

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

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552369

26
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37
all docs

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docs citations

37
times ranked

1226
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | An Update on the Exploratory Use of Curcumin in Neuropsychiatric Disorders. <i>Antioxidants</i> , 2022, 11, 353. | 2.2 | 14 |
| 2 | A Novel Bayesian Linear Regression Model for the Analysis of Neuroimaging Data. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2571. | 1.3 | 2 |
| 3 | 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 |
| 4 | 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 |
| 5 | Minocycline in neurodegenerative and psychiatric diseases: An update. <i>European Journal of Neurology</i> , 2021, 28, 1056-1081. | 1.7 | 44 |
| 6 | 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 |
| 7 | Omega-3 fatty acids during adolescence prevent schizophrenia-related behavioural deficits: Neurophysiological evidences from the prenatal viral infection with Poly:C. <i>European Neuropsychopharmacology</i> , 2021, 46, 14-27. | 0.3 | 13 |
| 8 | 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 |
| 9 | Positron Emission Tomography of the. <i>Neuroinformatics</i> , 2021, , 281-305. | 0.2 | 0 |
| 10 | 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 |
| 11 | 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 |
| 12 | Improving PET Quantification of Small Animal [68Ga]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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Dronedarone produces early regression of myocardial remodelling in structural heart disease. <i>PLoS ONE</i> , 2017, 12, e0188442. | 1.1 | 12 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | Monitoring vascular normalization induced by antiangiogenic treatment with ¹⁸ F-fluoromisonidazole-PET. <i>Molecular Oncology</i> , 2016, 10, 704-718. | 2.1 | 36 |
| 20 | 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 |
| 21 | 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 |
| 22 | Functional neuroimaging of amphetamine-induced striatal neurotoxicity in the pleiotrophin knockout mouse model. <i>Neuroscience Letters</i> , 2015, 591, 132-137. | 1.0 | 7 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Automated Method for Small-Animal PET Image Registration with Intrinsic Validation. <i>Molecular Imaging and Biology</i> , 2009, 11, 107-113. | 1.3 | 29 |
| 30 | 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 |
| 31 | Validation of a retrospective respiratory gating method for small-animal CT scanners. , 2008, , . | | 3 |
| 32 | 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 |