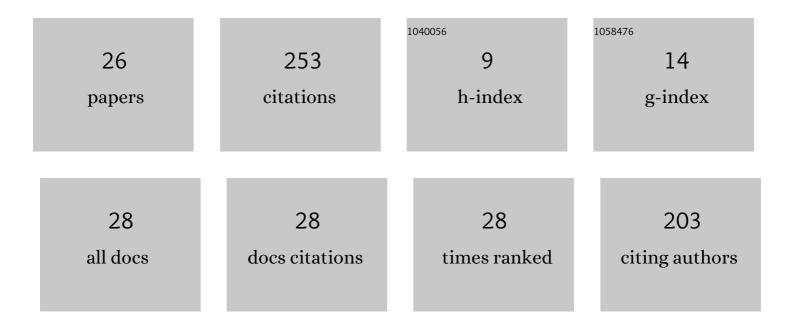
## Alan Miranda

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Validation and noninvasive kinetic modeling of [ <sup>11</sup> C]UCB-J PET imaging in mice. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1351-1362.	4.3	32
2	Awake <sup>18</sup> F-FDG PET Imaging of Memantine-Induced Brain Activation and Test–Retest in Freely Running Mice. Journal of Nuclear Medicine, 2019, 60, 844-850.	5.0	23
3	Fast and Accurate Rat Head Motion Tracking With Point Sources for Awake Brain PET. IEEE Transactions on Medical Imaging, 2017, 36, 1573-1582.	8.9	20
4	PET imaging of freely moving interacting rats. NeuroImage, 2019, 191, 560-567.	4.2	19
5	Synaptic Vesicle Glycoprotein 2A Is Affected in the Central Nervous System of Mice with Huntington Disease and in the Brain of a Human with Huntington Disease Postmortem. Journal of Nuclear Medicine, 2022, 63, 942-947.	5.0	18
6	Development of a ligand for in vivo imaging of mutant huntingtin in Huntington's disease. Science Translational Medicine, 2022, 14, eabm3682.	12.4	18
7	In vitro and In vivo Assessment of Suitable Reference Region and Kinetic Modelling for the mGluR1 Radioligand [11C]ITDM in Mice. Molecular Imaging and Biology, 2020, 22, 854-863.	2.6	15
8	Validation of a spatially variant resolution model for small animal brain PET studies. Biomedical Physics and Engineering Express, 2020, 6, 045001.	1.2	15
9	Sapap3 deletion causes dynamic synaptic density abnormalities: a longitudinal [11C]UCB-J PET study in a model of obsessive–compulsive disorder-like behaviour. EJNMMI Research, 2020, 10, 140.	2.5	12
10	Markerless rat head motion tracking using structured light for brain PET imaging of unrestrained awake small animals. Physics in Medicine and Biology, 2017, 62, 1744-1758.	3.0	11
11	Translation of Preclinical PET Imaging Findings: Challenges and Motion Correction to Overcome the Confounding Effect of Anesthetics. Frontiers in Medicine, 2021, 8, 753977.	2.6	11
12	Elevated Type 1 Metabotropic Glutamate Receptor Availability in a Mouse Model of Huntington's Disease: a Longitudinal PET Study. Molecular Neurobiology, 2020, 57, 2038-2047.	4.0	8
13	Progression of obsessive compulsive disorder-like grooming in Sapap3 knockout mice: A longitudinal [11C]ABP688 PET study. Neuropharmacology, 2020, 177, 108160.	4.1	8
14	Motion Dependent and Spatially Variant Resolution Modeling for PET Rigid Motion Correction. IEEE Transactions on Medical Imaging, 2020, 39, 2518-2530.	8.9	8
15	Longitudinal preclinical evaluation of the novel radioligand [11C]CHDI-626 for PET imaging of mutant huntingtin aggregates in Huntington's disease. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1166-1175.	6.4	8
16	Validation, kinetic modeling, and test-retest reproducibility of [ <sup>18</sup> F]SynVesT-1 for PET imaging of synaptic vesicle glycoprotein 2A in mice. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1867-1878.	4.3	8
17	Estimation of and correction for finite motion sampling errors in small animal PET rigid motion correction. Medical and Biological Engineering and Computing, 2019, 57, 505-518.	2.8	5
18	Kinetic Modelling and Test–Retest Reproducibility for the Dopamine D1R Radioligand [11C]SCH23390 in Healthy and Diseased Mice. Molecular Imaging and Biology, 2021, 23, 208-219.	2.6	5

Alan Miranda

#	Article	IF	CITATIONS
19	Low activity [11C]raclopride kinetic modeling in the mouse brain using the spatiotemporal kernel method. Physics in Medicine and Biology, 2021, 66, 115005.	3.0	2
20	Estimation of the net influx rate Ki and the cerebral metabolic rate of glucose MRglc using a single static [18F]FDG PET scan in rats. NeuroImage, 2021, 233, 117961.	4.2	2
21	Fast motion tracking of radioactive markers for motion correction of awake and unrestrained rat brain PET. , 2015, , .		1
22	Spatially variant point spread function for PET rigid motion correction. , 2019, , .		1
23	Quantification of Metabotropic Glutamate Receptor 5 Availability With Both [11C]ABP688Âand [18F]FPEB Positron Emission Tomography in the Sapap3 Knockout Mouse Model for Obsessive-Compulsive–like Behavior. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 607-615.	1.5	1
24	Free running mouse brain PET imaging using point source motion tracking. , 2017, , .		0
25	Image Quality assessment for Awake Animal Brain PET. , 2019, , .		Ο
26	Spatiotemporal Kernel Reconstruction for Linear Parametric Neurotransmitter PET Kinetic Modeling in Motion Correction Brain PET of Awake Rats. Frontiers in Neuroscience, 2022, 16, .	2.8	0