Natalie Jane Michael

List of Publications by Year
in descending order

15	336	1163117 8	996975 15
papers	citations	h-index	g-index

17	17	17	587
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Insulin regulates POMC neuronal plasticity to control glucose metabolism. ELife, 2018, 7, .	6.0	85
2	Direct and indirect effects of liraglutide on hypothalamic POMC and NPY/AgRP neurons â€“ Implications for energy balance and glucose control. Molecular Metabolism, 2019, 28, 120-134.	6.5	61
3	A Hypothalamic Phosphatase Switch Coordinates Energy Expenditure with Feeding. Cell Metabolism, 2017, 26, 375-393.e7.	16.2	42
4	Effects of caffeine on alertness as measured by infrared reflectance oculography. Psychopharmacology, 2008, 200, 255-260.	3.1	25
5	Adipocyte Gs but not Gi signaling regulates whole-body glucose homeostasis. Molecular Metabolism, 2019, 27, 11-21.	6.5	25
6	A Neural basis for Octanoic acid regulation of energy balance. Molecular Metabolism, 2020, 34, 54-71.	6.5	20
7	Mitochondrial uncoupling in the melanocortin system differentially regulates NPY and POMC neurons to promote weight-loss. Molecular Metabolism, 2017, 6, 1103-1112.	6.5	15
8	The impact of ageing, fasting and highâ€fat diet on central and peripheral glucose tolerance and glucoseâ€sensing neural networks in the arcuate nucleus. Journal of Neuroendocrinology, 2017, 29, e12528.	2.6	9
9	CB1Rs in VMH neurons regulate glucose homeostasis but not body weight. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E146-E155.	3.5	9
10	Long Chain Fatty Acids Differentially Regulate Sub-populations of Arcuate POMC and NPY Neurons. Neuroscience, 2020, 451, 164-173.	2.3	8
11	Melanocortin regulation of histaminergic neurons via perifornical lateral hypothalamic melanocortin 4 receptors. Molecular Metabolism, 2020, 35, 100956.	6.5	7
12	Electrophysiological Properties of Genetically Identified Histaminergic Neurons. Neuroscience, 2020, 444, 183-195.	2.3	6
13	Coordination of metabolism, arousal, and reward by orexin/hypocretin neurons. Journal of Clinical Investigation, 2020, 130, 4540-4542.	8.2	5
14	New Horizons: Is Obesity a Disorder of Neurotransmission?. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4872-e4886.	3.6	4
15	Sexâ€specific Consequences of Psychosocial Stress on Cardiorespiratory Control: a Comparison with Intermittent Hypoxia. FASEB Journal, 2022, 36, .	0.5	0