

Stephane Hunot

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56

papers

13,093

citations

38

h-index

61

g-index

61

ext. papers

14,855

ext. citations

9.4

avg, IF

6.04

L-index

#	Paper	IF	Citations
56	Neuroinflammation in Alzheimer's disease. <i>Lancet Neurology, The</i> , 2015 , 14, 388-405	24.1	2760
55	Neuroinflammation in Parkinson's disease: a target for neuroprotection?. <i>Lancet Neurology, The</i> , 2009 , 8, 382-97	24.1	1326
54	Infiltration of CD4+ lymphocytes into the brain contributes to neurodegeneration in a mouse model of Parkinson disease. <i>Journal of Clinical Investigation</i> , 2009 , 119, 182-92	15.9	668
53	Nuclear translocation of NF-kappaB is increased in dopaminergic neurons of patients with parkinson disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 7531-6	11.5	594
52	Caspase-3: A vulnerability factor and final effector in apoptotic death of dopaminergic neurons in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 2875-80	11.5	586
51	Cyclooxygenase-2 is instrumental in Parkinson's disease neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 5473-8	11.5	545
50	Nitric oxide synthase and neuronal vulnerability in Parkinson's disease. <i>Neuroscience</i> , 1996 , 72, 355-63	3.9	485
49	Neuroinflammation in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2012 , 18 Suppl 1, S210-2	3.6	411
48	FcepsilonRII/CD23 is expressed in Parkinson's disease and induces, in vitro, production of nitric oxide and tumor necrosis factor-alpha in glial cells. <i>Journal of Neuroscience</i> , 1999 , 19, 3440-7	6.6	369
47	JNK-mediated induction of cyclooxygenase 2 is required for neurodegeneration in a mouse model of Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 665-70	11.5	350
46	The role of glial reaction and inflammation in Parkinson's disease. <i>Annals of the New York Academy of Sciences</i> , 2003 , 991, 214-28	6.5	344
45	Divalent metal transporter 1 (DMT1) contributes to neurodegeneration in animal models of Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 18578-83	11.5	314
44	Understanding Dopaminergic Cell Death Pathways in Parkinson Disease. <i>Neuron</i> , 2016 , 90, 675-91	13.9	307
43	Cholinergic mesencephalic neurons are involved in gait and postural disorders in Parkinson disease. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2745-54	15.9	301
42	Neuroinflammatory processes in Parkinson's disease. <i>Annals of Neurology</i> , 2003 , 53 Suppl 3, S49-58; discussion S58-60	9.4	298
41	Targeting Bsynuclein for treatment of Parkinson's disease: mechanistic and therapeutic considerations. <i>Lancet Neurology, The</i> , 2015 , 14, 855-866	24.1	286
40	Deficiency in caspase-9 or caspase-3 induces compensatory caspase activation. <i>Nature Medicine</i> , 2000 , 6, 1241-7	50.5	282

39	Glial cells and inflammation in Parkinson's disease: a role in neurodegeneration?. <i>Annals of Neurology</i> , 1998 , 44, S115-20	9.4	259
38	Caspase knockouts: matters of life and death. <i>Cell Death and Differentiation</i> , 1999 , 6, 1043-53	12.7	240
37	Caspase-8 is an effector in apoptotic death of dopaminergic neurons in Parkinson's disease, but pathway inhibition results in neuronal necrosis. <i>Journal of Neuroscience</i> , 2001 , 21, 2247-55	6.6	222
36	The pRb/E2F cell-cycle pathway mediates cell death in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3585-90	11.5	217
35	Microglial glucocorticoid receptors play a pivotal role in regulating dopaminergic neurodegeneration in parkinsonism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6632-7	11.5	159
34	Neuroinflammatory processes in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2005 , 11 Suppl 1, S9-S15	3.6	154
33	An immunohistochemical study of the distribution of brain-derived neurotrophic factor in the adult human brain, with particular reference to Alzheimer's disease. <i>Neuroscience</i> , 1999 , 88, 1015-32	3.9	145
32	Nuclear translocation of NF-kappaB in cholinergic neurons of patients with Alzheimer's disease. <i>NeuroReport</i> , 1997 , 8, 2849-52	1.7	138
31	Dopaminergic neurons degenerate by apoptosis in Parkinson's disease. <i>Movement Disorders</i> , 1999 , 14, 383-5	7	127
30	Hippocampal T cell infiltration promotes neuroinflammation and cognitive decline in a mouse model of tauopathy. <i>Brain</i> , 2017 , 140, 184-200	11.2	112
29	Toll like receptor 4 mediates cell death in a mouse MPTP model of Parkinson disease. <i>Scientific Reports</i> , 2013 , 3, 1393	4.9	107
28	Neurochemokines: a menage a trois providing new insights on the functions of chemokines in the central nervous system. <i>Journal of Neurochemistry</i> , 2011 , 118, 680-94	6	102
27	Lack of up-regulation of ferritin is associated with sustained iron regulatory protein-1 binding activity in the substantia nigra of patients with Parkinson's disease. <i>Journal of Neurochemistry</i> , 2002 , 83, 320-30	6	92
26	Glial cell line-derived neurotrophic factor (GDNF) gene expression in the human brain: a post mortem in situ hybridization study with special reference to Parkinson's disease. <i>Journal of Neural Transmission</i> , 1996 , 103, 1043-52	4.3	76
25	Role of TNF-alpha receptors in mice intoxicated with the parkinsonian toxin MPTP. <i>Experimental Neurology</i> , 2002 , 177, 183-92	5.7	70
24	Modelling Parkinson-like neurodegeneration via osmotic minipump delivery of MPTP and probenecid. <i>Journal of Neurochemistry</i> , 2008 , 107, 701-11	6	61
23	Effects of oral administration of rotenone on gastrointestinal functions in mice. <i>Neurogastroenterology and Motility</i> , 2013 , 25, e183-93	4	51
22	Nitric oxide, glial cells and neuronal degeneration in parkinsonism. <i>Trends in Pharmacological Sciences</i> , 2000 , 21, 163-5	13.2	49

21	Apoptosis. Death of a monopoly?. <i>Science</i> , 2001 , 292, 865-6	33.3	49
20	Inflammation and dopaminergic neuronal loss in Parkinson's disease: a complex matter. <i>Experimental Neurology</i> , 2003 , 184, 561-4	5.7	47
19	Adaptive preconditioning in neurological diseases - therapeutic insights from proteostatic perturbations. <i>Brain Research</i> , 2016 , 1648, 603-616	3.7	39
18	Analysis of monocyte infiltration in MPTP mice reveals that microglial CX3CR1 protects against neurotoxic over-induction of monocyte-attracting CCL2 by astrocytes. <i>Journal of Neuroinflammation</i> , 2017 , 14, 60	10.1	37
17	The inflammatory response in the Parkinson brain. <i>Clinical Neuroscience Research</i> , 2001 , 1, 434-443		33
16	Trk neurotrophin receptors in cholinergic neurons of patients with Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 1997 , 8, 1-8	2.6	31
15	A viral peptide that targets mitochondria protects against neuronal degeneration in models of Parkinson's disease. <i>Nature Communications</i> , 2014 , 5, 5181	17.4	30
14	Heat shock protein 60: an endogenous inducer of dopaminergic cell death in Parkinson disease. <i>Journal of Neuroinflammation</i> , 2014 , 11, 86	10.1	30
13	Glucocorticoid receptor in astrocytes regulates midbrain dopamine neurodegeneration through connexin hemichannel activity. <i>Cell Death and Differentiation</i> , 2019 , 26, 580-596	12.7	29
12	Glial cell participation in the degeneration of dopaminergic neurons in Parkinson's disease. <i>Advances in Neurology</i> , 1999 , 80, 9-18		29
11	Pleiotrophin receptor RPTP-zeta/beta expression is up-regulated by L-DOPA in striatal medium spiny neurons of parkinsonian rats. <i>Journal of Neurochemistry</i> , 2008 , 107, 443-52	6	19
10	Tumor necrosis factor-like weak inducer of apoptosis induces astrocyte proliferation through the activation of transforming-growth factor- β /epidermal growth factor receptor signaling pathway. <i>Molecular Pharmacology</i> , 2012 , 82, 948-57	4.3	15
9	Strain 130b Evades Macrophage Cell Death Independent of the Effector SidF in the Absence of Flagellin. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 35	5.9	13
8	Neutral Sphingomyelinase Behaviour in Hippocampus Neuroinflammation of MPTP-Induced Mouse Model of Parkinson's Disease and in Embryonic Hippocampal Cells. <i>Mediators of Inflammation</i> , 2017 , 2017, 2470950	4.3	10
7	DAP12 and CD11b contribute to the microglial-induced death of dopaminergic neurons in vitro but not in vivo in the MPTP mouse model of Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2013 , 10, 82	10.1	9
6	Inflammation and Parkinson's disease. <i>Parkinson's Disease</i> , 2011 , 2011, 729054	2.6	8
5	Effect of Vitamin D in HN9.10e Embryonic Hippocampal Cells and in Hippocampus from MPTP-Induced Parkinson's Disease Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 31	6.1	7
4	MFGE8 does not orchestrate clearance of apoptotic neurons in a mouse model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2013 , 51, 192-201	7.5	7

3	e-Cadherin in 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine-Induced Parkinson Disease. <i>Mediators of Inflammation</i> , 2016 , 2016, 3937057	4-3	7
2	CD95 (APO-1/Fas) and Parkinson's disease. <i>Annals of Neurology</i> , 1998 , 44, 425-6	9-4	4
1	Modelling α -Synuclein Aggregation and Neurodegeneration with Fibril Seeds in Primary Cultures of Mouse Dopaminergic Neurons. <i>Cells</i> , 2022 , 11, 1640	7-9	2