

# Pablo Bascuñana

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

531  
citations

687363

13  
h-index

713466

21  
g-index

34  
all docs

34  
docs citations

34  
times ranked

860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isoflurane prevents acquired epilepsy in rat models of temporal lobe epilepsy. <i>Annals of Neurology</i> , 2016, 80, 896-908.	5.3	56
2	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
3	The insulin-like growth factor I receptor regulates glucose transport by astrocytes. <i>Glia</i> , 2016, 64, 1962-1971.	4.9	50
4	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
5	Fingolimod as a Treatment in Neurologic Disorders Beyond Multiple Sclerosis. <i>Drugs in R and D</i> , 2020, 20, 197-207.	2.2	29
6	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
7	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
8	Metyrapone prevents brain damage induced by status epilepticus in the rat lithium-pilocarpine model. <i>Neuropharmacology</i> , 2017, 123, 261-273.	4.1	21
9	[ <sup>18</sup> 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
10	Anesthesia and Preconditioning Induced Changes in Mouse Brain [ <sup>18</sup> F] FDG Uptake and Kinetics. <i>Molecular Imaging and Biology</i> , 2019, 21, 1089-1096.	2.6	18
11	[ <sup>11</sup> 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
12	[ <sup>18</sup> F]FDG PET Neuroimaging Predicts Pentylentetrazole (PTZ) Kindling Outcome in Rats. <i>Molecular Imaging and Biology</i> , 2016, 18, 733-740.	2.6	17
13	Dimethyl fumarate does not mitigate cognitive decline and A $\beta$ -amyloidosis in female APPS1 mice. <i>Brain Research</i> , 2021, 1768, 147579.	2.2	15
14	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
15	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
16	Machine Learning-Supported Analyses Improve Quantitative Histological Assessments of Amyloid- $\beta$ Deposits and Activated Microglia. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 597-605.	2.6	11
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	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

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19	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
20	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
21	Strategies to gain novel Alzheimer's disease diagnostics and therapeutics using modulators of ABCA transporters.. <i>Free Neuropathology</i> , 2021, 2, .	3.0	9
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	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
24	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
25	Isotope-labeled amyloid- $\beta^2$ does not transmit to the brain in a prion-like manner after peripheral administration. <i>EMBO Reports</i> , 0, , .	4.5	7
26	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-HT <sub>1A</sub> receptors. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 795-806.	5.5	6
27	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
28	<sup>99m</sup> Tc-HMPAO SPECT imaging reveals brain hypoperfusion during status epilepticus. <i>Metabolic Brain Disease</i> , 2021, 36, 2597-2602.	2.9	5
29	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
30	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
31	A New Tool for the Analysis of the Effect of Intracerebrally Injected Anti-Amyloid- $\beta^2$ Compounds. <i>Journal of Alzheimer's Disease</i> , 2021, , 1-14.	2.6	2
32	Choice of anesthesia and data analysis method strongly increases sensitivity of 18F-FDG PET imaging during experimental epileptogenesis. <i>PLoS ONE</i> , 2021, 16, e0260482.	2.5	2
33	New Tricks for an Aging Dog. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009452.	2.6	1