

MarÃ-a Luisa Soto-Montenegro

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

743
citations

623188

14
h-index

552369

26
g-index

37
all docs

37
docs citations

37
times ranked

1226
citing authors

#	ARTICLE	IF	CITATIONS
1	Augmented Acquisition of Cocaine Self-Administration and Altered Brain Glucose Metabolism in Adult Female but not Male Rats Exposed to a Cannabinoid Agonist during Adolescence. <i>Neuropsychopharmacology</i> , 2008, 33, 806-813.	2.8	82
2	The Chemokine Receptor CXCR4 and the Metalloproteinase MT1-MMP Are Mutually Required during Melanoma Metastasis to Lungs. <i>American Journal of Pathology</i> , 2009, 174, 602-612.	1.9	74
3	Constitutive activation of B-Raf in the mouse germ line provides a model for human cardio-facio-cutaneous syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5015-5020.	3.3	61
4	Using a maternal immune stimulation model of schizophrenia to study behavioral and neurobiological alterations over the developmental course. <i>Schizophrenia Research</i> , 2015, 166, 238-247.	1.1	61
5	Deep brain stimulation improves behavior and modulates neural circuits in a rodent model of schizophrenia. <i>Experimental Neurology</i> , 2016, 283, 142-150.	2.0	48
6	Minocycline in neurodegenerative and psychiatric diseases: An update. <i>European Journal of Neurology</i> , 2021, 28, 1056-1081.	1.7	44
7	Monitoring vascular normalization induced by antiangiogenic treatment with ¹⁸ F-fluoromisonidazole-PET. <i>Molecular Oncology</i> , 2016, 10, 704-718.	2.1	36
8	Meningiomas: A Comparative Study of ⁶⁸ Ga-DOTATOC, ⁶⁸ Ga-DOTANOC and ⁶⁸ Ga-DOTATATE for Molecular Imaging in Mice. <i>PLoS ONE</i> , 2014, 9, e111624.	1.1	31
9	Response to Deep Brain Stimulation in the Lateral Hypothalamic Area in a Rat Model of Obesity: In Vivo Assessment of Brain Glucose Metabolism. <i>Molecular Imaging and Biology</i> , 2014, 16, 830-837.	1.3	30
10	Automated Method for Small-Animal PET Image Registration with Intrinsic Validation. <i>Molecular Imaging and Biology</i> , 2009, 11, 107-113.	1.3	29
11	Risperidone administered during adolescence induced metabolic, anatomical and inflammatory/oxidative changes in adult brain: A PET and MRI study in the maternal immune stimulation animal model. <i>European Neuropsychopharmacology</i> , 2019, 29, 880-896.	0.3	27
12	A novel approach to investigate neuronal network activity patterns affected by deep brain stimulation in rats. <i>Journal of Psychiatric Research</i> , 2011, 45, 927-930.	1.5	23
13	Improving PET Quantification of Small Animal [⁶⁸ Ga]DOTA-Labeled PET/CT Studies by Using a CT-Based Positron Range Correction. <i>Molecular Imaging and Biology</i> , 2018, 20, 584-593.	1.3	20
14	Differential Patterns of Subcortical Activity Evoked by Glial GLT-1 Blockade in Prelimbic and Infralimbic Cortex: Relationship to Antidepressant-Like Effects in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 988-993.	1.0	17
15	Transcranial direct current stimulation does not improve memory deficits or alter pathological hallmarks in a rodent model of Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 2019, 114, 93-98.	1.5	14
16	An Update on the Exploratory Use of Curcumin in Neuropsychiatric Disorders. <i>Antioxidants</i> , 2022, 11, 353.	2.2	14
17	Omega-3 fatty acids during adolescence prevent schizophrenia-related behavioural deficits: Neurophysiological evidences from the prenatal viral infection with PolyI:C. <i>European Neuropsychopharmacology</i> , 2021, 46, 14-27.	0.3	13
18	Dronedarone produces early regression of myocardial remodelling in structural heart disease. <i>PLoS ONE</i> , 2017, 12, e0188442.	1.1	12

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19	Chronic Cannabinoid Administration to Periadolescent Rats Modulates the Metabolic Response to Acute Cocaine in the Adult Brain. <i>Molecular Imaging and Biology</i> , 2011, 13, 411-415.	1.3	11
20	Stimulating the nucleus accumbens in obesity: A positron emission tomography study after deep brain stimulation in a rodent model. <i>PLoS ONE</i> , 2018, 13, e0204740.	1.1	11
21	A Characterization of the Effects of Minocycline Treatment During Adolescence on Structural, Metabolic, and Oxidative Stress Parameters in a Maternal Immune Stimulation Model of Neurodevelopmental Brain Disorders. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 734-748.	1.0	11
22	Understanding Deep Brain Stimulation: In Vivo Metabolic Consequences of the Electrode Insertional Effect. <i>BioMed Research International</i> , 2018, 2018, 1-6.	0.9	10
23	Response to Deep Brain Stimulation in Three Brain Targets with Implications in Mental Disorders: A PET Study in Rats. <i>PLoS ONE</i> , 2016, 11, e0168689.	1.1	8
24	Functional neuroimaging of amphetamine-induced striatal neurotoxicity in the pleiotrophin knockout mouse model. <i>Neuroscience Letters</i> , 2015, 591, 132-137.	1.0	7
25	Exploratory study of the long-term footprint of deep brain stimulation on brain metabolism and neuroplasticity in an animal model of obesity. <i>Scientific Reports</i> , 2021, 11, 5580.	1.6	5
26	A SPECT Scanner for Rodent Imaging Based on Small-Area Gamma Cameras. <i>IEEE Transactions on Nuclear Science</i> , 2010, 57, 2524-2531.	1.2	4
27	Neuroimaging reveals distinct brain glucose metabolism patterns associated with morphine consumption in Lewis and Fischer 344 rat strains. <i>Scientific Reports</i> , 2022, 12, 4643.	1.6	4
28	Validation of a retrospective respiratory gating method for small-animal CT scanners. , 2008, , .		3
29	A Novel Bayesian Linear Regression Model for the Analysis of Neuroimaging Data. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2571.	1.3	2
30	Functional segmentation of dynamic PET studies: Open source implementation and validation of a leader-follower-based algorithm. <i>Computers in Biology and Medicine</i> , 2016, 69, 181-188.	3.9	1
31	Positron Emission Tomography of the. <i>Neuroinformatics</i> , 2021, , 281-305.	0.2	0
32	In vivo Positron Emission Tomography to Reveal Activity Patterns Induced by Deep Brain Stimulation in Rats. <i>Journal of Visualized Experiments</i> , 2022, , .	0.2	0