

Mathieu Bourdenx

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

4,307
citations

257450

24
h-index

315739

38
g-index

45
all docs

45
docs citations

45
times ranked

6865
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	Targeting α -synuclein for treatment of Parkinson's disease: mechanistic and therapeutic considerations. <i>Lancet Neurology</i> , The, 2015, 14, 855-866.	10.2	393
3	Pathophysiology of L-dopa-induced motor and non-motor complications in Parkinson's disease. <i>Progress in Neurobiology</i> , 2015, 132, 96-168.	5.7	379
4	Selective autophagy as a potential therapeutic target for neurodegenerative disorders. <i>Lancet Neurology</i> , The, 2018, 17, 802-815.	10.2	269
5	Chaperone-mediated autophagy prevents collapse of the neuronal metastable proteome. <i>Cell</i> , 2021, 184, 2696-2714.e25.	28.9	151
6	The different autophagy degradation pathways and neurodegeneration. <i>Neuron</i> , 2022, 110, 935-966.	8.1	150
7	Nanoparticles restore lysosomal acidification defects: Implications for Parkinson and other lysosomal-related diseases. <i>Autophagy</i> , 2016, 12, 472-483.	9.1	146
8	Protein aggregation and neurodegeneration in prototypical neurodegenerative diseases: Examples of amyloidopathies, tauopathies and synucleinopathies. <i>Progress in Neurobiology</i> , 2017, 155, 171-193.	5.7	137
9	Proteome-wide analysis of chaperone-mediated autophagy targeting motifs. <i>PLoS Biology</i> , 2019, 17, e3000301.	5.6	136
10	Bidirectional gut-to-brain and brain-to-gut propagation of synucleinopathy in non-human primates. <i>Brain</i> , 2020, 143, 1462-1475.	7.6	135
11	Exosomes, an Unmasked Culprit in Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2017, 11, 26.	2.8	110
12	Acetylated tau inhibits chaperone-mediated autophagy and promotes tau pathology propagation in mice. <i>Nature Communications</i> , 2021, 12, 2238.	12.8	101
13	In vitro α -synuclein neurotoxicity and spreading among neurons and astrocytes using Lewy body extracts from Parkinson disease brains. <i>Neurobiology of Disease</i> , 2017, 103, 101-112.	4.4	96
14	Lack of additive role of ageing in nigrostriatal neurodegeneration triggered by α -synuclein overexpression. <i>Acta Neuropathologica Communications</i> , 2015, 3, 46.	5.2	88
15	Lysosomes and α -synuclein form a dangerous duet leading to neuronal cell death. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 83.	1.7	76
16	Selective Inactivation of Striatal FosB/ Δ FosB-Expressing Neurons Alleviates L-DOPA-Induced Dyskinesia. <i>Biological Psychiatry</i> , 2016, 79, 354-361.	1.3	68
17	Systemic gene delivery to the central nervous system using Adeno-associated virus. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 50.	2.9	65
18	Transcription factor EB overexpression prevents neurodegeneration in experimental synucleinopathies. <i>JCI Insight</i> , 2019, 4, .	5.0	54

#	ARTICLE	IF	CITATIONS
19	Targeting α -synuclein: Therapeutic options. <i>Movement Disorders</i> , 2016, 31, 882-888.	3.9	37
20	Identification of distinct pathological signatures induced by patient-derived α -synuclein structures in nonhuman primates. <i>Science Advances</i> , 2020, 6, eaaz9165.	10.3	34
21	Reciprocal regulation of chaperone-mediated autophagy and the circadian clock. <i>Nature Cell Biology</i> , 2021, 23, 1255-1270.	10.3	33
22	Rare variants in the neuronal ceroid lipofuscinosis gene MFSD8 are candidate risk factors for frontotemporal dementia. <i>Acta Neuropathologica</i> , 2019, 137, 71-88.	7.7	29
23	Protective role of chaperone-mediated autophagy against atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121133119.	7.1	29
24	Abnormal structure-specific peptide transmission and processing in a primate model of Parkinson's disease and L-DOPA-induced dyskinesia. <i>Neurobiology of Disease</i> , 2014, 62, 307-312.	4.4	25
25	Lack of spontaneous age-related brain pathology in <i>Octodon degus</i> : a reappraisal of the model. <i>Scientific Reports</i> , 2017, 7, 45831.	3.3	21
26	Chaperone-mediated autophagy: a gatekeeper of neuronal proteostasis. <i>Autophagy</i> , 2021, 17, 2040-2042.	9.1	21
27	What lysosomes actually tell us about Parkinson's disease?. <i>Ageing Research Reviews</i> , 2016, 32, 140-149.	10.9	19
28	CB1-receptor-mediated inhibitory LTD triggers presynaptic remodeling via protein synthesis and ubiquitination. <i>ELife</i> , 2020, 9, .	6.0	19
29	Brain injections of glial cytoplasmic inclusions induce a multiple system atrophy-like pathology. <i>Brain</i> , 2022, 145, 1001-1017.	7.6	14
30	D1 dopamine receptor stimulation impairs striatal proteasome activity in Parkinsonism through 26S proteasome disassembly. <i>Neurobiology of Disease</i> , 2015, 78, 77-87.	4.4	10
31	In utero delivery of rAAV2/9 induces neuronal expression of the transgene in the brain: towards new models of Parkinson's disease. <i>Gene Therapy</i> , 2017, 24, 801-809.	4.5	8
32	Involvement of the bed nucleus of the stria terminalis in L-Dopa induced dyskinesia. <i>Scientific Reports</i> , 2017, 7, 2348.	3.3	6
33	Down-regulating α -synuclein for treating synucleopathies. <i>Movement Disorders</i> , 2014, 29, 1463-1465.	3.9	4
34	Early prenatal exposure to MPTP does not affect nigrostriatal neurons in macaque monkey. <i>Synapse</i> , 2016, 70, 52-56.	1.2	3
35	DNA as the next digital information storage support. <i>Movement Disorders</i> , 2013, 28, 583-583.	3.9	1
36	Systemic Gene Delivery by Single-Dose Intracardiac Administration of scAAV2/9 and scAAV2/rh10 Variants in Newborn Rats. <i>Human Gene Therapy Methods</i> , 2018, 29, 189-199.	2.1	1

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37	Phosphorylation of α -Synuclein at ser120 accelerates neurodegeneration. <i>Movement Disorders</i> , 2013, 28, 441-441.	3.9	0
38	Allograft of stem cell-derived dopaminergic neurons for Parkinson's disease. <i>Movement Disorders</i> , 2013, 28, 736-736.	3.9	0
39	Alpha-synuclein inoculation initiates a neurodegenerative cascade in nontransgenic mice. <i>Movement Disorders</i> , 2013, 28, 126-126.	3.9	0