

Linda J Van Eldik

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

5,822
citations

147726

31
h-index

223716

46
g-index

50
all docs

50
docs citations

50
times ranked

10616
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019, 51, 414-430.	9.4	1,962
2	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017, 49, 1373-1384.	9.4	783
3	Using mice to model Alzheimer's dementia: an overview of the clinical disease and the preclinical behavioral changes in 10 mouse models. <i>Frontiers in Genetics</i> , 2014, 5, 88.	1.1	562
4	Effects of Multiple Genetic Loci on Age at Onset in Late-Onset Alzheimer Disease. <i>JAMA Neurology</i> , 2014, 71, 1394.	4.5	166
5	The roles of inflammation and immune mechanisms in Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2016, 2, 99-109.	1.8	161
6	Suppression of acute proinflammatory cytokine and chemokine upregulation by post-injury administration of a novel small molecule improves long-term neurologic outcome in a mouse model of traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2008, 5, 28.	3.1	156
7	Self-reported memory complaints. <i>Neurology</i> , 2014, 83, 1359-1365.	1.5	151
8	"New Old Pathologies": AD, PART, and Cerebral Age-Related TDP-43 With Sclerosis (CARTS). <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 482-498.	0.9	130
9	Sex-related responses after traumatic brain injury: Considerations for preclinical modeling. <i>Frontiers in Neuroendocrinology</i> , 2018, 50, 52-66.	2.5	116
10	Comprehensive behavioral characterization of an APP/PS-1 double knock-in mouse model of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2013, 5, 28.	3.0	106
11	Targeting innate immunity for neurodegenerative disorders of the central nervous system. <i>Journal of Neurochemistry</i> , 2016, 138, 653-693.	2.1	106
12	Glial Activation Links Early-Life Seizures and Long-Term Neurologic Dysfunction: Evidence Using a Small Molecule Inhibitor of Proinflammatory Cytokine Upregulation. <i>Epilepsia</i> , 2007, 48, 1785-1800.	2.6	105
13	Brain pathologies in extreme old age. <i>Neurobiology of Aging</i> , 2016, 37, 1-11.	1.5	94
14	Early Stage Drug Treatment That Normalizes Proinflammatory Cytokine Production Attenuates Synaptic Dysfunction in a Mouse Model That Exhibits Age-Dependent Progression of Alzheimer's Disease-Related Pathology. <i>Journal of Neuroscience</i> , 2012, 32, 10201-10210.	1.7	91
15	Brain arteriolosclerosis. <i>Acta Neuropathologica</i> , 2021, 141, 1-24.	3.9	85
16	The Amygdala as a Locus of Pathologic Misfolding in Neurodegenerative Diseases. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 2-20.	0.9	77
17	Enhanced microglial activation and proinflammatory cytokine upregulation are linked to increased susceptibility to seizures and neurologic injury in a "two-hit" seizure model. <i>Brain Research</i> , 2009, 1282, 162-172.	1.1	76
18	Risk factors and global cognitive status related to brain arteriolosclerosis in elderly individuals. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 201-216.	2.4	69

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19	Closed Head Injury in an Age-Related Alzheimer Mouse Model Leads to an Altered Neuroinflammatory Response and Persistent Cognitive Impairment. <i>Journal of Neuroscience</i> , 2015, 35, 6554-6569.	1.7	68
20	Diffuse Brain Injury Induces Acute Post-Traumatic Sleep. <i>PLoS ONE</i> , 2014, 9, e82507.	1.1	64
21	Development of a novel therapeutic suppressor of brain proinflammatory cytokine up-regulation that attenuates synaptic dysfunction and behavioral deficits. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 414-418.	1.0	55
22	White matter integrity is associated with cerebrospinal fluid markers of Alzheimer's disease in normal adults. <i>Neurobiology of Aging</i> , 2014, 35, 2263-2271.	1.5	51
23	Development, validation and application of a new fornix template for studies of aging and preclinical Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2017, 13, 106-115.	1.4	48
24	Challenges and Considerations Related to Studying Dementia in Blacks/African Americans. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1-10.	1.2	48
25	Hippocampal Sclerosis but Not Normal Aging or Alzheimer Disease Is Associated With TDP-43 Pathology in the Basal Forebrain of Aged Persons. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 397-407.	0.9	40
26	Generation and Behavior Characterization of CaMKII β Knockout Mice. <i>PLoS ONE</i> , 2014, 9, e105191.	1.1	38
27	Attenuation of traumatic brain injury-induced cognitive impairment in mice by targeting increased cytokine levels with a small molecule experimental therapeutic. <i>Journal of Neuroinflammation</i> , 2015, 12, 69.	3.1	36
28	Inhibition of Neuronal p38 α , but not p38 β MAPK, Provides Neuroprotection Against Three Different Neurotoxic Insults. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 509-518.	1.1	35
29	Diffuse traumatic brain injury induces prolonged immune dysregulation and potentiates hyperalgesia following a peripheral immune challenge. <i>Molecular Pain</i> , 2016, 12, 174480691664705.	1.0	34
30	Diffuse Amyloid- β Plaques, Neurofibrillary Tangles, and the Impact of APOE in Elderly Persons' Brains Lacking Neuritic Amyloid Plaques. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 1307-1324.	1.2	34
31	Deletion of p38 α MAPK in microglia blunts trauma-induced inflammatory responses in mice. <i>Journal of Neuroinflammation</i> , 2019, 16, 98.	3.1	34
32	Alzheimer's Biomarkers are Correlated with Brain Connectivity in Older Adults Differentially during Resting and Task States. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 15.	1.7	28
33	The effects of mild closed head injuries on tauopathy and cognitive deficits in rodents: Primary results in wild type and rTg4510 mice, and a systematic review. <i>Experimental Neurology</i> , 2020, 326, 113180.	2.0	20
34	Retention of normal glia function by an isoform-selective protein kinase inhibitor drug candidate that modulates cytokine production and cognitive outcomes. <i>Journal of Neuroinflammation</i> , 2017, 14, 75.	3.1	19
35	Alzheimer Disease Pathology-Associated Polymorphism in a Complex Variable Number of Tandem Repeat Region Within the MUC6 Gene, Near the AP2A2 Gene. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 3-21.	0.9	19
36	MW151 Inhibited IL-1 β Levels after Traumatic Brain Injury with No Effect on Microglia Physiological Responses. <i>PLoS ONE</i> , 2016, 11, e0149451.	1.1	17

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37	Blood Flow Deficits and Cerebrovascular Changes in a Dietary Model of Hyperhomocysteinemia. <i>ASN Neuro</i> , 2019, 11, 175909141986578.	1.5	17
38	Deficiency in p38 ^{Î²} MAPK Fails to Inhibit Cytokine Production or Protect Neurons against Inflammatory Insult in In Vitro and In Vivo Mouse Models. <i>PLoS ONE</i> , 2013, 8, e56852.	1.1	16
39	Inhibition of experimental autoimmune encephalomyelitis by a novel small molecular weight proinflammatory cytokine suppressing drug. <i>Journal of Neuroimmunology</i> , 2008, 203, 73-78.	1.1	14
40	Genetic knockout of myosin light chain kinase (MLCK210) prevents cerebral microhemorrhages and attenuates neuroinflammation in a mouse model of vascular cognitive impairment and dementia. <i>GeroScience</i> , 2019, 41, 671-679.	2.1	12
41	Microglial-associated responses to comorbid amyloid pathology and hyperhomocysteinemia in an aged knock-in mouse model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 274.	3.1	12
42	The p38alpha mitogen-activated protein kinase limits the CNS proinflammatory cytokine response to systemic lipopolysaccharide, potentially through an IL-10 dependent mechanism. <i>Journal of Neuroinflammation</i> , 2014, 11, 175.	3.1	8
43	First-in-class Human Studies of MW0166189WH, a Brain Penetrant, Anti-neuroinflammatory Small Molecule Drug Candidate: Phase 1 Safety, Tolerability, Pharmacokinetic, and Pharmacodynamic Studies in Healthy Adult Volunteers. <i>Clinical Pharmacology in Drug Development</i> , 2021, 10, 131-143.	0.8	8
44	First-in-class human studies of MW0166189WH, a brain penetrant, anti-neuroinflammatory, small molecule drug candidate: Phase 1 safety, tolerability, pharmacokinetic, and pharmacodynamic studies in healthy adult volunteers. <i>Alzheimer's and Dementia</i> , 2020, 16, e041208.	0.4	1
45	Therapeutic treatment with the anti-inflammatory drug candidate MW151 may partially reduce memory impairment and normalizes hippocampal metabolic markers in a mouse model of comorbid amyloid and vascular pathology. <i>PLoS ONE</i> , 2022, 17, e0262474.	1.1	1
46	P1-304: An optimized and isoform-selective p38aMAPK inhibitor that attenuates disease progression in Alzheimer's disease mouse models. , 2015, 11, P473-P473.		0
47	P2129: A Small Molecule Anti-neuroinflammatory Experimental Therapeutic Inhibited IL-1 Beta Levels After Traumatic Brain Injury with no Effect on Microglia Physiological Responses. <i>Alzheimer's and Dementia</i> , 2016, 12, P661.	0.4	0
48	[P3055]: A PLATFORM FOR NOVEL <i>IN VIVO</i> MOLECULAR PROBES FOR ATTENUATION OF SYNAPTIC DYSFUNCTION AND PROINFLAMMATORY CYTOKINE OVERPRODUCTION. <i>Alzheimer's and Dementia</i> , 2017, 13, P951.	0.4	0