Celia Dominguez

List of Publications by Year
in descending order

12	212	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	203
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Longitudinal preclinical evaluation of the novel radioligand [11C]CHDI-626 for PET imaging of mutant huntingtin aggregates in Huntingtonâ€™s disease. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1166-1175.	6.4	8
2	Development of a ligand for in vivo imaging of mutant huntingtin in Huntingtonâ€™s disease. Science Translational Medicine, 2022, 14, eabm3682.	12.4	18
3	Kinetic Modelling and Testâ€“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
4	Pharmacological characterization of mutant huntingtin aggregate-directed PET imaging tracer candidates. Scientific Reports, 2021, 11, 17977.	3.3	16
5	Validation and noninvasive kinetic modeling of [¹¹C]UCB-J PET imaging in mice. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1351-1362.	4.3	32
6	Elevated Type 1 Metabotropic Glutamate Receptor Availability in a Mouse Model of Huntingtonâ€™s Disease: a Longitudinal PET Study. Molecular Neurobiology, 2020, 57, 2038-2047.	4.0	8
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	Imaging Mutant Huntingtin Aggregates: Development of a Potential PET Ligand. Journal of Medicinal Chemistry, 2020, 63, 8608-8633.	6.4	30
9	MR-based spatial normalization improves [18F]MNI-659 PET regional quantification and detectability of disease effect in the Q175 mouse model of Huntingtonâ€™s disease. PLoS ONE, 2018, 13, e0206613.	2.5	17
10	Longitudinal Characterization of mGluR5 Using ¹¹C-ABP688 PET Imaging in the Q175 Mouse Model of Huntington Disease. Journal of Nuclear Medicine, 2018, 59, 1722-1727.	5.0	18
11	Noninvasive Relative Quantification of [11C]ABP688 PET Imaging in Mice Versus an Input Function Measured Over an Arteriovenous Shunt. Frontiers in Neurology, 2018, 9, 516.	2.4	26
12	Longitudinal Small-Animal PET Imaging of the zQ175 Mouse Model of Huntington Disease Shows In Vivo Changes of Molecular Targets in the Striatum and Cerebral Cortex. Journal of Nuclear Medicine, 2017, 58, 617-622.	5.0	19