

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	Using the zebrafish model for Alzheimer's disease research. <i>Frontiers in Genetics</i> , 2014, 5, 189.	2.3	110
2	Intraspinal Sensory Neurons Provide Powerful Inhibition to Motor Circuits Ensuring Postural Control during Locomotion. <i>Current Biology</i> , 2016, 26, 2841-2853.	3.9	97
3	Zebrafish as a tool in Alzheimer's disease research. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 346-352.	3.8	60
4	The BACE1-PSEN-APP Regulatory Axis has an Ancient Role in Response to Low Oxygen/Oxidative Stress. <i>Journal of Alzheimer's Disease</i> , 2012, 28, 515-530.	2.6	50
5	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
6	Differential, dominant activation and inhibition of Notch signalling and APP cleavage by truncations of PSEN1 in human disease. <i>Human Molecular Genetics</i> , 2014, 23, 602-617.	2.9	48
7	Independent and cooperative action of Psen2 with Psen1 in zebrafish embryos. <i>Experimental Cell Research</i> , 2009, 315, 2791-2801.	2.6	47
8	Evidence For and Against a Pathogenic Role of Reduced β -Secretase Activity in Familial Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 781-799.	2.6	44
9	The Guinea Pig as a Model for Sporadic Alzheimer's Disease (AD): The Impact of Cholesterol Intake on Expression of AD-Related Genes. <i>PLoS ONE</i> , 2013, 8, e66235.	2.5	42
10	Dysregulation of Neuronal Iron Homeostasis as an Alternative Unifying Effect of Mutations Causing Familial Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 533.	2.8	41
11	Accelerated brain aging towards transcriptional inversion in a zebrafish model of the K115fs mutation of human PSEN2. <i>PLoS ONE</i> , 2020, 15, e0227258.	2.5	38
12	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. <i>Human Molecular Genetics</i> , 2015, 24, 3662-3678.	2.9	33
13	Brain transcriptome analysis of a familial Alzheimer's disease-like mutation in the zebrafish presenilin 1 gene implies effects on energy production. <i>Molecular Brain</i> , 2019, 12, 43.	2.6	33
14	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
15	Alternative splicing in a presenilin 2 variant associated with Alzheimer disease. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 762-777.	3.7	29
16	Gene Ontology-Based Analysis of Zebrafish Omics Data Using the Web Tool Comparative Gene Ontology. <i>Zebrafish</i> , 2017, 14, 492-494.	1.1	26
17	Brain transcriptome analysis reveals subtle effects on mitochondrial function and iron homeostasis of mutations in the SORL1 gene implicated in early onset familial Alzheimer's disease. <i>Molecular Brain</i> , 2020, 13, 142.	2.6	26
18	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

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19	The Zebrafish Equivalent of Alzheimer's Disease-Associated PRESENILIN Isoform PS2V Regulates Inflammatory and Other Responses to Hypoxic Stress. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 581-608.	2.6	25
20	The zebrafish orthologue of familial Alzheimer's disease gene PRESENILIN 2 is required for normal adult melanotic skin pigmentation. <i>PLoS ONE</i> , 2018, 13, e0206155.	2.5	25
21	The response of HMGA1 to changes in oxygen availability is evolutionarily conserved. <i>Experimental Cell Research</i> , 2011, 317, 1503-1512.	2.6	23
22	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
23	A Zebrafish Melanophore Model of Amyloid β Toxicity. <i>Zebrafish</i> , 2010, 7, 155-159.	1.1	21
24	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
25	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
26	Hypoxia alters expression of Zebrafish Microtubule-associated protein Tau (mapta, maptb) gene transcripts. <i>BMC Research Notes</i> , 2014, 7, 767.	1.4	14
27	Identification and expression analysis of the zebrafish orthologues of the mammalian MAP1LC3 gene family. <i>Experimental Cell Research</i> , 2014, 328, 228-237.	2.6	13
28	Accelerated loss of hypoxia response in zebrafish with familial Alzheimer's disease-like mutation of presenilin 1. <i>Human Molecular Genetics</i> , 2020, 29, 2379-2394.	2.9	12
29	Transcriptome analysis indicates dominant effects on ribosome and mitochondrial function of a premature termination codon mutation in the zebrafish gene psen2. <i>PLoS ONE</i> , 2020, 15, e0232559.	2.5	11
30	Animal Models of Alzheimer's Disease. , 2017, , 1031-1085.		9
31	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
32	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
33	Transcriptome analyses of 7-day-old zebrafish larvae possessing a familial Alzheimer's disease-like mutation in psen1 indicate effects on oxidative phosphorylation, ECM and MCM functions, and iron homeostasis. <i>BMC Genomics</i> , 2021, 22, 211.	2.8	8
34	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
35	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
36	A hyperactive sleeping beauty transposase enhances transgenesis in zebrafish embryos. <i>BMC Research Notes</i> , 2010, 3, 282.	1.4	6

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37	Robust homeostasis of Presenilin1 protein levels by transcript regulation. <i>Neuroscience Letters</i> , 2012, 519, 14-19.	2.1	6
38	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
39	Zebrafish Chromosome 14 Gene Differential Expression in the fmr1hu2787 Model of Fragile X Syndrome. <i>Frontiers in Genetics</i> , 2021, 12, 625466.	2.3	4
40	Mitochondrion to endoplasmic reticulum apposition length in zebrafish embryo spinal progenitors is unchanged in response to perturbations associated with Alzheimer's disease. <i>PLoS ONE</i> , 2017, 12, e0179859.	2.5	3
41	Degenerate codon mixing for PCR-based manipulation of highly repetitive sequences. <i>BMC Research Notes</i> , 2018, 11, 202.	1.4	1
42	No observed effect on brain vasculature of Alzheimer's disease-related mutations in the zebrafish presenilin 1 gene. <i>Molecular Brain</i> , 2021, 14, 22.	2.6	1