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List of Publications by Citations

72 papers	7,560 citations	33 h-index	86 g-index
92 ext. papers	9,931 ext. citations	8.6 avg, IF	5.62 L-index

#	Paper	IF	Citations
72	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
71	Absence of effects of Sir2 overexpression on lifespan in C. elegans and Drosophila. *Nature*, **2011**, 477, 482-5	50.4	517
70	Resveratrol rescues mutant polyglutamine cytotoxicity in nematode and mammalian neurons. *Nature Genetics*, **2005**, 37, 349-50	36.3	433
69	De novo mutations in the gene encoding the synaptic scaffolding protein SHANK3 in patients ascertained for schizophrenia. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 7863-8	11.5	298
68	SIRT2 inhibition achieves neuroprotection by decreasing sterol biosynthesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 7927-32	11.5	255
67	C. elegans neurons jettison protein aggregates and mitochondria under neurotoxic stress. *Nature*, **2017**, 542, 367-371	50.4	176
66	Cystamine and cysteamine increase brain levels of BDNF in Huntington disease via HSJ1b and transglutaminase. *Journal of Clinical Investigation*, **2006**, 116, 1410-24	15.9	176
65	Expanded polyglutamines in Caenorhabditis elegans cause axonal abnormalities and severe dysfunction of PLM mechanosensory neurons without cell death. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 13318-23	11.5	168
64	Delaying aging and the aging-associated decline in protein homeostasis by inhibition of tryptophan degradation. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 14912-7	11.5	128
63	Plasma amyloid β40/42 ratio predicts cerebral amyloidosis in cognitively normal individuals at risk for Alzheimer's disease. *Alzheimer's and Dementia*, **2019**, 15, 764-775	1.2	86
62	Revolution of Alzheimer Precision Neurology. Passageway of Systems Biology and Neurophysiology. *Journal of Alzheimer's Disease*, **2018**, 64, S47-S105	4.3	84
61	The Gln-Ala repeat transcriptional activator CA150 interacts with huntingtin: neuropathologic and genetic evidence for a role in Huntington's disease pathogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 1811-6	11.5	81
60	Meet the Editorial Board:. *Current Genomics*, **2015**, 16, 1-1	2.6	78
59	AMPK activation protects from neuronal dysfunction and vulnerability across nematode, cellular and mouse models of Huntington's disease. *Human Molecular Genetics*, **2016**, 25, 1043-58	5.6	67
58	Cdc42-interacting protein 4 binds to huntingtin: neuropathologic and biological evidence for a role in Huntington's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 2712-7	11.5	63
57	Neuronal identity genes regulated by super-enhancers are preferentially down-regulated in the striatum of Huntington's disease mice. *Human Molecular Genetics*, **2015**, 24, 3481-96	5.6	59
56	Sirtuin inhibition protects from the polyalanine muscular dystrophy protein PABPN1. *Human Molecular Genetics*, **2008**, 17, 2108-17	5.6	58

55	Dietary restriction: standing up for sirtuins. *Science*, **2010**, 329, 1012-3; author reply 1013-4	33.3	56
54	Huntingtin-interacting protein 1 influences worm and mouse presynaptic function and protects Caenorhabditis elegans neurons against mutant polyglutamine toxicity. *Journal of Neuroscience*, **2007**, 27, 11056-64	6.6	52
53	Integration of Ecatenin, sirtuin, and FOXO signaling protects from mutant huntingtin toxicity. *Journal of Neuroscience*, **2012**, 32, 12630-40	6.6	49
52	The Oxygen Paradox, the French Paradox, and age-related diseases. *GeroScience*, **2017**, 39, 499-550	8.9	48
51	Large-scale functional RNAi screen in C. elegans identifies genes that regulate the dysfunction of mutant polyglutamine neurons. *BMC Genomics*, **2012**, 13, 91	4.5	46
50	Neuron dysfunction is induced by prion protein with an insertional mutation via a Fyn kinase and reversed by sirtuin activation in Caenorhabditis elegans. *Journal of Neuroscience*, **2010**, 30, 5394-403	6.6	46
49	NP03, a novel low-dose lithium formulation, is neuroprotective in the YAC128 mouse model of Huntington disease. *Neurobiology of Disease*, **2012**, 48, 282-9	7.5	42
48	CA150 expression delays striatal cell death in overexpression and knock-in conditions for mutant huntingtin neurotoxicity. *Journal of Neuroscience*, **2006**, 26, 4649-59	6.6	42
47	Sex differences in functional and molecular neuroimaging biomarkers of Alzheimer's disease in cognitively normal older adults with subjective memory complaints. *Alzheimer's and Dementia*, **2018**, 14, 1204-1215	1.2	40
46	Characterization of sirtuin inhibitors in nematodes expressing a muscular dystrophy protein reveals muscle cell and behavioral protection by specific sirtinol analogues. *Journal of Medicinal Chemistry*, **2010**, 53, 1407-11	8.3	40
45	The Wnt receptor Ryk reduces neuronal and cell survival capacity by repressing FOXO activity during the early phases of mutant huntingtin pathogenicity. *PLoS Biology*, **2014**, 12, e1001895	9.7	37
44	Meclizine is neuroprotective in models of Huntington's disease. *Human Molecular Genetics*, **2011**, 20, 294-300	5.6	36
43	CAG repeat sequences in bipolar affective disorder: No evidence for association in a french population. *American Journal of Medical Genetics Part A*, **1998**, 81, 338-341		36
42	Lithium chloride attenuates cell death in oculopharyngeal muscular dystrophy by perturbing Wnt/Ecatenin pathway. *Cell Death and Disease*, **2013**, 4, e821	9.8	35
41	Association of cerebrospinal fluid Esynuclein with total and phospho-tau protein concentrations and brain amyloid load in cognitively normal subjective memory complainers stratified by Alzheimer's disease biomarkers. *Alzheimer's and Dementia*, **2018**, 14, 1623-1631	1.2	30
40	CYP46A1 gene therapy deciphers the role of brain cholesterol metabolism in Huntington's disease. *Brain*, **2019**, 142, 2432-2450	11.2	30
39	Cell-Type-Specific Gene Expression Profiling in Adult Mouse Brain Reveals Normal and Disease-State Signatures. *Cell Reports*, **2019**, 26, 2477-2493.e9	10.6	29
38	Time for the systems-level integration of aging: Resilience enhancing strategies to prevent Alzheimer's disease. *Progress in Neurobiology*, **2019**, 181, 101662	10.9	26

37	Common disease signatures from gene expression analysis in Huntington's disease human blood and brain. *Orphanet Journal of Rare Diseases*, **2016**, 11, 97	4.2	24
36	Survey of CAG/CTG repeats in human cDNAs representing new genes: candidates for inherited neurological disorders. *Human Molecular Genetics*, **1996**, 5, 1001-9	5.6	23
35	Loss of glutathione redox homeostasis impairs proteostasis by inhibiting autophagy-dependent protein degradation. *Cell Death and Differentiation*, **2019**, 26, 1545-1565	12.7	20
34	The stress response factor daf-16/FOXO is required for multiple compound families to prolong the function of neurons with Huntington's disease. *Scientific Reports*, **2017**, 7, 4014	4.9	20
33	Detection of polyglutamine expansion in a new acidic protein: a candidate for childhood onset schizophrenia?. *Molecular Psychiatry*, **1999**, 4, 58-63	15.1	18
32	Role and Therapeutic Potential of the Pro-Longevity Factor FOXO and Its Regulators in Neurodegenerative Disease. *Frontiers in Pharmacology*, **2012**, 3, 15	5.6	17
31	Cross-talk between canonical Wnt signaling and the sirtuin-FoxO longevity pathway to protect against muscular pathology induced by mutant PABPN1 expression in C. elegans. *Neurobiology of Disease*, **2010**, 38, 425-33	7.5	17
30	Morphological remodeling of neurons during aging is modified by compromised protein homeostasis. *Npj Aging and Mechanisms of Disease*, **2016**, 2,	5.5	13
29	Balancing protein similarity and gene co-expression reveals new links between genetic conservation and developmental diversity in invertebrates. *Bioinformatics*, **2005**, 21, 1550-8	7.2	13
28	Association between Cognitive Status before Surgery and Outcomes in Elderly Patients with Hip Fracture in a Dedicated Orthogeriatric Care Pathway. *Journal of Alzheimer's Disease*, **2017**, 56, 145-156	4.3	12
27	Genetic and pharmacological suppression of polyglutamine-dependent neuronal dysfunction in Caenorhabditis elegans. *Journal of Molecular Neuroscience*, **2004**, 23, 61-8	3.3	11
26	Compared effects of GnRH analogs and 4-hydroxytamoxifen on growth and steroid receptors in antiestrogen sensitive and resistant MCF-7 breast cancer cell sublines. *Breast Cancer Research and Treatment*, **1990**, 15, 85-93	4.4	11
25	Retrospective Evaluation of a Restrictive Transfusion Strategy in Older Adults with Hip Fracture. *Journal of the American Geriatrics Society*, **2018**, 66, 1151-1157	5.6	10
24	Pathways to decoding the clinical potential of stress response FOXO-interaction networks for Huntington's disease: of gene prioritization and context dependence. *Frontiers in Aging Neuroscience*, **2013**, 5, 22	5.3	9
23	Anticipation in schizophrenia: no evidence of expanded CAG/CTG repeat sequences in French families and sporadic cases. *American Journal of Medical Genetics Part A*, **1998**, 81, 342-6		9
22	Insulin signaling in the aging of healthy and proteotoxically stressed mechanosensory neurons. *Frontiers in Genetics*, **2014**, 5, 212	4.5	8
21	CAG/CTG and CGG/GCC repeats in human brain reference cDNAs: outcome in searching for new dynamic mutations. *Genomics*, **1998**, 47, 414-8	4.3	8
20	RNA-Based Therapy Utilizing Oculopharyngeal Muscular Dystrophy Transcript Knockdown and Replacement. *Molecular Therapy - Nucleic Acids*, **2019**, 15, 12-25	10.7	6

19	FOXO3 targets are reprogrammed as Huntington's disease neural cells and striatal neurons face senescence with p16 increase. *Aging Cell*, **2020**, 19, e13226	9.9	6
18	Biomarkers of vascular dysfunction and cognitive decline in patients with Alzheimer's disease: no evidence for association in elderly subjects. *Aging Clinical and Experimental Research*, **2016**, 28, 1133-1141	4.8	6
17	Genetic cooperativity in multi-layer networks implicates cell survival and senescence in the striatum of Huntington's disease mice synchronous to symptoms. *Bioinformatics*, **2020**, 36, 186-196	7.2	5
16	Valproic acid is protective in cellular and worm models of oculopharyngeal muscular dystrophy. *Neurology*, **2018**, 91, e551-e561	6.5	4
15	Association of plasma YKL-40 with brain amyloid-β levels, memory performance, and sex in subjective memory complainers. *Neurobiology of Aging*, **2020**, 96, 22-32	5.6	4
14	Editor's Message for 2016. *Current Genomics*, **2016**, 17, 1	2.6	3
13	Editorial. *Current Genomics*, **2013**, 14, 1	2.6	2
12	Shape deformation analysis reveals the temporal dynamics of cell-type-specific homeostatic and pathogenic responses to mutant huntingtin. *ELife*, **2021**, 10,	8.9	2
11	Combining feature selection and shape analysis uncovers precise rules for miRNA regulation in Huntington's disease mice. *BMC Bioinformatics*, **2020**, 21, 75	3.6	1
10	Polyglutamine tracts in schizophrenia: gaining new insights. *Molecular Psychiatry*, **2000**, 5, 236-7	15.1	1
9	Therapeutic potential of longevity modulators as neuroprotective targets in neurodegenerative disease. *Research and Perspectives in Alzheimer's Disease*, **2013**, 111-120		1
8	Loss of glutathione redox homeostasis impairs proteostasis by inhibiting autophagy-dependent protein degradation		1
7	Identification of Modulators of the C. elegans Aryl Hydrocarbon Receptor and Characterization of Transcriptomic and Metabolic AhR-1 Profiles. *Antioxidants*, **2022**, 11, 1030	7.1	0
6	Editorial. *Current Genomics*, **2015**, 16, 2	2.6	
5	B47 Cross-integration of huntington's disease networks. *Journal of Neurology, Neurosurgery and Psychiatry*, **2016**, 87, A25.3-A26	5.5	
4	B11 Altered epigenetic signature in the striatum of HD mice and patients. *Journal of Neurology, Neurosurgery and Psychiatry*, **2016**, 87, A12.3-A13	5.5	
3	B16 Common disease signatures from gene expression analysis in huntington's disease human blood and brain. *Journal of Neurology, Neurosurgery and Psychiatry*, **2016**, 87, A14.2-A15	5.5	
2	B19 RNAseq and chipseq analysis of FOXO3 targets in an huntington's disease human neural stem cell model. *Journal of Neurology, Neurosurgery and Psychiatry*, **2016**, 87, A15.3-A16	5.5	

1 B39 Modelling and biological evidence for alteration of extracellular vesicles in huntington disease. *Journal of Neurology, Neurosurgery and Psychiatry*, **2016**, 87, A23.1-A23 5·5