

André C Leblanc

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,060
citations

331538

21
h-index

289141

40
g-index

43
all docs

43
docs citations

43
times ranked

2319
citing authors

#	ARTICLE	IF	CITATIONS
1	Active Caspase-6 and Caspase-6-Cleaved Tau in Neuropil Threads, Neuritic Plaques, and Neurofibrillary Tangles of Alzheimer's Disease. <i>American Journal of Pathology</i> , 2004, 165, 523-531.	1.9	261
2	Caspase-1 inhibition alleviates cognitive impairment and neuropathology in an Alzheimer's disease mouse model. <i>Nature Communications</i> , 2018, 9, 3916.	5.8	187
3	Neuroprotective functions of prion protein. <i>Journal of Neuroscience Research</i> , 2004, 75, 153-161.	1.3	156
4	Activation of Caspase-6 in Aging and Mild Cognitive Impairment. <i>American Journal of Pathology</i> , 2007, 170, 1200-1209.	1.9	143
5	Cellular prion protein neuroprotective function: implications in prion diseases. <i>Journal of Molecular Medicine</i> , 2005, 83, 3-11.	1.7	131
6	The Role of Apoptotic Pathways in Alzheimers Disease Neurodegeneration and Cell Death. <i>Current Alzheimer Research</i> , 2005, 2, 389-402.	0.7	106
7	Targets of Caspase-6 Activity in Human Neurons and Alzheimer Disease. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1541-1555.	2.5	105
8	Self-activation of Caspase-6 in vitro and in vivo: Caspase-6 activation does not induce cell death in HEK293T cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 592-601.	1.9	84
9	Processing of Amyloid Precursor Protein in Human Primary Neuron and Astrocyte Cultures. <i>Journal of Neurochemistry</i> , 1997, 68, 1183-1190.	2.1	78
10	Amyloid Precursor Protein Metabolism in Primary Cell Cultures of Neurons, Astrocytes, and Microglia. <i>Journal of Neurochemistry</i> , 1996, 66, 2300-2310.	2.1	73
11	Caspase-6 Activation in Familial Alzheimer Disease Brains Carrying Amyloid Precursor Protein or Presenilin I or Presenilin II Mutations. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 1282-1293.	0.9	68
12	Natural cellular inhibitors of caspases. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003, 27, 215-229.	2.5	65
13	Caspase-mediated cleavage of actin and tubulin is a common feature and sensitive marker of axonal degeneration in neural development and injury. <i>Acta Neuropathologica Communications</i> , 2014, 2, 16.	2.4	61
14	Identification of Caspase-6-Mediated Processing of the Valosin Containing Protein (p97) in Alzheimer's Disease: A Novel Link to Dysfunction in Ubiquitin Proteasome System-Mediated Protein Degradation. <i>Journal of Neuroscience</i> , 2010, 30, 6132-6142.	1.7	50
15	Pre-symptomatic Caspase-1 inhibitor delays cognitive decline in a mouse model of Alzheimer disease and aging. <i>Nature Communications</i> , 2020, 11, 4571.	5.8	50
16	Caspase-6 as a novel early target in the treatment of Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2013, 37, 2005-2018.	1.2	49
17	Cerebrospinal Fluid Tau Cleaved by Caspase-6 Reflects Brain Levels and Cognition in Aging and Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 824-832.	0.9	43
18	Caspase-6 activity predicts lower episodic memory ability in aged individuals. <i>Neurobiology of Aging</i> , 2013, 34, 1815-1824.	1.5	35

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19	Role of Endoplasmic Reticulum, Endosomal-Lysosomal Compartments, and Microtubules in Amyloid Precursor Protein Metabolism of Human Neurons. <i>Journal of Neurochemistry</i> , 2008, 72, 1832-1842.	2.1	34
20	Methylene Blue Inhibits Caspases by Oxidation of the Catalytic Cysteine. <i>Scientific Reports</i> , 2015, 5, 13730.	1.6	30
21	Expression and Activation of Caspase-6 in Human Fetal and Adult Tissues. <i>PLoS ONE</i> , 2013, 8, e79313.	1.1	26
22	Methylene blue inhibits Caspase-6 activity, and reverses Caspase-6-induced cognitive impairment and neuroinflammation in aged mice. <i>Acta Neuropathologica Communications</i> , 2019, 7, 210.	2.4	25
23	Increased Caspase-6 activity in the human anterior olfactory nuclei of the olfactory bulb is associated with cognitive impairment. <i>Acta Neuropathologica Communications</i> , 2016, 4, 127.	2.4	22
24	Caspase vinyl sulfone small molecule inhibitors prevent axonal degeneration in human neurons and reverse cognitive impairment in Caspase-6-overexpressing mice. <i>Molecular Neurodegeneration</i> , 2017, 12, 22.	4.4	22
25	The Consortium for the early identification of Alzheimer's disease—Quebec (CIMA-Q). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 787-796.	1.2	21
26	Therapeutic potential of Nlrp1 inflammasome, Caspase-1, or Caspase-6 against Alzheimer disease cognitive impairment. <i>Cell Death and Differentiation</i> , 2022, 29, 657-669.	5.0	18
27	Stem Cell-Derived Neurons as Cellular Models of Sporadic Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 893-910.	1.2	16
28	Identification of Allosteric Inhibitors against Active Caspase-6. <i>Scientific Reports</i> , 2019, 9, 5504.	1.6	15
29	Cytosolic prion protein is the predominant anti-Bax prion protein form: Exclusion of transmembrane and secreted prion protein forms in the anti-Bax function. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 2001-2012.	1.9	14
30	Differential susceptibility of striatal, hippocampal and cortical neurons to Caspase-6. <i>Cell Death and Differentiation</i> , 2018, 25, 1319-1335.	5.0	14
31	Familial prion protein mutants inhibit Hrd1-mediated retrotranslocation of misfolded proteins by depleting misfolded protein sensor BiP. <i>Human Molecular Genetics</i> , 2016, 25, 976-988.	1.4	12
32	Rare human Caspase-6-R65W and Caspase-6-G66R variants identify a novel regulatory region of Caspase-6 activity. <i>Scientific Reports</i> , 2018, 8, 4428.	1.6	9
33	Caspase-6-cleaved Tau fails to induce Tau hyperphosphorylation and aggregation, neurodegeneration, glial inflammation, and cognitive deficits. <i>Cell Death and Disease</i> , 2021, 12, 227.	2.7	9
34	Rare CASP6N73T variant associated with hippocampal volume exhibits decreased proteolytic activity, synaptic transmission defect, and neurodegeneration. <i>Scientific Reports</i> , 2021, 11, 12695.	1.6	8
35	Inflammation-Induced Tumorigenesis in Mouse Colon Is Caspase-6 Independent. <i>PLoS ONE</i> , 2014, 9, e114270.	1.1	8
36	Cyclin-dependent Kinase 5 Phosphorylation of Familial Prion Protein Mutants Exacerbates Conversion into Amyloid Structure. <i>Journal of Biological Chemistry</i> , 2015, 290, 5759-5771.	1.6	4

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37	Luman contributes to brefeldin A-induced prion protein gene expression by interacting with the ERSE26 element. <i>Scientific Reports</i> , 2017, 7, 42285.	1.6	4
38	Novel therapeutic target against Alzheimer. <i>Oncotarget</i> , 2017, 8, 48529-48530.	0.8	1
39	Introspective analysis of amyloid as the cause of Alzheimer's disease: alternative model proposed. <i>Future Neurology</i> , 2008, 3, 527-536.	0.9	0
40	O4-03-05: NLRP1 INFLAMMASOME REGULATES CASPASE-1-MEDIATED CASPASE-6 ACTIVATION IN HUMAN NEURONS. , 2014, 10, P255-P255.		0