Alison D Mcneilly

List of Publications by Year
in descending order

43 papers	1,443 citations	516710 16 h-index	377865 34 g-index
44 all docs	44 docs citations	44 times ranked	2932 citing authors

#	Article	IF	Citations
1	Central deficiency of IL-6Ra in mice impairs glucose-stimulated insulin secretion. Molecular Metabolism, 2022, 61, 101488.	6.5	2
2	Highâ€intensity training as a novel treatment for impaired awareness of hypoglycaemia in type 1 diabetes [HIT4HYPOS]: Protocol for a randomized parallelâ€group study. Endocrinology, Diabetes and Metabolism, 2021, 4, e00166.	2.4	3
3	Cold-induced dishabituation in rodents exposed to recurrent hypoglycaemia. Diabetologia, 2021, 64, 1436-1441.	6.3	4
4	The genetic association of the transcription factor NPAT with glycemic response to metformin involves regulation of fuel selection. PLoS ONE, 2021, 16, e0253533.	2.5	0
5	Challenges and solutions for diabetes early career researchers in the COVIDâ€19 recovery: Perspectives of the Diabetes UK Innovators in Diabetes. Diabetic Medicine, 2021, , e14698.	2.3	0
6	Loss of O-GlcNAcase catalytic activity leads to defects in mouse embryogenesis. Journal of Biological Chemistry, 2021, 296, 100439.	3.4	28
7	Hypoglycaemia: Still the main drawback of insulin 100 years on: â€œFrom man to mouseâ€• Diabetic Medicine, 2021, 38, e14721.	2.3	2
8	Reducing Glut2 throughout the body does not result in cognitive behaviour differences in aged male mice. BMC Research Notes, 2020, 13, 438.	1.4	2
9	Real-time Continuous Glucose Monitoring During a Hyperinsulinemic-Hypoglycemic Clamp Significantly Underestimates the Degree of Hypoglycemia. Diabetes Care, 2020, 43, e142-e143.	8.6	11
10	Experimental Models of Impaired Hypoglycaemia-Associated Counter-Regulation. Trends in Endocrinology and Metabolism, 2020, 31, 691-703.	7.1	11
11	Inhibition of NFAT Signaling Restores Microvascular Endothelial Function in Diabetic Mice. Diabetes, 2020, 69, 424-435.	0.6	17
12	UK consensus on pre-clinical vascular cognitive impairment functional outcomes assessment: Questionnaire and workshop proceedings. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1402-1414.	4.3	4
13	A randomised controlled study of high intensity exercise as a dishabituating stimulus to improve hypoglycaemia awareness in people with type 1 diabetes: a proof-of-concept study. Diabetologia, 2020, 63, 853-863.	6.3	13
14	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. Journal of Clinical Investigation, 2020, 130, 4104-4117.	8.2	26
15	Recruitment, Retainment, and Biomarkers of Response; A Pilot Trial of Lithium in Humans With Mild Cognitive Impairment. Frontiers in Molecular Neuroscience, 2019, 12, 163.	2.9	15
16	Loss of CRMP2 O-GlcNAcylation leads to reduced novel object recognition performance in mice. Open Biology, 2019, 9, 190192.	3.6	17
17	In-vivo correlations between skin metabolic oscillations and vasomotion in wild-type mice and in a model of oxidative stress. Scientific Reports, 2019, 9, 186.	3.3	9
18	113-OR: ADA Presidents' Select Abstract: Dishabituation with High Intensity Exercise Improves Epinephrine Response and Symptomatic Awareness to Hypoglycemia in People with Type 1 Diabetes and Impaired Awareness of Hypoglycemia. Diabetes, 2019, 68, .	0.6	2

#	Article	IF	Citations
19	1837-P: Central IL-6 Receptor Deficiency Impairs Pancreatic Insulin Secretion. Diabetes, 2019, 68, 1837-P.	0.6	0
20	372-P: Activation of the Nrf2 Pathway Provides Protection against Hypoglycaemia-Induced Cognitive Impairment in a Rodent Model of Type 1 Diabetes. Diabetes, 2019, 68, 372-P.	0.6	0
21	373-P: Recurrent Insulin-Induced Hypoglycaemia Leads to Weight Gain in Association with Increased Adiposity and Reduced Basal Metabolic Rate. Diabetes, 2019, 68, 373-P.	0.6	0
22	383-P: The Potential Role of Il-6 in Defective Glucose Sensing following Recurrent Hypoglycaemia. Diabetes, 2019, 68, 383-P.	0.6	0
23	Impaired hypoglycaemia awareness in type 1 diabetes: lessons from the lab. Diabetologia, 2018, 61, 743-750.	6.3	36
24	Experimental Nonalcoholic Steatohepatitis and Liver Fibrosis AreÂAmeliorated by Pharmacologic Activation of Nrf2 (NF-E2 p45-Related Factor 2). Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 367-398.	4.5	154
25	Bace1-dependent amyloid processing regulates hypothalamic leptin sensitivity in obese mice. Scientific Reports, 2018, 8, 55.	3.3	29
26	High-Intensity Exercise as a Dishabituating Stimulus Restores Counterregulatory Responses in Recurrently Hypoglycemic Rodents. Diabetes, 2017, 66, 1696-1702.	0.6	20
27	The effect of dietary intervention on the metabolic and behavioural impairments generated by short term high fat feeding in the rat. Physiology and Behavior, 2016, 167, 100-109.	2.1	7
28	Anti-Inflammatory Effects of Metformin Irrespective of Diabetes Status. Circulation Research, 2016, 119, 652-665.	4.5	498
29	Nrf2-Mediated Neuroprotection Against Recurrent Hypoglycemia Is Insufficient to Prevent Cognitive Impairment in a Rodent Model of Type 1 Diabetes. Diabetes, 2016, 65, 3151-3160.	0.6	34
30	High fat feeding is associated with stimulation of the hypothalamic-pituitary-adrenal axis and reduced anxiety in the rat. Psychoneuroendocrinology, 2015, 52, 272-280.	2.7	43
31	NFAT inhibition improves microvascular function in a mouse model of chronic diabetes. Atherosclerosis, 2015, 241, e145.	0.8	1
32	Hypertension Fails to Disrupt White Matter Integrity in Young Or Aged Fisher (F44) Cyp1a1Ren2 Transgenic Rats. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 188-192.	4.3	10
33	The Scylla and Charybdis of glucose control in childhood type 1 diabetes?. Pediatric Diabetes, 2015, 16, 235-241.	2.9	16
34	Characterization of a Human Keratinocyte HaCaT Cell Line Model to Study the Regulation of CYP2S1. Drug Metabolism and Disposition, 2012, 40, 283-289.	3.3	23
35	Reduction in BACE1 decreases body weight, protects against diet-induced obesity and enhances insulin sensitivity in mice. Biochemical Journal, 2012, 441, 285-296.	3.7	96
36	A high-fat-diet-induced cognitive deficit in rats that is not prevented by improving insulin sensitivity with metformin. Diabetologia, 2012, 55, 3061-3070.	6.3	72

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37	Insulin resistance in the brain: An old-age or new-age problem?. Biochemical Pharmacology, 2012, 84, 737-745.	4.4	61
38	High fat feeding promotes simultaneous decline in insulin sensitivity and cognitive performance in a delayed matching and non-matching to position task. Behavioural Brain Research, 2011, 217, 134-141.	2.2	79
39	Bile acids modulate glucocorticoid metabolism and the hypothalamicâ€“pituitaryâ€“adrenal axis in obstructive jaundice. Journal of Hepatology, 2010, 52, 705-711.	3.7	79
40	Renal sodium retention in cirrhotic rats depends on glucocorticoid-mediated activation of mineralocorticoid receptor due to decreased renal 11Î²-HSD-2 activity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R625-R636.	1.8	19
41	Acute intense exercise restores defective counter-regulation in type 1 diabetes through a process of dis-habituation. Endocrine Abstracts, 0, , .	0.0	0
42	Central IL6 signalling and the development of impaired insulin secretion in type2 diabetes. Endocrine Abstracts, 0, , .	0.0	0
43	Inhibition of NFAT signallingin vivoimproves microvascular endothelial function in a mouse model of chronic diabetes. Endocrine Abstracts, 0, , .	0.0	0