Lucy Hinder

List of Publications by Year
in descending order

27 papers	1,697 citations	394286 19 h-index	526166 27 g-index
27 all docs	27 docs citations	27 times ranked	2686 citing authors

#	Article	IF	Citations
1	Neurological consequences of obesity. Lancet Neurology, The, 2017, 16, 465-477.	4.9	331
2	Decreased glycolytic and tricarboxylic acid cycle intermediates coincide with peripheral nervous system oxidative stress in a murine model of type 2 diabetes. Journal of Endocrinology, 2013, 216, 1-11.	1.2	222
3	Tissue-specific metabolic reprogramming drives nutrient flux in diabetic complications. JCI Insight, 2016, 1, e86976.	2.3	188
4	Hyperlipidemia: a new therapeutic target for diabetic neuropathy. Journal of the Peripheral Nervous System, 2009, 14, 257-267.	1.4	145
5	Abnormal RNA stability in amyotrophic lateral sclerosis. Nature Communications, 2018, 9, 2845.	5.8	113
6	ER Stress in Diabetic Peripheral Neuropathy: A New Therapeutic Target. Antioxidants and Redox Signaling, 2014, 21, 621-633.	2.5	73
7	Dyslipidemia impairs mitochondrial trafficking and function in sensory neurons. FASEB Journal, 2018, 32, 195-207.	0.2	68
8	Dietary reversal of neuropathy in a murine model of prediabetes and the metabolic syndrome. DMM Disease Models and Mechanisms, 2017, 10, 717-725.	1.2	53
9	The Metabolic Syndrome and Microvascular Complications in a Murine Model of Type 2 Diabetes. Diabetes, 2015, 64, 3294-3304.	0.3	49
10	Comparative RNAâ€Seq transcriptome analyses reveal distinct metabolic pathways in diabetic nerve and kidney disease. Journal of Cellular and Molecular Medicine, 2017, 21, 2140-2152.	1.6	45
11	Long-Chain Acyl Coenzyme A Synthetase 1 Overexpression in Primary Cultured Schwann Cells Prevents Long Chain Fatty Acid-Induced Oxidative Stress and Mitochondrial Dysfunction. Antioxidants and Redox Signaling, 2014, 21, 588-600.	2.5	44
12	Transcriptional networks of progressive diabetic peripheral neuropathy in the db/db mouse model of type 2 diabetes: An inflammatory story. Experimental Neurology, 2018, 305, 33-43.	2.0	42
13	Integrated lipidomic and transcriptomic analyses identify altered nerve triglycerides in mouse models of prediabetes and type 2 diabetes. DMM Disease Models and Mechanisms, 2020, 13, .	1.2	42
14	Bioenergetics in diabetic neuropathy: what we need to know. Journal of the Peripheral Nervous System, 2012, 17, 10-14.	1.4	39
15	Shared and distinct lipid-lipid interactions in plasma and affected tissues in a diabetic mouse model. Journal of Lipid Research, 2018, 59, 173-183.	2.0	38
16	Transcriptional networks of murine diabetic peripheral neuropathy and nephropathy: common and distinct gene expression patterns. Diabetologia, 2016, 59, 1297-1306.	2.9	34
17	Apolipoprotein E knockout as the basis for mouse models of dyslipidemia-induced neuropathy. Experimental Neurology, 2013, 239, 102-110.	2.0	29
18	Juvenile murine models of prediabetes and type 2 diabetes develop neuropathy. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	28

#	Article	IF	Citations
19	Genome-wide DNA methylation profiling of human diabetic peripheral neuropathy in subjects with type 2 diabetes mellitus. Epigenetics, 2019, 14, 766-779.	1.3	28
20	Mitochondrial uncoupling has no effect on microvascular complications in type 2 diabetes. Scientific Reports, 2019, 9, 881.	1.6	19
21	Differential Effects of Empagliflozin on Microvascular Complications in Murine Models of Type 1 and Type 2 Diabetes. Biology, 2020, 9, 347.	1.3	19
22	High Dietary Fat Consumption Impairs Axonal Mitochondrial FunctionIn Vivo. Journal of Neuroscience, 2021, 41, 4321-4334.	1.7	14
23	Dual <scp>CCR2</scp>/<scp>CCR5</scp> antagonist treatment attenuates adipose inflammation, but not microvascular complications in ob/ob mice. Diabetes, Obesity and Metabolism, 2017, 19, 1468-1472.	2.2	13
24	Gene expression profiles of diabetic kidney disease and neuropathy in eNOS knockout mice: Predictors of pathology and RAS blockade effects. FASEB Journal, 2021, 35, e21467.	0.2	10
25	Amelioration of Peripheral Neuropathy in Mouse Models of Diabetes by Dietary Reversal. Diabetes, 2018, 67, .	0.3	6
26	Differential effects of minocycline on microvascular complications in murine models of type 1 and type 2 diabetes. Journal of Translational Science, 2021, 7, .	0.2	4
27	Obesity and the nervous system: more questions â€“ Authors' reply. Lancet Neurology, The, 2017, 16, 774.	4.9	1