Debra Rimmington

List of Publications by Year
in descending order

13 papers	1,254 citations	759233 12 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	2437 citing authors

#	Article	IF	Citations
1	GDF15 mediates the effects of metformin on body weight and energy balance. Nature, 2020, 578, 444-448.	27.8	326
2	GDF15 Provides an Endocrine Signal of Nutritional Stress in Mice and Humans. Cell Metabolism, 2019, 29, 707-718.e8.	16.2	286
3	Trim28 Haploinsufficiency Triggers Bi-stable Epigenetic Obesity. Cell, 2016, 164, 353-364.	28.9	161
4	Heterogeneity of hypothalamic pro-opiomelanocortin-expressing neurons revealed by single-cell RNA sequencing. Molecular Metabolism, 2017, 6, 383-392.	6.5	128
5	Hypothalamic loss of Snord116 recapitulates the hyperphagia of Prader-Willi syndrome. Journal of Clinical Investigation, 2018, 128, 960-969.	8.2	81
6	Obesity-associated gene TMEM18 has a role in the central control of appetite and body weight regulation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9421-9426.	7.1	57
7	Inhibition of mitochondrial function by metformin increases glucose uptake, glycolysis and GDF-15 release from intestinal cells. Scientific Reports, 2021, 11, 2529.	3.3	52
8	A survey of the mouse hindbrain in the fed and fasted states using single-nucleus RNA sequencing. Molecular Metabolism, 2021, 53, 101240.	6.5	41
9	Activation of the hypothalamicâ€“pituitaryâ€“adrenal axis by exogenous and endogenous GDF15. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	40
10	Contributions of Function-Altering Variants in Genes Implicated in Pubertal Timing and Body Mass for Self-Limited Delayed Puberty. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 649-659.	3.6	31
11	FTO is necessary for the induction of leptin resistance by high-fat feeding. Molecular Metabolism, 2015, 4, 287-298.	6.5	22
12	Trappc9 deficiency causes parent-of-origin dependent microcephaly and obesity. PLoS Genetics, 2020, 16, e1008916.	3.5	22
13	Murine neuronatin deficiency is associated with a hypervariable food intake and bimodal obesity. Scientific Reports, 2021, 11, 17571.	3.3	5