Javier Alegre-Abarrategui

List of Publications by Year
in descending order

25 papers	7,344 citations	430442 18 h-index	610482 24 g-index
26 all docs	26 docs citations	26 times ranked	15146 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
2	The new mutation, E46K, of α-synuclein causes parkinson and Lewy body dementia. Annals of Neurology, 2004, 55, 164-173.	2.8	2,367
3	LRRK2 regulates autophagic activity and localizes to specific membrane microdomains in a novel human genomic reporter cellular model. Human Molecular Genetics, 2009, 18, 4022-4034.	1.4	402
4	Alpha-synuclein oligomers: a new hope. Acta Neuropathologica, 2017, 134, 819-838.	3.9	260
5	Direct visualization of alpha-synuclein oligomers reveals previously undetected pathology in Parkinson's disease brain. Brain, 2015, 138, 1642-1657.	3.7	211
6	A single-cell atlas of the human substantia nigra reveals cell-specific pathways associated with neurological disorders. Nature Communications, 2020, 11, 4183.	5.8	178
7	A novel method for autophagy detection in primary cells. Autophagy, 2012, 8, 677-689.	4.3	141
8	RNA dysfunction and aggrephagy at the centre of an amyotrophic lateral sclerosis/frontotemporal dementia disease continuum. Brain, 2013, 136, 1345-1360.	3.7	76
9	LRRK2 is a component of granular alpha-synuclein pathology in the brainstem of Parkinson's disease. Neuropathology and Applied Neurobiology, 2008, 34, 272-283.	1.8	69
10	Mitochondrial dysfunction and increased glycolysis in prodromal and early Parkinson's blood cells. Movement Disorders, 2018, 33, 1580-1590.	2.2	69
11	Single-copy expression of an amyotrophic lateral sclerosis-linked TDP-43 mutation (M337V) in BAC transgenic mice leads to altered stress granule dynamics and progressive motor dysfunction. Neurobiology of Disease, 2019, 121, 148-162.	2.1	62
12	<i>LRRK2</i> BAC transgenic rats develop progressive, L-DOPA-responsive motor impairment, and deficits in dopamine circuit function. Human Molecular Genetics, 2016, 25, 951-963.	1.4	58
13	Selective vulnerability in α-synucleinopathies. Acta Neuropathologica, 2019, 138, 681-704.	3.9	58
14	Parkinson disease, LRRK2 and the endocytic-autophagic pathway. Autophagy, 2009, 5, 1208-1210.	4.3	47
15	TARDBP pathogenic mutations increase cytoplasmic translocation of TDP-43 and cause reduction of endoplasmic reticulum Ca2+ signaling in motor neurons. Neurobiology of Disease, 2015, 75, 64-77.	2.1	45
16	Detection of alpha‐synuclein conformational variants from gastro‐intestinal biopsy tissue as a potential biomarker for Parkinson's disease. Neuropathology and Applied Neurobiology, 2018, 44, 722-736.	1.8	39
17	Impairment of Macroautophagy in Dopamine Neurons Has Opposing Effects on Parkinsonian Pathology and Behavior. Cell Reports, 2019, 29, 920-931.e7.	2.9	29
18	Tau-proximity ligation assay reveals extensive previously undetected pathology prior to neurofibrillary tangles in preclinical Alzheimer's disease. Acta Neuropathologica Communications, 2021, 9, 18.	2.4	23

#	Article	IF	Citations
19	A GAA repeat expansion reporter model of Friedreich's ataxia recapitulates the genomic context and allows rapid screening of therapeutic compounds. Human Molecular Genetics, 2013, 22, 5173-5187.	1.4	22
20	Alpha-Synuclein Proximity Ligation Assay (AS-PLA) in Brain Sections to Probe for Alpha-Synuclein Oligomers. Methods in Molecular Biology, 2019, 1948, 69-76.	0.4	16
21	Multisystem screening reveals <scp>SARSâ€CoV</scp>â€‑2 in neurons of the myenteric plexus and in megakaryocytes. Journal of Pathology, 2022, 257, 198-217.	2.1	16
22	On the Diagnosis of CADASIL. Journal of Alzheimer's Disease, 2009, 17, 787-794.	1.2	14
23	Insights into LRRK2 function and dysfunction from transgenic and knockout rodent models. Biochemical Society Transactions, 2012, 40, 1080-1085.	1.6	13
24	A rare case of atypical skull base meningioma with perineural spread. Journal of Radiology Case Reports, 2015, 9, 1-14.	0.2	4
25	A case of cyclic cushingâ€™s disease â€" cortisol surfing; catching the cortisol wave!. Endocrine Abstracts, 0, , .	0.0	0