Simon N Dankel

List of Publications by Year
in descending order

32 papers	2,123 citations	471509 17 h-index	454955 30 g-index
33 all docs	33 docs citations	33 times ranked	5936 citing authors

#	Article	IF	Citations
1	FTO Obesity Variant Circuitry and Adipocyte Browning in Humans. New England Journal of Medicine, 2015, 373, 895-907.	27.0	1,105
2	ASC-1, PAT2, and P2RX5 are cell surface markers for white, beige, and brown adipocytes. Science Translational Medicine, 2014, 6, 247ra103.	12.4	169
3	Leveraging Cross-Species Transcription Factor Binding Site Patterns: From Diabetes Risk Loci to Disease Mechanisms. Cell, 2014, 156, 343-358.	28.9	113
4	Switch from Stress Response to Homeobox Transcription Factors in Adipose Tissue After Profound Fat Loss. PLoS ONE, 2010, 5, e11033.	2.5	104
5	COL6A3 expression in adipocytes associates with insulin resistance and depends on PPARÎ³ and adipocyte size. Obesity, 2014, 22, 1807-1813.	3.0	67
6	COL6A3 Is Regulated by Leptin in Human Adipose Tissue and Reduced in Obesity. Endocrinology, 2015, 156, 134-146.	2.8	56
7	Visceral adiposity and metabolic syndrome after very highâ€“fat and low-fat isocaloric diets: a randomized controlled trial. American Journal of Clinical Nutrition, 2017, 105, 85-99.	4.7	46
8	A MicroRNA Linking Human Positive Selection and Metabolic Disorders. Cell, 2020, 183, 684-701.e14.	28.9	46
9	3-Hydroxyisobutyrate, A Strong Marker of Insulin Resistance in Type 2 Diabetes and Obesity That Modulates White and Brown Adipocyte Metabolism. Diabetes, 2020, 69, 1903-1916.	0.6	42
10	Single-cell transcriptional networks in differentiating preadipocytes suggest drivers associated with tissue heterogeneity. Nature Communications, 2020, 11, 2117.	12.8	37
11	Primary Hyperparathyroidism Influences the Expression of Inflammatory and Metabolic Genes in Adipose Tissue. PLoS ONE, 2011, 6, e20481.	2.5	34
12	Seven-year trajectories of body weight, quality of life and comorbidities following Roux-en-Y gastric bypass and sleeve gastrectomy. International Journal of Obesity, 2022, 46, 739-749.	3.4	34
13	IRX5 regulates adipocyte amyloid precursor protein and mitochondrial respiration in obesity. International Journal of Obesity, 2019, 43, 2151-2162.	3.4	27
14	cAMP-mediated regulation of HNF-4Î± depends on the level of coactivator PGC-1Î±. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 1013-1019.	4.1	23
15	Metabolic and Epigenetic Regulation by Estrogen in Adipocytes. Frontiers in Endocrinology, 2022, 13, 828780.	3.5	23
16	Absence of the proteoglycan decorin reduces glucose tolerance in overfed male mice. Scientific Reports, 2019, 9, 4614.	3.3	21
17	Role of the Neutral Amino Acid Transporter SLC7A10 in Adipocyte Lipid Storage, Obesity, and Insulin Resistance. Diabetes, 2021, 70, 680-695.	0.6	21
18	Downregulation of Steroid Receptor Coactivator-2 Modulates Estrogen-Responsive Genes and Stimulates Proliferation of MCF-7 Breast Cancer Cells. PLoS ONE, 2013, 8, e70096.	2.5	21

#	Article	IF	Citations
19	The homeoviscous adaptation to dietary lipids (HADL) model explains controversies over saturated fat, cholesterol, and cardiovascular disease risk. American Journal of Clinical Nutrition, 2021, 113, 277-289.	4.7	18
20	COL6A3 expression in adipose tissue cells is associated with levels of the homeobox transcription factor PRRX1. Scientific Reports, 2020, 10, 20164.	3.3	16
21	Tissue-Specific Effects of Bariatric Surgery Including Mitochondrial Function. Journal of Obesity, 2011, 2011, 1-9.	2.7	14
22	The Rho GTPase RND3 regulates adipocyte lipolysis. Metabolism: Clinical and Experimental, 2019, 101, 153999.	3.4	14
23	Short-term effects of Vertical sleeve gastrectomy and Roux-en-Y gastric bypass on glucose homeostasis. Scientific Reports, 2019, 9, 14817.	3.3	12
24	The homeobox factor Irx3 maintains adipogenic identity. Metabolism: Clinical and Experimental, 2020, 103, 154014.	3.4	12
25	Plasma 3-hydroxyisobutyrate (3-HIB) and methylmalonic acid (MMA) are markers of hepatic mitochondrial fatty acid oxidation in male Wistar rats. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158887.	2.4	11
26	Hepatic Energy Metabolism Underlying Differential Lipidomic Responses to High-Carbohydrate and High-Fat Diets in Male Wistar Rats. Journal of Nutrition, 2021, 151, 2610-2621.	2.9	8
27	Genetic Deficiency of TRAF5 Promotes Adipose Tissue Inflammation and Aggravates Diet-Induced Obesity in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2563-2574.	2.4	8
28	Serglycin Is Involved in Adipose Tissue Inflammation in Obesity. Journal of Immunology, 2022, 208, 121-132.	0.8	8
29	Meal patterns associated with energy intake in people with obesity. British Journal of Nutrition, 2022, 128, 334-344.	2.3	7
30	Changes in lipoprotein particle subclasses, standard lipids, and apolipoproteins after supplementation with n-3 or n-6 PUFAs in abdominal obesity: A randomized double-blind crossover study. Clinical Nutrition, 2021, 40, 2556-2575.	5.0	6
31	Reply to JJ Christensen et al.. American Journal of Clinical Nutrition, 2021, 113, 1712-1713.	4.7	0
32	Reply to A Laila. American Journal of Clinical Nutrition, 2021, 114, 823-824.	4.7	0