

Pablo Bascuñana

List of Publications by Year in descending order

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papers

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687363

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#	ARTICLE	IF	CITATIONS
1	Machine Learning-Supported Analyses Improve Quantitative Histological Assessments of Amyloid- β Deposits and Activated Microglia. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 597-605.	2.6	11
2	Development of deep learning models for microglia analyses in brain tissue using DeePathology [®] and STUDIO. <i>Journal of Neuroscience Methods</i> , 2021, 364, 109371.	2.5	14
3	^{99m} Tc-HMPAO SPECT imaging reveals brain hypoperfusion during status epilepticus. <i>Metabolic Brain Disease</i> , 2021, 36, 2597-2602.	2.9	5
4	Dimethyl fumarate does not mitigate cognitive decline and β -amyloidosis in female APPS1 mice. <i>Brain Research</i> , 2021, 1768, 147579.	2.2	15
5	A New Tool for the Analysis of the Effect of Intracerebrally Injected Anti-Amyloid- β Compounds. <i>Journal of Alzheimer's Disease</i> , 2021, , 1-14.	2.6	2
6	Choice of anesthesia and data analysis method strongly increases sensitivity of ¹⁸ F-FDG PET imaging during experimental epileptogenesis. <i>PLoS ONE</i> , 2021, 16, e0260482.	2.5	2
7	Strategies to gain novel Alzheimer's disease diagnostics and therapeutics using modulators of ABCA transporters.. <i>Free Neuropathology</i> , 2021, 2, .	3.0	9
8	Divergent metabolic substrate utilization in brain during epileptogenesis precedes chronic hypometabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 204-213.	4.3	13
9	Proof-of-concept that network pharmacology is effective to modify development of acquired temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2020, 134, 104664.	4.4	24
10	¹¹ C-Methionine PET Identifies Astroglia Involvement in Heart-Brain Inflammation Networking After Acute Myocardial Infarction. <i>Journal of Nuclear Medicine</i> , 2020, 61, 977-980.	5.0	18
11	Fingolimod as a Treatment in Neurologic Disorders Beyond Multiple Sclerosis. <i>Drugs in R and D</i> , 2020, 20, 197-207.	2.2	29
12	Detection and Prediction of Mild Cognitive Impairment in Alzheimer's Disease Mice. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1209-1221.	2.6	4
13	TSPO PET Identifies Different Anti-inflammatory Minocycline Treatment Response in Two Rodent Models of Epileptogenesis. <i>Neurotherapeutics</i> , 2020, 17, 1228-1238.	4.4	10
14	Vesicular ATP-binding cassette transporters in human disease: relevant aspects of their organization for future drug development. <i>Future Drug Discovery</i> , 2020, 2, .	2.1	8
15	New Tricks for an Aging Dog. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009452.	2.6	1
16	Ex vivo characterization of neuroinflammatory and neuroreceptor changes during epileptogenesis using candidate positron emission tomography biomarkers. <i>Epilepsia</i> , 2019, 60, 2325-2333.	5.1	9
17	Attenuation of epileptogenesis by 2-deoxy-d-glucose is accompanied by increased cerebral glucose supply, microglial activation and reduced astrocytosis. <i>Neurobiology of Disease</i> , 2019, 130, 104510.	4.4	10
18	PET Neuroimaging Reveals Serotonergic and Metabolic Dysfunctions in the Hippocampal Electrical Kindling Model of Epileptogenesis. <i>Neuroscience</i> , 2019, 409, 101-110.	2.3	7

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19	Anesthesia and Preconditioning Induced Changes in Mouse Brain [18F] FDG Uptake and Kinetics. <i>Molecular Imaging and Biology</i> , 2019, 21, 1089-1096.	2.6	18
20	[¹⁸ F]GE-180 positron emission tomographic imaging indicates a potential double-hit insult in the intrahippocampal kainate mouse model of temporal lobe epilepsy. <i>Epilepsia</i> , 2018, 59, 617-626.	5.1	20
21	Metyrapone prevents acute glucose hypermetabolism and short-term brain damage induced by intrahippocampal administration of 4-aminopyridine in rats. <i>Neurochemistry International</i> , 2018, 113, 92-106.	3.8	5
22	Targeting Chemokine Receptor CXCR4 and Translocator Protein for Characterization of High-Risk Plaque in Carotid Stenosis Ex Vivo. <i>Stroke</i> , 2018, 49, 1988-1991.	2.0	8
23	Blood-Brain Barrier Leakage during Early Epileptogenesis Is Associated with Rapid Remodeling of the Neurovascular Unit. <i>ENeuro</i> , 2018, 5, ENEURO.0123-18.2018.	1.9	45
24	Metyrapone prevents brain damage induced by status epilepticus in the rat lithium-pilocarpine model. <i>Neuropharmacology</i> , 2017, 123, 261-273.	4.1	21
25	Serial Quantitative TSPO-Targeted PET Reveals Peak Microglial Activation up to 2 Weeks After an Epileptogenic Brain Insult. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1302-1308.	5.0	50
26	[18F]FDG PET Neuroimaging Predicts Pentylentetrazole (PTZ) Kindling Outcome in Rats. <i>Molecular Imaging and Biology</i> , 2016, 18, 733-740.	2.6	17
27	The insulin-like growth factor I receptor regulates glucose transport by astrocytes. <i>Glia</i> , 2016, 64, 1962-1971.	4.9	50
28	Isoflurane prevents acquired epilepsy in rat models of temporal lobe epilepsy. <i>Annals of Neurology</i> , 2016, 80, 896-908.	5.3	56
29	Serotonin Depletion Does not Modify the Short-Term Brain Hypometabolism and Hippocampal Neurodegeneration Induced by the Lithium-Pilocarpine Model of Status Epilepticus in Rats. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 513-519.	3.3	9
30	Subacute administration of fluoxetine prevents short-term brain hypometabolism and reduces brain damage markers induced by the lithium-pilocarpine model of epilepsy in rats. <i>Brain Research Bulletin</i> , 2015, 111, 36-47.	3.0	25
31	In Vivo [18F] FDG PET Imaging Reveals that p-Chloroamphetamine Neurotoxicity is Associated with Long-Term Cortical and Hippocampal Hypometabolism. <i>Molecular Imaging and Biology</i> , 2015, 17, 239-247.	2.6	3
32	N-(4-[18F]-fluoropyridin-2-yl)-N-[2-[4-(2-methoxyphenyl)piperazin-1-yl]ethyl]carboxamides as analogs of WAY100635. New PET tracers of serotonin 5-HT1A receptors. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 795-806.	5.5	6
33	Isotope-labeled amyloid β^2 does not transmit to the brain in a prion-like manner after peripheral administration. <i>EMBO Reports</i> , 0, , .	4.5	7