

# Alison D Mcneilly

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Anti-Inflammatory Effects of Metformin Irrespective of Diabetes Status. <i>Circulation Research</i> , 2016, 119, 652-665.	4.5	498
2	Experimental Nonalcoholic Steatohepatitis and Liver Fibrosis Are Ameliorated by Pharmacologic Activation of Nrf2 (NF-E2 p45-Related Factor 2). <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 367-398.	4.5	154
3	Reduction in BACE1 decreases body weight, protects against diet-induced obesity and enhances insulin sensitivity in mice. <i>Biochemical Journal</i> , 2012, 441, 285-296.	3.7	96
4	Bile acids modulate glucocorticoid metabolism and the hypothalamic-pituitary-adrenal axis in obstructive jaundice. <i>Journal of Hepatology</i> , 2010, 52, 705-711.	3.7	79
5	High fat feeding promotes simultaneous decline in insulin sensitivity and cognitive performance in a delayed matching and non-matching to position task. <i>Behavioural Brain Research</i> , 2011, 217, 134-141.	2.2	79
6	A high-fat-diet-induced cognitive deficit in rats that is not prevented by improving insulin sensitivity with metformin. <i>Diabetologia</i> , 2012, 55, 3061-3070.	6.3	72
7	Insulin resistance in the brain: An old-age or new-age problem?. <i>Biochemical Pharmacology</i> , 2012, 84, 737-745.	4.4	61
8	High fat feeding is associated with stimulation of the hypothalamic-pituitary-adrenal axis and reduced anxiety in the rat. <i>Psychoneuroendocrinology</i> , 2015, 52, 272-280.	2.7	43
9	Impaired hypoglycaemia awareness in type 1 diabetes: lessons from the lab. <i>Diabetologia</i> , 2018, 61, 743-750.	6.3	36
10	Nrf2-Mediated Neuroprotection Against Recurrent Hypoglycemia Is Insufficient to Prevent Cognitive Impairment in a Rodent Model of Type 1 Diabetes. <i>Diabetes</i> , 2016, 65, 3151-3160.	0.6	34
11	Bace1-dependent amyloid processing regulates hypothalamic leptin sensitivity in obese mice. <i>Scientific Reports</i> , 2018, 8, 55.	3.3	29
12	Loss of O-GlcNAcase catalytic activity leads to defects in mouse embryogenesis. <i>Journal of Biological Chemistry</i> , 2021, 296, 100439.	3.4	28
13	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. <i>Journal of Clinical Investigation</i> , 2020, 130, 4104-4117.	8.2	26
14	Characterization of a Human Keratinocyte HaCaT Cell Line Model to Study the Regulation of CYP2S1. <i>Drug Metabolism and Disposition</i> , 2012, 40, 283-289.	3.3	23
15	High-Intensity Exercise as a Dishabituating Stimulus Restores Counterregulatory Responses in Recurrently Hypoglycemic Rodents. <i>Diabetes</i> , 2017, 66, 1696-1702.	0.6	20
16	Renal sodium retention in cirrhotic rats depends on glucocorticoid-mediated activation of mineralocorticoid receptor due to decreased renal 11 $\beta$ -HSD-2 activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R625-R636.	1.8	19
17	Loss of CRMP2 O-GlcNAcylation leads to reduced novel object recognition performance in mice. <i>Open Biology</i> , 2019, 9, 190192.	3.6	17
18	Inhibition of NFAT Signaling Restores Microvascular Endothelial Function in Diabetic Mice. <i>Diabetes</i> , 2020, 69, 424-435.	0.6	17

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19	The Scylla and Charybdis of glucose control in childhood type 1 diabetes?. <i>Pediatric Diabetes</i> , 2015, 16, 235-241.	2.9	16
20	Recruitment, Retainment, and Biomarkers of Response; A Pilot Trial of Lithium in Humans With Mild Cognitive Impairment. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 163.	2.9	15
21	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. <i>Diabetologia</i> , 2020, 63, 853-863.	6.3	13
22	Real-time Continuous Glucose Monitoring During a Hyperinsulinemic-Hypoglycemic Clamp Significantly Underestimates the Degree of Hypoglycemia. <i>Diabetes Care</i> , 2020, 43, e142-e143.	8.6	11
23	Experimental Models of Impaired Hypoglycaemia-Associated Counter-Regulation. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 691-703.	7.1	11
24	Hypertension Fails to Disrupt White Matter Integrity in Young Or Aged Fisher (F44) Cyp1a1Ren2 Transgenic Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 188-192.	4.3	10
25	In-vivo correlations between skin metabolic oscillations and vasomotion in wild-type mice and in a model of oxidative stress. <i>Scientific Reports</i> , 2019, 9, 186.	3.3	9
26	The effect of dietary intervention on the metabolic and behavioural impairments generated by short term high fat feeding in the rat. <i>Physiology and Behavior</i> , 2016, 167, 100-109.	2.1	7
27	UK consensus on pre-clinical vascular cognitive impairment functional outcomes assessment: Questionnaire and workshop proceedings. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1402-1414.	4.3	4
28	Cold-induced dishabituating in rodents exposed to recurrent hypoglycaemia. <i>Diabetologia</i> , 2021, 64, 1436-1441.	6.3	4
29	High intensity training as a novel treatment for impaired awareness of hypoglycaemia in type 1 diabetes [HIT4HYPOS]: Protocol for a randomized parallel group study. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, 4, e00166.	2.4	3
30	Reducing Glut2 throughout the body does not result in cognitive behaviour differences in aged male mice. <i>BMC Research Notes</i> , 2020, 13, 438.	1.4	2
31	113-OR: ADA Presidents' Select Abstract: Dishabituating with High Intensity Exercise Improves Epinephrine Response and Symptomatic Awareness to Hypoglycemia in People with Type 1 Diabetes and Impaired Awareness of Hypoglycemia. <i>Diabetes</i> , 2019, 68, .	0.6	2
32	Hypoglycaemia: Still the main drawback of insulin 100 years on: "From man to mouse". <i>Diabetic Medicine</i> , 2021, 38, e14721.	2.3	2
33	Central deficiency of IL-6Ra in mice impairs glucose-stimulated insulin secretion. <i>Molecular Metabolism</i> , 2022, 61, 101488.	6.5	2
34	NFAT inhibition improves microvascular function in a mouse model of chronic diabetes. <i>Atherosclerosis</i> , 2015, 241, e145.	0.8	1
35	The genetic association of the transcription factor NPAT with glycemic response to metformin involves regulation of fuel selection. <i>PLoS ONE</i> , 2021, 16, e0253533.	2.5	0
36	Challenges and solutions for diabetes early career researchers in the COVID-19 recovery: Perspectives of the Diabetes UK Innovators in Diabetes. <i>Diabetic Medicine</i> , 2021, , e14698.	2.3	0

#	ARTICLE	IF	CITATIONS
37	Acute intense exercise restores defective counter-regulation in type 1 diabetes through a process of dis-habituation. Endocrine Abstracts, 0, , .	0.0	0
38	Central IL6 signalling and the development of impaired insulin secretion in type2 diabetes. Endocrine Abstracts, 0, , .	0.0	0
39	Inhibition of NFAT signalling in vivo improves microvascular endothelial function in a mouse model of chronic diabetes. Endocrine Abstracts, 0, , .	0.0	0
40	1837-P: Central IL-6 Receptor Deficiency Impairs Pancreatic Insulin Secretion. Diabetes, 2019, 68, 1837-P.	0.6	0
41	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
42	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
43	383-P: The Potential Role of Il-6 in Defective Glucose Sensing following Recurrent Hypoglycaemia. Diabetes, 2019, 68, 383-P.	0.6	0