George R Jackson

List of Publications by Year
in descending order

61	9,711	101384	138251
papers	citations	36 h-index	58 g-index

63	63	63	15716
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Treatment Patterns in Essential Tremor: A Retrospective Analysis. Tremor and Other Hyperkinetic Movements, 2022, 12, 10.	1.1	5
2	Revisiting the intersection of amyloid, pathologically modified tau and iron in Alzheimerâ€™s disease from a ferroptosis perspective. Progress in Neurobiology, 2020, 184, 101716.	2.8	98
3	Insulin-Mediated Changes in Tau Hyperphosphorylation and Autophagy in a Drosophila Model of Tauopathy and Neuroblastoma Cells. Frontiers in Neuroscience, 2019, 13, 801.	1.4	18
4	Feasibility study: Effect of hand resistance exercise on handwriting in Parkinson's disease and essential tremor. Journal of Hand Therapy, 2018, 31, 29-34.	0.7	10
5	Lifestyles of a Toxic Twosome: A Novel Tau Strain Induced by Î±-Synuclein Oligomers. Biological Psychiatry, 2018, 84, 472-473.	0.7	2
6	SCA31 Flies Perform in a Balancing Act between RAN Translation and RNA-Binding Proteins. Neuron, 2017, 94, 4-5.	3.8	1
7	Uncoupling neuronal death and dysfunction in Drosophila models of neurodegenerative disease. Acta Neuropathologica Communications, 2016, 4, 62.	2.4	77
8	Quantitative Assessment of Eye Phenotypes for Functional Genetic Studies UsingDrosophila melanogaster. G3: Genes, Genomes, Genetics, 2016, 6, 1427-1437.	0.8	67
9	Treadmill exercise tests in persons with Parkinsonâ€™s disease: responses and disease severity. Aging Clinical and Experimental Research, 2016, 28, 1009-1014.	1.4	8
10	Pathological Interface Between Oligomeric Alpha-Synuclein and Tau in Synucleinopathies. Biological Psychiatry, 2015, 78, 672-683.	0.7	140
11	Interactions between Tau and Î±-synuclein augment neurotoxicity in a Drosophila model of Parkinson's disease. Human Molecular Genetics, 2014, 23, 3008-3023.	1.4	63
12	Learn to Forget: Regulation of Age-Related Memory Impairment by Neuronal-Glial Crosstalk. Neuron, 2014, 84, 658-659.	3.8	0
13	The formation of tau pore-like structures is prevalent and cell specific: possible implications for the disease phenotypes. Acta Neuropathologica Communications, 2014, 2, 56.	2.4	62
14	Passive Immunization with Tau Oligomer Monoclonal Antibody Reverses Tauopathy Phenotypes without Affecting Hyperphosphorylated Neurofibrillary Tangles. Journal of Neuroscience, 2014, 34, 4260-4272.	1.7	241
15	Evidence for autophagic gridlock in aging and neurodegeneration. Translational Research, 2014, 164, 1-12.	2.2	21
16	TDP-43 Phosphorylation by casein kinase Iîµ promotes oligomerization and enhances toxicity in vivo. Human Molecular Genetics, 2014, 23, 1025-1035.	1.4	83
17	Amyloid-Î² oligomers as a template for secondary amyloidosis in Alzheimer's disease. Neurobiology of Disease, 2014, 71, 14-23.	2.1	55
18	Hemichorea in a patient with diabetic ketoacidosis. Journal of the Neurological Sciences, 2014, 342, 189-191.	0.3	16

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19	Rapid Accumulation of Endogenous Tau Oligomers in a Rat Model of Traumatic Brain Injury. Journal of Biological Chemistry, 2013, 288, 17042-17050.	1.6	115
20	Disruption of Glycerol Metabolism by RNAi Targeting of Genes Encoding Glycerol Kinase Results in a Range of Phenotype Severity in Drosophila. PLoS ONE, 2013, 8, e71664.	1.1	1
21	Identification of oligomers at early stages of tau aggregation in Alzheimer's disease. FASEB Journal, 2012, 26, 1946-1959.	0.2	420
22	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
23	Alzheimer brain-derived tau oligomers propagate pathology from endogenous tau. Scientific Reports, 2012, 2, 700.	1.6	396
24	Glycerol Hypersensitivity in a Drosophila Model for Glycerol Kinase Deficiency Is Affected by Mutations in Eye Pigmentation Genes. PLoS ONE, 2012, 7, e31779.	1.1	5
25	Role of oligomers in the amyloidogenesis of primary cutaneous amyloidosis. Journal of the American Academy of Dermatology, 2011, 65, 1023-1031.	0.6	11
26	Alzheimers Disease: Review of Emerging Treatment Role for Intravenous Immunoglobulins. Journal of Central Nervous System Disease, 2011, 3, JCNSD.S5018.	0.7	9
27	Tau oligomers impair memory and induce synaptic and mitochondrial dysfunction in wild-type mice. Molecular Neurodegeneration, 2011, 6, 39.	4.4	462
28	Demise of the Flies. Progress in Molecular Biology and Translational Science, 2011, 100, 483-498.	0.9	6
29	Functional genomic screen and network analysis reveal novel modifiers of tauopathy dissociated from tau phosphorylation. Human Molecular Genetics, 2011, 20, 4947-4977.	1.4	110
30	Pathogenic VCP/TER94 Alleles Are Dominant Actives and Contribute to Neurodegeneration by Altering Cellular ATP Level in a Drosophila IBMPFD Model. PLoS Genetics, 2011, 7, e1001288.	1.5	53
31	Preparation and Characterization of Neurotoxic Tau Oligomers. Biochemistry, 2010, 49, 10039-10041.	1.2	302
32	Neurodegenerative models in Drosophila: Polyglutamine disorders, Parkinson disease, and amyotrophic lateral sclerosis. Neurobiology of Disease, 2010, 40, 29-39.	2.1	67
33	Therapeutic removal of amyloid deposits in cutaneous amyloidosis by localised intraâ€lesional injections of antiâ€amyloid antibodies. Experimental Dermatology, 2010, 19, 904-911.	1.4	12
34	Interaction Between Eye Pigment Genes and Tau-Induced Neurodegeneration in Drosophila melanogaster. Genetics, 2010, 186, 435-442.	1.2	28
35	New vaccine development for chronic brain disease. Neuropsychopharmacology, 2010, 35, 354-354.	2.8	4
36	Bacterial Artificial Chromosome Transgenic Mice Expressing a Truncated Mutant Parkin Exhibit Age-Dependent Hypokinetic Motor Deficits, Dopaminergic Neuron Degeneration, and Accumulation of Proteinase K-Resistant Î±-Synuclein. Journal of Neuroscience, 2009, 29, 1962-1976.	1.7	168

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37	Dissociation of tau toxicity and phosphorylation: role of GSK-3Î², MARK and Cdk5 in a Drosophila model. Human Molecular Genetics, 2009, 18, 164-177.	1.4	160
38	Prefilament tau species as potential targets for immunotherapy for Alzheimer disease and related disorders. Current Opinion in Immunology, 2009, 21, 359-363.	2.4	52
39	Association of GSK3B With Alzheimer Disease and Frontotemporal Dementia. Archives of Neurology, 2008, 65, 1368-74.	4.9	86
40	Guide to Understanding Drosophila Models of Neurodegenerative Diseases. PLoS Biology, 2008, 6, e53.	2.6	14
41	A Drosophila Model of ALS: Human ALS-Associated Mutation in VAP33A Suggests a Dominant Negative Mechanism. PLoS ONE, 2008, 3, e2334.	1.1	109
42	A Drosophila Model of Mutant Human Parkin-Induced Toxicity Demonstrates Selective Loss of Dopaminergic Neurons and Dependence on Cellular Dopamine. Journal of Neuroscience, 2007, 27, 981-992.	1.7	136
43	Model Organisms and Neurogenetics. Medical Psychiatry, 2007, , 117-134.	0.2	0
44	Degradation of Tau Protein by Puromycin-Sensitive Aminopeptidase in Vitro. Biochemistry, 2006, 45, 15111-15119.	1.2	64
45	A Genomic Screen for Modifiers of Tauopathy Identifies Puromycin-Sensitive Aminopeptidase as an Inhibitor of Tau-Induced Neurodegeneration. Neuron, 2006, 51, 549-560.	3.8	130
46	Normal-repeat-length polyglutamine peptides accelerate aggregation nucleation and cytotoxicity of expanded polyglutamine proteins. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14367-14372.	3.3	73
47	Drosophila Models of Polyglutamine Disorders. , 2006, , 587-594.		0
48	Inactivation of Drosophila Apaf-1 related killer suppresses formation of polyglutamine aggregates and blocks polyglutamine pathogenesis. Human Molecular Genetics, 2005, 14, 357-372.	1.4	58
49	Drosophila models of neurodegenerative disease. NeuroRx, 2005, 2, 438-446.	6.0	103
50	Characterization of Na+-permeable Cation Channels in LLC-PK1 Renal Epithelial Cells. Journal of Biological Chemistry, 2004, 279, 20137-20146.	1.6	10
51	Human Wild-Type Tau Interacts with wingless Pathway Components and Produces Neurofibrillary Pathology in Drosophila. Neuron, 2002, 34, 509-519.	3.8	487
52	Histone deacetylase inhibitors arrest polyglutamine-dependent neurodegeneration in Drosophila. Nature, 2001, 413, 739-743.	13.7	1,156
53	Polyglutamine-Expanded Human Huntingtin Transgenes Induce Degeneration of Drosophila Photoreceptor Neurons. Neuron, 1998, 21, 633-642.	3.8	490
54	Paradigms for Study of Neurotrophin Effects in Oxidant Injury. Methods in Neurosciences, 1996, 30, 1-25.	0.5	1

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55	Renal Epithelial Protein (Apx) Is an Actin Cytoskeleton-regulated Na+ Channel. Journal of Biological Chemistry, 1996, 271, 18045-18053.	1.6	28
56	Effects of nerve growth factor on catalase and glutathione peroxidase in a hydrogen peroxide-resistant pheochromocytoma subclone. Brain Research, 1994, 634, 69-76.	1.1	44
57	Effects of Nerve Growth Factor on Glutathione Peroxidase and Catalase in PC 12 Cells. Journal of Neurochemistry, 1994, 62, 2476-2479.	2.1	106
58	Stimulation of nerve growth factor receptors in PC12 by acetyl-l-carnitine. Biochemical Pharmacology, 1992, 44, 577-585.	2.0	39
59	Nerve growth factor effects on pyridine nucleotides after oxidant injury of rat pheochromocytoma cells. Brain Research, 1992, 592, 239-248.	1.1	50
60	Nerve growth factor and neuronal cell death. Molecular Neurobiology, 1990, 4, 57-91.	1.9	29
61	Neurodegeneration models in Drosophila. , 0, , 135-161.		2