

Olivia Osborn

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28 papers	3,142 citations	19 h-index	29 g-index
29 ext. papers	3,642 ext. citations	15.3 avg, IF	5.35 L-index

#	Paper	IF	Citations
28	Conserved immunomodulatory transcriptional networks underlie antipsychotic-induced weight gain. <i>Translational Psychiatry</i> , 2021 , 11, 405	8.6	0
27	Obesity-induced changes in lipid mediators persist after weight loss. <i>International Journal of Obesity</i> , 2018 , 42, 728-736	5.5	18
26	Cysteine- and glycine-rich protein 3 regulates glucose homeostasis in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E267-E278	6	4
25	RaLA controls glucose homeostasis by regulating glucose uptake in brown fat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 7819-7824	11.5	26
24	Distinct gene signatures predict insulin resistance in young mice with high fat diet-induced obesity. <i>Physiological Genomics</i> , 2018 , 50, 144-157	3.6	7
23	Diet-induced obesity and weight loss alter bile acid concentrations and bile acid-sensitive gene expression in insulin target tissues of C57BL/6J mice. <i>Nutrition Research</i> , 2017 , 46, 11-21	4	29
22	Adipose tissue B2 cells promote insulin resistance through leukotriene LTB4/LTB4R1 signaling. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1019-1030	15.9	73
21	Hematopoietic-Derived Galectin-3 Causes Cellular and Systemic Insulin Resistance. <i>Cell</i> , 2016 , 167, 973-984	34.2	149
20	The role of dietary fat in obesity-induced insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E989-E997	6	12
19	Distinct Hepatic Macrophage Populations in Lean and Obese Mice. <i>Frontiers in Endocrinology</i> , 2016 , 7, 152	5.7	10
18	LTB4 promotes insulin resistance in obese mice by acting on macrophages, hepatocytes and myocytes. <i>Nature Medicine</i> , 2015 , 21, 239-247	50.5	189
17	Adipocyte SIRT1 knockout promotes PPAR α activity, adipogenesis and insulin sensitivity in chronic-HFD and obesity. <i>Molecular Metabolism</i> , 2015 , 4, 378-91	8.8	102
16	Characterization of distinct subpopulations of hepatic macrophages in HFD/obese mice. <i>Diabetes</i> , 2015 , 64, 1120-30	0.9	103
15	Intestinal FXR agonism promotes adipose tissue browning and reduces obesity and insulin resistance. <i>Nature Medicine</i> , 2015 , 21, 159-65	50.5	420
14	Endocrinization of FGF1 produces a neomorphic and potent insulin sensitizer. <i>Nature</i> , 2014 , 513, 436-9	50.4	150
13	Knock-down of IL-1Ra in obese mice decreases liver inflammation and improves insulin sensitivity. <i>PLoS ONE</i> , 2014 , 9, e107487	3.7	18
12	Neuronal Sirt1 deficiency increases insulin sensitivity in both brain and peripheral tissues. <i>Journal of Biological Chemistry</i> , 2013 , 288, 10722-35	5.4	48

11	The cellular and signaling networks linking the immune system and metabolism in disease. <i>Nature Medicine</i> , 2012 , 18, 363-74	50.5	1084
10	G protein-coupled receptor 21 deletion improves insulin sensitivity in diet-induced obese mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 2444-53	15.9	41
9	Ccl22/MDC, is a prostaglandin dependent pyrogen, acting in the anterior hypothalamus to induce hyperthermia via activation of brown adipose tissue. <i>Cytokine</i> , 2011 , 53, 311-9	4	9
8	Targeting GPR120 and other fatty acid-sensing GPCRs ameliorates insulin resistance and inflammatory diseases. <i>Trends in Pharmacological Sciences</i> , 2011 , 32, 543-50	13.2	194
7	Insulin-like growth factor 1-mediated hyperthermia involves anterior hypothalamic insulin receptors. <i>Journal of Biological Chemistry</i> , 2011 , 286, 14983-90	5.4	30
6	Sirt1 enhances skeletal muscle insulin sensitivity in mice during caloric restriction. <i>Journal of Clinical Investigation</i> , 2011 , 121, 4281-8	15.9	145
5	Insulin causes hyperthermia by direct inhibition of warm-sensitive neurons. <i>Diabetes</i> , 2010 , 59, 43-50	0.9	68
4	Fat-induced inflammation unchecked. <i>Cell Metabolism</i> , 2010 , 12, 553-4	24.6	12
3	Metabolic characterization of a mouse deficient in all known leptin receptor isoforms. <i>Cellular and Molecular Neurobiology</i> , 2010 , 30, 23-33	4.6	19
2	Treatment with an Interleukin 1 beta antibody improves glycemic control in diet-induced obesity. <i>Cytokine</i> , 2008 , 44, 141-8	4	111
1	A locus for autosomal dominant "pure" hereditary spastic paraplegia maps to chromosome 19q13. <i>American Journal of Human Genetics</i> , 2000 , 66, 728-32	11	70