

Douglas E Wright

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,674
citations

201674

27
h-index

189892

50
g-index

54
all docs

54
docs citations

54
times ranked

3088
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetic neuropathy. <i>Nature Reviews Disease Primers</i> , 2019, 5, 41.	30.5	692
2	The effect of exercise on neuropathic symptoms, nerve function, and cutaneous innervation in people with diabetic peripheral neuropathy. <i>Journal of Diabetes and Its Complications</i> , 2012, 26, 424-429.	2.3	266
3	Restorative effects of neurotrophin treatment on diabetes-induced cutaneous axon loss in mice. <i>Experimental Neurology</i> , 2003, 179, 188-199.	4.1	122
4	Role of advanced glycation endproducts and glyoxalase I in diabetic peripheral sensory neuropathy. <i>Translational Research</i> , 2012, 159, 355-365.	5.0	109
5	Vitamin D Deficiency Promotes Skeletal Muscle Hypersensitivity and Sensory Hyperinnervation. <i>Journal of Neuroscience</i> , 2011, 31, 13728-13738.	3.6	106
6	Exercise-mediated improvements in painful neuropathy associated with prediabetes in mice. <i>Pain</i> , 2013, 154, 2658-2667.	4.2	82
7	Abnormal Muscle Spindle Innervation and Large-Fiber Neuropathy in Diabetic Mice. <i>Diabetes</i> , 2008, 57, 1693-1701.	0.6	75
8	Emerging Relationships between Exercise, Sensory Nerves, and Neuropathic Pain. <i>Frontiers in Neuroscience</i> , 2016, 10, 372.	2.8	74
9	Beneficial actions of neurotrophin treatment on diabetes-induced hypoalgesia in mice. <i>Journal of Pain</i> , 2003, 4, 493-504.	1.4	61
10	A Role for Insulin in Diabetic Neuropathy. <i>Frontiers in Neuroscience</i> , 2016, 10, 581.	2.8	60
11	Early loss of peptidergic intraepidermal nerve fibers in an STZ-induced mouse model of insensate diabetic neuropathy. <i>Pain</i> , 2008, 140, 35-47.	4.2	59
12	Exercise Increases Insulin Content and Basal Secretion in Pancreatic Islets in Type 1 Diabetic Mice. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-10.	3.8	59
13	Peripheral nervous system insulin resistance in ob/ob mice. <i>Acta Neuropathologica Communications</i> , 2013, 1, 15.	5.2	57
14	Aerobic Exercise Alters Analgesia and Neurotrophin-3 Synthesis in an Animal Model of Chronic Widespread Pain. <i>Physical Therapy</i> , 2010, 90, 714-725.	2.4	56
15	Safety of Aerobic Exercise in People With Diabetic Peripheral Neuropathy: Single-Group Clinical Trial. <i>Physical Therapy</i> , 2015, 95, 223-234.	2.4	56
16	Impaired sensory nerve function and axon morphology in mice with diabetic neuropathy. <i>Journal of Neurophysiology</i> , 2011, 106, 905-914.	1.8	50
17	Caveolin-1 and Altered Neuregulin Signaling Contribute to the Pathophysiological Progression of Diabetic Peripheral Neuropathy. <i>Diabetes</i> , 2009, 58, 2677-2686.	0.6	47
18	A ketogenic diet reduces metabolic syndrome-induced allodynia and promotes peripheral nerve growth in mice. <i>Experimental Neurology</i> , 2018, 306, 149-157.	4.1	46

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19	Neurotrophin-3 Reverses Chronic Mechanical Hyperalgesia Induced by Intramuscular Acid Injection. <i>Journal of Neuroscience</i> , 2004, 24, 9405-9413.	3.6	44
20	pro-NGF, sortilin, and p75NTR: Potential mediators of injury-induced apoptosis in the mouse dorsal root ganglion. <i>Brain Research</i> , 2007, 1183, 32-42.	2.2	43
21	Characterisation of glyoxalase I in a streptozocin-induced mouse model of diabetes with painful and insensate neuropathy. <i>Diabetologia</i> , 2011, 54, 2174-2182.	6.3	43
22	Selective changes in nocifensive behavior despite normal cutaneous axon innervation in leptin receptor null mutant (<i>db/db</i>) mice. <i>Journal of the Peripheral Nervous System</i> , 2007, 12, 250-261.	3.1	36
23	Acidic Saline-Induced Primary and Secondary Mechanical Hyperalgesia in Mice. <i>Journal of Pain</i> , 2009, 10, 1231-1241.	1.4	34
24	Diabetes-induced expression of activating transcription factor 3 in mouse primary sensory neurons. <i>Journal of the Peripheral Nervous System</i> , 2004, 9, 242-254.	3.1	33
25	Postnatal regulation of limb proprioception by muscle-derived neurotrophin-3. <i>Journal of Comparative Neurology</i> , 2001, 432, 244-258.	1.6	31
26	Central or peripheral delivery of an adenosine A1 receptor agonist improves mechanical allodynia in a mouse model of painful diabetic neuropathy. <i>Neuroscience</i> , 2015, 285, 312-323.	2.3	31
27	Increased FNDC5 is associated with insulin resistance in high fat-fed mice. <i>Physiological Reports</i> , 2017, 5, e13319.	1.7	28
28	Prenatal Exposure to Elevated NT3 Disrupts Synaptic Selectivity in the Spinal Cord. <i>Journal of Neuroscience</i> , 2007, 27, 3686-3694.	3.6	27
29	Modulation of diet-induced mechanical allodynia by metabolic parameters and inflammation. <i>Journal of the Peripheral Nervous System</i> , 2017, 22, 39-46.	3.1	24
30	Glial cell line-derived neurotrophic factor-responsive and neurotrophin-3-responsive neurons require the cytoskeletal linker protein dystonin for postnatal survival. <i>Journal of Comparative Neurology</i> , 2001, 432, 155-168.	1.6	23
31	Reduced mitochondrial reactive oxygen species production in peripheral nerves of mice fed a ketogenic diet. <i>Experimental Physiology</i> , 2018, 103, 1206-1212.	2.0	23
32	Modulation of muscle spindle innervation by neurotrophin-3 following nerve injury. <i>Experimental Neurology</i> , 2005, 191, 211-222.	4.1	20
33	Diabetes-Induced Chemogenic Hypoalgesia Is Paralleled by Attenuated Stimulus-Induced Fos Expression in the Spinal Cord of Diabetic Mice. <i>Journal of Pain</i> , 2007, 8, 637-649.	1.4	20
34	<i>In vivo</i> peripheral nervous system insulin signaling. <i>Journal of the Peripheral Nervous System</i> , 2013, 18, 209-219.	3.1	17
35	Intrinsic Activity of C57BL/6 Substrains Associates with High-Fat Diet-Induced Mechanical Sensitivity in Mice. <i>Journal of Pain</i> , 2018, 19, 1285-1295.	1.4	17
36	Deletion of the insulin receptor in sensory neurons increases pancreatic insulin levels. <i>Experimental Neurology</i> , 2018, 305, 97-107.	4.1	13

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37	Streptozotocin-induced Diabetes Partially Attenuates the Effects of a High-fat Diet on Liver and Brain Fatty Acid Composition in Mice. <i>Lipids</i> , 2013, 48, 939-948.	1.7	12
38	Foot shock stress generates persistent widespread hypersensitivity and anhedonic behavior in an anxiety-prone strain of mice. <i>Pain</i> , 2020, 161, 211-219.	4.2	12
39	Voluntary wheel running improves outcomes in an early life stress-induced model of urologic chronic pelvic pain syndrome in male mice. <i>Pain</i> , 2021, 162, 1681-1691.	4.2	10
40	Inflammatory Mediators in Diabetic Neuropathy. <i>Journal of Diabetes & Metabolism</i> , 2012, 01, .	0.2	9
41	Experimental motor neuropathy in diabetes. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and C W Bruyn, 2014, 126, 461-467.	1.8	8
42	A ketogenic diet reduces mechanical allodynia and improves epidermal innervation in diabetic mice. <i>Pain</i> , 2022, 163, 682-689.	4.2	8
43	Perioperative Surveillance for Adverse Myocardial Events. <i>Southern Medical Journal</i> , 2008, 101, 52-58.	0.7	7
44	Rats bred for low and high running capacity display alterations in peripheral tissues and nerves relevant to neuropathy and pain. <i>Brain and Behavior</i> , 2017, 7, e00780.	2.2	7
45	Chewing the fat: Genetic approaches to model dyslipidemia-induced diabetic neuropathy in mice. <i>Experimental Neurology</i> , 2013, 248, 504-508.	4.1	5
46	Less is More in Diabetic Neuropathy Diagnosis: Comparison of Quantitative Sudomotor Axon Reflex and Skin Biopsy. <i>Journal of Clinical Neuromuscular Disease</i> , 2017, 19, 5-11.	0.7	4
47	A ketogenic diet prevents methylglyoxal-evoked nociception by scavenging methylglyoxal. <i>Pain</i> , 2022, Publish Ahead of Print, .	4.2	4
48	The impact of foot shock-induced stress on pain-related behavior associated with burn injury. <i>Burns</i> , 2021, 47, 1896-1907.	1.9	2
49	204 Voluntary Exercise Modulates Macrophage Polarization Following Sciatic Nerve Injury and Improves Functional Recovery in Mice. <i>Neurosurgery</i> , 2017, 64, 255.	1.1	1
50	The Effects Of A High-fat Diet And Exercise On The Pgc-1 α -fndc5/irisin Pathway In C57bl/6 Mice. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 545.	0.4	0
51	Influences Of Experimental Dyslipidemia On Murine Diabetic Neuropathy. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 32.	0.4	0