

Morgan Newman

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,136
citations

394421

19
h-index

454955

30
g-index

57
all docs

57
docs citations

57
times ranked

1231
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain transcriptomes of zebrafish and mouse Alzheimer's disease knock-in models imply early disrupted energy metabolism. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	2.4	8
2	Brain Transcriptome Analysis of a Protein-Truncating Mutation in Sortilin-Related Receptor 1 Associated With Early-Onset Familial Alzheimer's Disease Indicates Early Effects on Mitochondrial and Ribosome Function. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1105-1119.	2.6	9
3	Transcriptome analyses of 7-day-old zebrafish larvae possessing a familial Alzheimer's disease-like mutation in <i>psen1</i> indicate effects on oxidative phosphorylation, ECM and MCM functions, and iron homeostasis. <i>BMC Genomics</i> , 2021, 22, 211.	2.8	8
4	Relevance of a Truncated PRESENILIN 2 Transcript to Alzheimer's Disease and Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1479-1489.	2.6	4
5	In-Frame and Frameshift Mutations in Zebrafish Presenilin 2 Affect Different Cellular Functions in Young Adult Brains. <i>Journal of Alzheimer's Disease Reports</i> , 2021, 5, 395-404.	2.2	8
6	PRESENILIN 1 Mutations Causing Early-Onset Familial Alzheimer's Disease or Familial Acne Inversa Differ in Their Effects on Genes Facilitating Energy Metabolism and Signal Transduction. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 327-347.	2.6	9
7	Zebrafish Chromosome 14 Gene Differential Expression in the <i>fmr1hu2787</i> Model of Fragile X Syndrome. <i>Frontiers in Genetics</i> , 2021, 12, 625466.	2.3	4
8	No observed effect on brain vasculature of Alzheimer's disease-related mutations in the zebrafish <i>presenilin 1</i> gene. <i>Molecular Brain</i> , 2021, 14, 22.	2.6	1
9	Iron Responsive Element-Mediated Responses to Iron Dyshomeostasis in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1597-1630.	2.6	18
10	Transcriptome analysis indicates dominant effects on ribosome and mitochondrial function of a premature termination codon mutation in the zebrafish gene <i>psen2</i> . <i>PLoS ONE</i> , 2020, 15, e0232559.	2.5	11
11	Brain transcriptome analysis reveals subtle effects on mitochondrial function and iron homeostasis of mutations in the <i>SORL1</i> gene implicated in early onset familial Alzheimer's disease. <i>Molecular Brain</i> , 2020, 13, 142.	2.6	26
12	Accelerated loss of hypoxia response in zebrafish with familial Alzheimer's disease-like mutation of <i>presenilin 1</i> . <i>Human Molecular Genetics</i> , 2020, 29, 2379-2394.	2.9	12
13	Sorting Out the Role of the Sortilin-Related Receptor 1 in Alzheimer's Disease. <i>Journal of Alzheimer's Disease Reports</i> , 2020, 4, 123-140.	2.2	22
14	Accelerated brain aging towards transcriptional inversion in a zebrafish model of the K115fs mutation of human <i>PSEN2</i> . <i>PLoS ONE</i> , 2020, 15, e0227258.	2.5	38
15	Brain transcriptome analysis of a familial Alzheimer's disease-like mutation in the zebrafish <i>presenilin 1</i> gene implies effects on energy production. <i>Molecular Brain</i> , 2019, 12, 43.	2.6	33
16	Alternative splicing in a <i>presenilin 2</i> variant associated with Alzheimer disease. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 762-777.	3.7	29
17	A Review of the Familial Alzheimer's Disease Locus PRESENILIN 2 and Its Relationship to PRESENILIN 1. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1323-1339.	2.6	17
18	Pathogenic copy number variants that affect gene expression contribute to genomic burden in cerebral palsy. <i>Npj Genomic Medicine</i> , 2018, 3, 33.	3.8	31

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19	The zebrafish orthologue of familial Alzheimer's disease gene PRESENILIN 2 is required for normal adult melanotic skin pigmentation. PLoS ONE, 2018, 13, e0206155.	2.5	25
20	Degenerate codon mixing for PCR-based manipulation of highly repetitive sequences. BMC Research Notes, 2018, 11, 202.	1.4	1
21	Dysregulation of Neuronal Iron Homeostasis as an Alternative Unifying Effect of Mutations Causing Familial Alzheimer's Disease. Frontiers in Neuroscience, 2018, 12, 533.	2.8	41
22	Gene Ontology-Based Analysis of Zebrafish Omics Data Using the Web Tool Comparative Gene Ontology. Zebrafish, 2017, 14, 492-494.	1.1	26
23	Animal Models of Alzheimer's Disease. , 2017, , 1031-1085.		9
24	Mitochondrion to endoplasmic reticulum apposition length in zebrafish embryo spinal progenitors is unchanged in response to perturbations associated with Alzheimer's disease. PLoS ONE, 2017, 12, e0179859.	2.5	3
25	The Zebrafish Equivalent of Alzheimer's Disease-Associated PRESENILIN Isoform PS2V Regulates Inflammatory and Other Responses to Hypoxic Stress. Journal of Alzheimer's Disease, 2016, 52, 581-608.	2.6	25
26	Evidence For and Against a Pathogenic Role of Reduced β -Secretase Activity in Familial Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 52, 781-799.	2.6	44
27	Intraspinal Sensory Neurons Provide Powerful Inhibition to Motor Circuits Ensuring Postural Control during Locomotion. Current Biology, 2016, 26, 2841-2853.	3.9	97
28	Alzheimer's disease-related peptide PS2V plays ancient, conserved roles in suppression of the unfolded protein response under hypoxia and stimulation of β -secretase activity. Human Molecular Genetics, 2015, 24, 3662-3678.	2.9	33
29	Hypoxia alters expression of Zebrafish Microtubule-associated protein Tau (mapta, maptb) gene transcripts. BMC Research Notes, 2014, 7, 767.	1.4	14
30	Using the zebrafish model for Alzheimer's disease research. Frontiers in Genetics, 2014, 5, 189.	2.3	110
31	Differential, dominant activation and inhibition of Notch signalling and APP cleavage by truncations of PSEN1 in human disease. Human Molecular Genetics, 2014, 23, 602-617.	2.9	48
32	Identification and expression analysis of the zebrafish orthologues of the mammalian MAP1LC3 gene family. Experimental Cell Research, 2014, 328, 228-237.	2.6	13
33	The Guinea Pig as a Model for Sporadic Alzheimer's Disease (AD): The Impact of Cholesterol Intake on Expression of AD-Related Genes. PLoS ONE, 2013, 8, e66235.	2.5	42
34	The BACE1-PSEN-APP Regulatory Axis has an Ancient Role in Response to Low Oxygen/Oxidative Stress. Journal of Alzheimer's Disease, 2012, 28, 515-530.	2.6	50
35	Robust homeostasis of Presenilin1 protein levels by transcript regulation. Neuroscience Letters, 2012, 519, 14-19.	2.1	6
36	Zebrafish as a tool in Alzheimer's disease research. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 346-352.	3.8	60

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37	The response of HMGA1 to changes in oxygen availability is evolutionarily conserved. <i>Experimental Cell Research</i> , 2011, 317, 1503-1512.	2.6	23
38	A hyperactive sleeping beauty transposase enhances transgenesis in zebrafish embryos. <i>BMC Research Notes</i> , 2010, 3, 282.	1.4	6
39	A Zebrafish Melanophore Model of Amyloid ^β Toxicity. <i>Zebrafish</i> , 2010, 7, 155-159.	1.1	21
40	Altering Presenilin Gene Activity in Zebrafish Embryos Causes Changes in Expression of Genes with Potential Involvement in Alzheimer's Disease Pathogenesis. <i>Journal of Alzheimer's Disease</i> , 2009, 16, 133-147.	2.6	25
41	Independent and cooperative action of Psen2 with Psen1 in zebrafish embryos. <i>Experimental Cell Research</i> , 2009, 315, 2791-2801.	2.6	47
42	Interference with splicing of Presenilin transcripts has potent dominant negative effects on Presenilin activity. <i>Human Molecular Genetics</i> , 2008, 17, 402-412.	2.9	48