

Erik Storkebaum

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6950374/publications.pdf>

Version: 2024-02-01

39
papers

5,849
citations

186209

28
h-index

315616

38
g-index

44
all docs

44
docs citations

44
times ranked

6327
citing authors

#	ARTICLE	IF	CITATIONS
1	Deletion of the hypoxia-response element in the vascular endothelial growth factor promoter causes motor neuron degeneration. <i>Nature Genetics</i> , 2001, 28, 131-138.	9.4	967
2	VEGF is a modifier of amyotrophic lateral sclerosis in mice and humans and protects motoneurons against ischemic death. <i>Nature Genetics</i> , 2003, 34, 383-394.	9.4	794
3	VEGF delivery with retrogradely transported lentivector prolongs survival in a mouse ALS model. <i>Nature</i> , 2004, 429, 413-417.	13.7	569
4	VEGF: once regarded as a specific angiogenic factor, now implicated in neuroprotection. <i>BioEssays</i> , 2004, 26, 943-954.	1.2	476
5	Treatment of motoneuron degeneration by intracerebroventricular delivery of VEGF in a rat model of ALS. <i>Nature Neuroscience</i> , 2005, 8, 85-92.	7.1	464
6	Vascular endothelial growth factor: a neurovascular target in neurological diseases. <i>Nature Reviews Neurology</i> , 2016, 12, 439-454.	4.9	252
7	Vascular and neuronal effects of VEGF in the nervous system: implications for neurological disorders. <i>Seminars in Cell and Developmental Biology</i> , 2002, 13, 39-53.	2.3	234
8	Impaired DNA damage response signaling by FUS-NLS mutations leads to neurodegeneration and FUS aggregate formation. <i>Nature Communications</i> , 2018, 9, 335.	5.8	217
9	VEGF: a critical player in neurodegeneration. <i>Journal of Clinical Investigation</i> , 2004, 113, 14-18.	3.9	198
10	Toxic gain of function from mutant <sc>FUS</sc> protein is crucial to trigger cell autonomous motor neuron loss. <i>EMBO Journal</i> , 2016, 35, 1077-1097.	3.5	187
11	Lack of Plasminogen Activator Inhibitor-1 Promotes Growth and Abnormal Matrix Remodeling of Advanced Atherosclerotic Plaques in Apolipoprotein E-deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 499-505.	1.1	123
12	Effects of vascular endothelial growth factor (VEGF) on motor neuron degeneration. <i>Neurobiology of Disease</i> , 2004, 17, 21-28.	2.1	111
13	Motor neuron intrinsic and extrinsic mechanisms contribute to the pathogenesis of FUS-associated amyotrophic lateral sclerosis. <i>Acta Neuropathologica</i> , 2017, 133, 887-906.	3.9	111
14	Impaired protein translation in <i>Drosophila</i> models for Charcot-Marie-Tooth neuropathy caused by mutant tRNA synthetases. <i>Nature Communications</i> , 2015, 6, 7520.	5.8	102
15	Dominant mutations in the tyrosyl-tRNA synthetase gene recapitulate in <i>Drosophila</i> features of human Charcot-Marie-Tooth neuropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11782-11787.	3.3	96
16	C9orf72 arginine-rich dipeptide proteins interact with ribosomal proteins in vivo to induce a toxic translational arrest that is rescued by eIF1A. <i>Acta Neuropathologica</i> , 2019, 137, 487-500.	3.9	94
17	VEGF: a critical player in neurodegeneration. <i>Journal of Clinical Investigation</i> , 2004, 113, 14-18.	3.9	87
18	Cell-selective labelling of proteomes in <i>Drosophila melanogaster</i> . <i>Nature Communications</i> , 2015, 6, 7521.	5.8	85

#	ARTICLE	IF	CITATIONS
19	Cerebrovascular disorders: molecular insights and therapeutic opportunities. <i>Nature Neuroscience</i> , 2011, 14, 1390-1397.	7.1	82
20	FUS-mediated regulation of acetylcholine receptor transcription at neuromuscular junctions is compromised in amyotrophic lateral sclerosis. <i>Nature Neuroscience</i> , 2019, 22, 1793-1805.	7.1	81
21	Matrix-Binding Vascular Endothelial Growth Factor (VEGF) Isoforms Guide Granule Cell Migration in the Cerebellum via VEGF Receptor Flk1. <i>Journal of Neuroscience</i> , 2010, 30, 15052-15066.	1.7	75
22	The integrated stress response contributes to tRNA synthetase-associated peripheral neuropathy. <i>Science</i> , 2021, 373, 1156-1161.	6.0	64
23	tRNA overexpression rescues peripheral neuropathy caused by mutations in tRNA synthetase. <i>Science</i> , 2021, 373, 1161-1166.	6.0	59
24	VEGF: necessary to prevent motoneuron degeneration, sufficient to treat ALS?. <i>Trends in Molecular Medicine</i> , 2004, 10, 275-282.	3.5	45
25	Highly efficient cell-type-specific gene inactivation reveals a key function for the <i>Drosophila</i> FUS homolog cabeza in neurons. <i>Scientific Reports</i> , 2015, 5, 9107.	1.6	38
26	Impaired Autonomic Regulation of Resistance Arteries in Mice With Low Vascular Endothelial Growth Factor or Upon Vascular Endothelial Growth Factor Trap Delivery. <i>Circulation</i> , 2010, 122, 273-281.	1.6	37
27	Peripheral neuropathy via mutant tRNA synthetases: Inhibition of protein translation provides a possible explanation. <i>BioEssays</i> , 2016, 38, 818-829.	1.2	34
28	Differential Requirement for Translation Initiation Factor Pathways during Ecdysone-Dependent Neuronal Remodeling in <i>Drosophila</i> . <i>Cell Reports</i> , 2018, 24, 2287-2299.e4.	2.9	32
29	Paracrine control of vascular innervation in health and disease. <i>Acta Physiologica</i> , 2011, 203, 61-86.	1.8	29
30	<i>Xrp1</i> genetically interacts with the ALS-associated <i>FUS</i> orthologue <i>caz</i> and mediates its toxicity. <i>Journal of Cell Biology</i> , 2018, 217, 3947-3964.	2.3	23
31	O-GlcNAcase contributes to cognitive function in <i>Drosophila</i> . <i>Journal of Biological Chemistry</i> , 2020, 295, 8636-8646.	1.6	16
32	Molecular pathogenesis of peripheral neuropathies: insights from <i>Drosophila</i> models. <i>Current Opinion in Genetics and Development</i> , 2017, 44, 61-73.	1.5	14
33	Intellectual disability-associated disruption of O-GlcNAc cycling impairs habituation learning in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2022, 18, e1010159.	1.5	7
34	Cell Type-specific Metabolic Labeling of Proteins with Azidonorleucine in <i>Drosophila</i> . <i>Bio-protocol</i> , 2017, 7, .	0.2	5
35	The <i>Drosophila</i> FUS ortholog cabeza promotes adult founder myoblast selection by <i>Xrp1</i> -dependent regulation of FGF signaling. <i>PLoS Genetics</i> , 2020, 16, e1008731.	1.5	1
36	Cell Type-specific Metabolic Labeling of Proteins with Azidonorleucine in. <i>Bio-protocol</i> , 2017, 7, e2397.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Immunoprecipitation Assay to Quantify the Amount of tRNAs associated with Their Interacting Proteins in Tissue and Cell Culture. Bio-protocol, 2022, 12, e4335.	0.2	1
38	Title is missing!., 2020, 16, e1008731.		0
39	Title is missing!., 2020, 16, e1008731.		0