygenase Inhibitors in Inflammation-Induced Human Fetal Glia Cells and the AÎ² Degradation Capacity of Human Fetal Astrocytes in an Ex vivo Assay. Frontiers in Neuroscience, 2017, 11, 299.	2.8	9
30	Comparative Evaluation of Anti-HER2 Affibody Molecules Labeled with ⁶⁴Cu Using NOTA and NODAGA. Contrast Media and Molecular Imaging, 2017, 2017, 1-12.	0.8	14
31	Ex Vivo Tracing of NMDA and GABA-A Receptors in Rat Brain After Traumatic Brain Injury Using ¹⁸F-GE-179 and ¹⁸F-GE-194 Autoradiography. Journal of Nuclear Medicine, 2016, 57, 1442-1447.	5.0	18
32	18 F-labeling syntheses and preclinical evaluation of functionalized nanoliposomes for Alzheimer's disease. European Journal of Pharmaceutical Sciences, 2016, 88, 257-266.	4.0	6
33	Increased striatal VMAT2 binding in mice after chronic administration of methcathinone and manganese. Brain Research, 2016, 1652, 97-102.	2.2	2
34	Parametric Binding Images of the TSPO Ligand ¹⁸F-DPA-714. Journal of Nuclear Medicine, 2016, 57, 1543-1547.	5.0	23
35	Amphetamine Decreases Â2C-Adrenoceptor Binding of [11C]ORM-13070: A PET Study in the Primate Brain. International Journal of Neuropsychopharmacology, 2015, 18, pyu081-pyu081.	2.1	13
36	In Vivo PET Imaging Demonstrates Diminished Microglial Activation After Fingolimod Treatment in an Animal Model of Multiple Sclerosis. Journal of Nuclear Medicine, 2015, 56, 305-310.	5.0	57

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37	Quantification of [¹⁸F]DPA-714 Binding in the Human Brain: Initial Studies in Healthy Controls and Alzheimer'S Disease Patients. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 766-772.	4.3	99
38	Monoacylglycerol lipase inhibitor JZL184 reduces neuroinflammatory response in APdE9 mice and in adult mouse glial cells. Journal of Neuroinflammation, 2015, 12, 81.	7.2	59
39	The Cannabinoid Receptor-1 Is an Imaging Biomarker of Brown Adipose Tissue. Journal of Nuclear Medicine, 2015, 56, 1937-1941.	5.0	24
40	Enhanced fatty acid uptake in visceral adipose tissue is not reversed by weight loss in obese individuals with the metabolic syndrome. Diabetologia, 2015, 58, 158-164.	6.3	17
41	Positron emission tomography imaging of the 18-kDa translocator protein (TSPO) with [18F]FEMPA in Alzheimerâ€™s disease patients and control subjects. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 438-446.	6.4	64
42	Pancreatic Metabolism, Blood Flow, and Î²-Cell Function in Obese Humans. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E981-E990.	3.6	33
43	Multifunctional Liposomes Reduce Brain Î²-Amyloid Burden and Ameliorate Memory Impairment in Alzheimer's Disease Mouse Models. Journal of Neuroscience, 2014, 34, 14022-14031.	3.6	141
44	A PET Tracer for Brain Î±_{2C} Adrenoceptors, ¹¹C-ORM-13070: Radiosynthesis and Preclinical Evaluation in Rats and Knockout Mice. Journal of Nuclear Medicine, 2014, 55, 1171-1177.	5.0	21
45	FDGâ€PET IN HEALTHY AND EPILEPTIC LAGOTTO ROMAGNOLO DOGS AND CHANGES IN BRAIN GLUCOSE UPTAKE WITH AGE. Veterinary Radiology and Ultrasound, 2014, 55, 331-341.	0.9	13
46	6-[18F]Fluoro-l-DOPA Uptake in the Rat Pancreas is Dependent on the Tracer Metabolism. Molecular Imaging and Biology, 2014, 16, 403-411.	2.6	2
47	Synthesis and evaluation of a 18F-curcumin derivate for Î²-amyloid plaque imaging. Bioorganic and Medicinal Chemistry, 2014, 22, 2753-2762.	3.0	32
48	In vivo PET imaging of beta-amyloid deposition in mouse models of Alzheimer's disease with a high specific activity PET imaging agent [18F]flutemetamol. EJNMMI Research, 2014, 4, 37.	2.5	22
49	Detection of Microglial Activation in an Acute Model of Neuroinflammation Using PET and Radiotracers¹¹C-(R)-PK11195 and¹⁸F-GE-180. Journal of Nuclear Medicine, 2014, 55, 466-472.	5.0	127
50	Enzyme inhibition of dopamine metabolism alters 6-[18F]FDOPA uptake in orthotopic pancreatic adenocarcinoma. EJNMMI Research, 2013, 3, 18.	2.5	9
51	Longitudinal Amyloid Imaging in Mouse Brain with ¹¹C-PIB: Comparison of APP23, Tg2576, and APP_{swe}-PS1_{dE9} Mouse Models of Alzheimer Disease. Journal of Nuclear Medicine, 2013, 54, 1434-1441.	5.0	71
52	Oxime formation for fluorine-18 labeling of peptides and proteins for positron emission tomography (PET) imaging: A review. Journal of Fluorine Chemistry, 2012, 143, 49-56.	1.7	40
53	Pharmacokinetics of [18F]flutemetamol in wild-type rodents and its binding to beta amyloid deposits in a mouse model of Alzheimerâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1784-1795.	6.4	52
54	Assessment of Islet Specificity of Dihydrotetrabenazine Radiotracer Binding in Rat Pancreas and Human Pancreas. Journal of Nuclear Medicine, 2010, 51, 1439-1446.	5.0	54

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55	Increased Brain Fatty Acid Uptake in Metabolic Syndrome. Diabetes, 2010, 59, 2171-2177.	0.6	165
56	Extracellular Superoxide Dismutase Is a Growth Regulatory Mediator of Tissue Injury Recovery. Molecular Therapy, 2009, 17, 448-454.	8.2	42
57	Quantification of Liver Glucose Metabolism by Positron Emission Tomography: Validation Study in Pigs. Gastroenterology, 2007, 132, 531-542.	1.3	61
58	Relationship between local perfusion and FFA uptake in human skeletal muscleâ€"no effect of increased physical activity and aerobic fitness. Journal of Applied Physiology, 2006, 101, 1303-1311.	2.5	17
59	Prediction of Detached Personality in Healthy Subjects by Low Dopamine Transporter Binding. American Journal of Psychiatry, 2000, 157, 290-292.	7.2	66
60	Striatal Dopamine Transporter Binding in Neuroleptic-Naive Patients With Schizophrenia Studied With Positron Emission Tomography. American Journal of Psychiatry, 2000, 157, 269-271.	7.2	146
61	High Levels of Dopamine Activity in the Basal Ganglia of Cigarette Smokers. American Journal of Psychiatry, 2000, 157, 632-634.	7.2	147
62	Cognitive Impairment and the Brain Dopaminergic System in Parkinson Disease. Archives of Neurology, 2000, 57, 470.	4.5	321