

James W Russell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4345644/publications.pdf>

Version: 2024-02-01

56
papers

5,701
citations

109137

35
h-index

161609

54
g-index

57
all docs

57
docs citations

57
times ranked

5934
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetic neuropathy. Nature Reviews Disease Primers, 2019, 5, 41.	18.1	692
2	Lifestyle Intervention for Pre-Diabetic Neuropathy. Diabetes Care, 2006, 29, 1294-1299.	4.3	509
3	High glucose-induced oxidative stress and mitochondrial dysfunction in neurons. FASEB Journal, 2002, 16, 1738-1748.	0.2	462
4	Neurons Undergo Apoptosis in Animal and Cell Culture Models of Diabetes. Neurobiology of Disease, 1999, 6, 347-363.	2.1	379
5	Microvascular Complications of Impaired Glucose Tolerance. Diabetes, 2003, 52, 2867-2873.	0.3	321
6	Diabetes and Cognitive Impairment. Current Diabetes Reports, 2016, 16, 87.	1.7	318
7	Oxidative Stress and Programmed Cell Death in Diabetic Neuropathy. Annals of the New York Academy of Sciences, 2002, 959, 368-383.	1.8	274
8	The Utah Early Neuropathy Scale: a sensitive clinical scale for early sensory predominant neuropathy. Journal of the Peripheral Nervous System, 2008, 13, 218-227.	1.4	184
9	Uncoupling Proteins Prevent Glucose-Induced Neuronal Oxidative Stress and Programmed Cell Death. Diabetes, 2004, 53, 726-734.	0.3	158
10	Recent advances in drug-induced neuropathies. Current Opinion in Neurology, 2002, 15, 633-638.	1.8	153
11	Treatment of Diabetic Sensory Polyneuropathy. Current Treatment Options in Neurology, 2011, 13, 143-159.	0.7	124
12	Insulin-Like Growth Factor-I and Over-Expression of Bcl-xL Prevent Glucose-Mediated Apoptosis in Schwann Cells. Journal of Neuropathology and Experimental Neurology, 2001, 60, 147-160.	0.9	119
13	Insulin-like growth factor-I prevents apoptosis in neurons after nerve growth factor withdrawal. , 1998, 36, 455-467.		115
14	Overexpression of SIRT1 Protein in Neurons Protects against Experimental Autoimmune Encephalomyelitis through Activation of Multiple SIRT1 Targets. Journal of Immunology, 2013, 190, 4595-4607.	0.4	110
15	Physiological characterization of neuropathy in Fabry's disease. Muscle and Nerve, 2002, 26, 622-629.	1.0	102
16	Localization of the transcriptional coactivator PGC-1 α to GABAergic neurons during maturation of the rat brain. Journal of Comparative Neurology, 2007, 502, 1-18.	0.9	96
17	SOD2 protects neurons from injury in cell culture and animal models of diabetic neuropathy. Experimental Neurology, 2007, 208, 216-227.	2.0	95
18	New insights into the pathogenesis of diabetic neuropathy. Current Opinion in Neurology, 1999, 12, 553-563.	1.8	88

#	ARTICLE	IF	CITATIONS
19	Role of mitochondria in diabetic peripheral neuropathy: Influencing the NAD ⁺ -dependent SIRT1-PCG-1 β -TFAM pathway. <i>International Review of Neurobiology</i> , 2019, 145, 177-209.	0.9	84
20	Oxidative injury and neuropathy in diabetes and impaired glucose tolerance. <i>Neurobiology of Disease</i> , 2008, 30, 420-429.	2.1	80
21	PCG-1 β regulation of mitochondrial degeneration in experimental diabetic neuropathy. <i>Neurobiology of Disease</i> , 2014, 64, 118-130.	2.1	77
22	Impaired glucose tolerance?does it cause neuropathy?. <i>Muscle and Nerve</i> , 2001, 24, 1109-1112.	1.0	63
23	Diabetic Neuropathies. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2014, 20, 1226-1240.	0.4	62
24	Clinical neuropathy scales in neuropathy associated with impaired glucose tolerance. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 372-377.	1.2	62
25	Reliability of quantitative sudomotor axon reflex testing and quantitative sensory testing in neuropathy of impaired glucose regulation. <i>Muscle and Nerve</i> , 2009, 39, 529-535.	1.0	61
26	Potential roles of PINK1 for increased PGC-1 β -mediated mitochondrial fatty acid oxidation and their associations with Alzheimer disease and diabetes. <i>Mitochondrion</i> , 2014, 18, 41-48.	1.6	59
27	Protection against glucose-induced neuronal death by NAAG and GCP II inhibition is regulated by mGluR3. <i>Journal of Neurochemistry</i> , 2004, 89, 90-99.	2.1	57
28	IGF-I Promotes Peripheral Nervous System Myelination. <i>Annals of the New York Academy of Sciences</i> , 1999, 883, 124-130.	1.8	51
29	Autonomic dysfunction in obstructive sleep apnea is associated with impaired glucose regulation. <i>Sleep Medicine</i> , 2007, 8, 149-155.	0.8	50
30	Metabotropic glutamate receptor 3 protects neurons from glucose-induced oxidative injury by increasing intracellular glutathione concentration. <i>Journal of Neurochemistry</i> , 2007, 101, 342-354.	2.1	50
31	Advances in Understanding Drug-Induced Neuropathies. <i>Drug Safety</i> , 2006, 29, 23-30.	1.4	46
32	Mitochondrial transcription factor A regulation of mitochondrial degeneration in experimental diabetic neuropathy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E132-E141.	1.8	46
33	Overexpression of Sirtuin 1 protein in neurons prevents and reverses experimental diabetic neuropathy. <i>Brain</i> , 2019, 142, 3737-3752.	3.7	46
34	Physical activity and dietary interventions in diabetic neuropathy: a systematic review. <i>Clinical Autonomic Research</i> , 2019, 29, 443-455.	1.4	45
35	The dilemma of diabetes in chronic inflammatory demyelinating polyneuropathy. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 1401-1407.	1.2	43
36	Symptoms of Autonomic Dysfunction in Systemic Sclerosis Assessed by the COMPASS-31 Questionnaire. <i>Journal of Rheumatology</i> , 2018, 45, 1145-1152.	1.0	40

#	ARTICLE	IF	CITATIONS
37	Brain diabetic neurodegeneration segregates with low intrinsic aerobic capacity. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 589-604.	1.7	39
38	Transforming growth factor- β^2 induces cellular injury in experimental diabetic neuropathy. <i>Experimental Neurology</i> , 2008, 211, 469-479.	2.0	37
39	SIRT1 and NAD ⁺ precursors: Therapeutic targets in multiple sclerosis a review. <i>Journal of Neuroimmunology</i> , 2017, 304, 29-34.	1.1	36
40	Metabotropic glutamate receptor regulation of neuronal cell death. <i>Experimental Neurology</i> , 2003, 184, 97-105.	2.0	35
41	Nitrosative Injury and Antioxidant Therapy in the Management of Diabetic Neuropathy. <i>Journal of Investigative Medicine</i> , 2004, 52, 33-44.	0.7	31
42	Identification of novel targets for PGC-1 β and histone deacetylase inhibitors in neuroblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 578-582.	1.0	31
43	Metabotropic Glutamate Receptors (mGluRs) and Diabetic Neuropathy. <i>Current Drug Targets</i> , 2008, 9, 85-93.	1.0	25
44	Content validity of symptom-based measures for diabetic, chemotherapy, and HIV peripheral neuropathy. <i>Muscle and Nerve</i> , 2017, 55, 366-372.	1.0	24
45	mGluR2/3 activation of the SIRT1 axis preserves mitochondrial function in diabetic neuropathy. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 844-858.	1.7	23
46	A novel PGC-1 β isoform in brain localizes to mitochondria and associates with PINK1 and VDAC. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 671-677.	1.0	22
47	Clinician-rated measures for distal symmetrical axonal polyneuropathy. <i>Neurology</i> , 2019, 93, 346-360.	1.5	19
48	Regulation of PGC-1 β and PGC-1 α -responsive genes with forskolin-induced Schwann cell differentiation. <i>Neuroscience Letters</i> , 2008, 439, 269-274.	1.0	16
49	NAD ⁺ Precursors Repair Mitochondrial Function in Diabetes and Prevent Experimental Diabetic Neuropathy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4887.	1.8	11
50	Is there cardiac autonomic neuropathy in prediabetes?. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 229, 102722.	1.4	10
51	The Relationship Between Autonomic Dysfunction of the Gastrointestinal Tract and Emotional Distress in Patients With Systemic Sclerosis. <i>Journal of Clinical Rheumatology</i> , 2021, 27, 11-17.	0.5	7
52	Validation of a simple disease-specific, quality-of-life measure for diabetic polyneuropathy. <i>Neurology</i> , 2018, 90, e2034-e2041.	1.5	6
53	Does duloxetine safely and effectively reduce the severity of diabetic peripheral neuropathic pain?. <i>Nature Clinical Practice Neurology</i> , 2006, 2, 18-19.	2.7	4
54	Alpha-lipoic acid and frataxin: A new indication for an old antioxidant?. <i>Experimental Neurology</i> , 2009, 218, 9-10.	2.0	2

#	ARTICLE	IF	CITATIONS
55	Use of non-invasive ventilation to facilitate extubation in a patient with amyotrophic lateral sclerosis with hypercapnic respiratory failure. <i>Neurology International</i> , 2019, 11, 8102.	1.3	1
56	Strategies for the prevention or reversal of neuropathy. , 2022, , 259-281.		0