

Kathryn Volkening

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,006
citations

566801

15
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

1907
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergent patterns of cytosolic TDP-43 and neuronal progranulin expression following axotomy: Implications for TDP-43 in the physiological response to neuronal injury. <i>Brain Research</i> , 2009, 1249, 202-211.	1.1	192
2	Altered microRNA expression profile in amyotrophic lateral sclerosis: a role in the regulation of NFL mRNA levels. <i>Molecular Brain</i> , 2013, 6, 26.	1.3	146
3	Co-aggregation of RNA binding proteins in ALS spinal motor neurons: evidence of a common pathogenic mechanism. <i>Acta Neuropathologica</i> , 2012, 124, 733-747.	3.9	111
4	TDP-43 regulates the alternative splicing of hnRNP A1 to yield an aggregation-prone variant in amyotrophic lateral sclerosis. <i>Brain</i> , 2018, 141, 1320-1333.	3.7	106
5	Cytosolic TDP-43 expression following axotomy is associated with caspase 3 activation in NFL ^Δ mice: Support for a role for TDP-43 in the physiological response to neuronal injury. <i>Brain Research</i> , 2009, 1296, 176-186.	1.1	82
6	RNA metabolism in ALS: When normal processes become pathological. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2014, 15, 321-336.	1.1	61
7	Analysis of Novel NEFL mRNA Targeting microRNAs in Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2014, 9, e85653.	1.1	39
8	Rho guanine nucleotide exchange factor is an NFL mRNA destabilizing factor that forms cytoplasmic inclusions in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2013, 34, 248-262.	1.5	34
9	Thr175-phosphorylated tau induces pathologic fibril formation via GSK3 ^β -mediated phosphorylation of Thr231 in vitro. <i>Neurobiology of Aging</i> , 2015, 36, 1590-1599.	1.5	32
10	Detection of a novel frameshift mutation and regions with homozygosity within ARHGEF28 gene in familial amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2013, 14, 444-451.	1.1	31
11	Human low molecular weight neurofilament (NFL) mRNA interacts with a predicted p190RhoGEF homologue (RGNEF) in humans. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2010, 11, 97-103.	2.3	26
12	TDP-43 and FUS/TLS: sending a complex message about messenger RNA in amyotrophic lateral sclerosis?. <i>FEBS Journal</i> , 2011, 278, 3569-3577.	2.2	26
13	The emerging role of guanine nucleotide exchange factors in ALS and other neurodegenerative diseases. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 282.	1.8	25
14	Comprehensive Luciferase-Based Reporter Gene Assay Reveals Previously Masked Up-Regulatory Effects of miRNAs. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15592-15602.	1.8	19
15	Alterations in Tau Metabolism in ALS and ALS-FTSD. <i>Frontiers in Neurology</i> , 2020, 11, 598907.	1.1	18
16	Rho guanine nucleotide exchange factor (RGNEF) is a prosurvival factor under stress conditions. <i>Molecular and Cellular Neurosciences</i> , 2017, 82, 88-95.	1.0	11
17	Synergistic toxicity in an in vivo model of neurodegeneration through the co-expression of human TDP-43M337V and tauT175D protein. <i>Acta Neuropathologica Communications</i> , 2019, 7, 170.	2.4	9
18	Inclusion Formation and Toxicity of the ALS Protein RGNEF and Its Association with the Microtubule Network. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5597.	1.8	9

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19	A novel overlapping NLS/NES region within the PH domain of Rho Guanine Nucleotide Exchange Factor (RGNEF) regulates its nuclear-cytoplasmic localization. <i>European Journal of Cell Biology</i> , 2019, 98, 27-35.	1.6	7
20	Tau protein phosphorylation at Thr ¹⁷⁵ initiates fibril formation via accessibility of the N-terminal phosphatase-activating domain. <i>Journal of Neurochemistry</i> , 2020, 155, 313-326.	2.1	7
21	Neurofilament Immunohistochemistry Followed by Luxol Fast Blue, for Staining Axons and Myelin in the Same Paraffin Section of Spinal Cord. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, 562-565.	0.6	5
22	Somatic Gene Transfer Using a Recombinant Adenoviral Vector (rAAV9) Encoding Pseudophosphorylated Human Thr175 Tau in Adult Rat Hippocampus Induces Tau Pathology. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 685-695.	0.9	4
23	Evidence of synergism among three genetic variants in a patient with LMNA-related lipodystrophy and amyotrophic lateral sclerosis leading to a remarkable nuclear phenotype. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2633-2650.	1.4	4
24	C9orf72 mutations do not influence the tau signature of amyotrophic lateral sclerosis with cognitive impairment (ALSci). <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2017, 18, 549-554.	1.1	2
25	Reply: TDP-43 mutations increase HNRNP A1-7B through gain of splicing function. <i>Brain</i> , 2018, 141, e84-e84.	3.7	0