John-Olov Jansson

List of Publications by Year in descending order

36 papers	2,130 citations	394421 19 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	4371 citing authors

#	Article	IF	Citations
1	A Body Weight Sensor Regulates Prepubertal Growth via the Somatotropic Axis in Male Rats. Endocrinology, 2021, 162, .	2.8	3
2	The gravitostat protects dietâ€induced obese rats against fat accumulation and weight gain. Journal of Neuroendocrinology, 2021, 33, e12997.	2.6	6
3	Bloodâ€“brain shuttlesâ€”a new way to reach the brain?. Nature Metabolism, 2021, 3, 1040-1041.	11.9	1
4	Testosterone reduces metabolic brown fat activity in male mice. Journal of Endocrinology, 2021, 251, 83-96.	2.6	5
5	Revisiting the critical weight hypothesis for regulation of pubertal timing in boys. American Journal of Clinical Nutrition, 2021, 113, 123-128.	4.7	6
6	The gravitostat theory: More data needed. EClinicalMedicine, 2020, 27, 100530.	7.1	2
7	Increased weight loading reduces body weight and body fat in obese subjects â€“ A proof of concept randomized clinical trial. EClinicalMedicine, 2020, 22, 100338.	7.1	20
8	Disentangling the genetics of lean mass. American Journal of Clinical Nutrition, 2019, 109, 276-287.	4.7	38
9	Dietary Polyunsaturated Fatty Acids Promote Neutrophil Accumulation in the Spleen by Altering Chemotaxis and Delaying Cell Death. Infection and Immunity, 2019, 87, .	2.2	14
10	Interleukinâ€6 in the central amygdala is bioactive and coâ€localised with glucagonâ€like peptideâ€1 receptor. Journal of Neuroendocrinology, 2019, 31, e12722.	2.6	7
11	Interactions Between the Gravitostat and the Fibroblast Growth Factor System for the Regulation of Body Weight. Endocrinology, 2019, 160, 1057-1064.	2.8	5
12	Glucagon-Like Peptide-1-, but not Growth and Differentiation Factor 15-, Receptor Activation Increases the Number of Interleukin-6-Expressing Cells in the External Lateral Parabrachial Nucleus. Neuroendocrinology, 2019, 109, 310-321.	2.5	5
13	Reply to Lund: Where does the gravitostat fit in?. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1335.	7.1	4
14	Body weight homeostat that regulates fat mass independently of leptin in rats and mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 427-432.	7.1	74
15	Hyperandrogenism and insulin resistance contribute to hepatic steatosis and inflammation in female rat liver. Oncotarget, 2018, 9, 18180-18197.	1.8	27
16	The Gravitostat Regulates Fat Mass in Obese Male Mice While Leptin Regulates Fat Mass in Lean Male Mice. Endocrinology, 2018, 159, 2676-2682.	2.8	18
17	New horizons for future research â€“ Critical issues to consider for maximizing research excellence and impact. Molecular Metabolism, 2018, 14, 53-59.	6.5	3
18	Deficiency of liver-derived insulin-like growth factor-I (IGF-I) does not interfere with the skin wound healing rate. PLoS ONE, 2018, 13, e0193084.	2.5	15

#	Article	IF	Citations
19	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	12.8	169
20	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	12.8	147
21	BMP4 Gene Therapy in Mature Mice Reduces BAT Activation but Protects from Obesity by Browning Subcutaneous Adipose Tissue. Cell Reports, 2017, 20, 1038-1049.	6.4	62
22	Increased adipose tissue aromatase activity improves insulin sensitivity and reduces adipose tissue inflammation in male mice. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E450-E462.	3.5	39
23	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	3.5	158
24	Preproglucagon neurons in the hindbrain have IL-6 receptor-Î± and show Ca2+ influx in response to IL-6. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R115-R123.	1.8	21
25	Genomewide metaâ€analysis identifies loci associated with <scp>IGF</scp> â€‐ and <scp>IGFBP</scp> â€3 levels with impact on ageâ€related traits. Aging Cell, 2016, 15, 811-824.	6.7	83
26	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	12.8	153
27	Regulation of body fat mass by the gut microbiota: Possible mediation by the brain. Peptides, 2016, 77, 54-59.	2.4	20
28	The androgen receptor confers protection against dietâ€induced atherosclerosis, obesity, and dyslipidemia in female mice. FASEB Journal, 2015, 29, 1540-1550.	0.5	43
29	Brain IL-6â€"Where Amylin and GLP-1 Antiobesity Signaling Congregate. Diabetes, 2015, 64, 1498-1499.	0.6	8
30	Dietary Polyunsaturated Fatty Acids Increase Survival and Decrease Bacterial Load during Septic Staphylococcus aureus Infection and Improve Neutrophil Function in Mice. Infection and Immunity, 2015, 83, 514-521.	2.2	30
31	The Role of Liver-Derived Insulin-Like Growth Factor-I. Endocrine Reviews, 2009, 30, 494-535.	20.1	361
32	Leukemia inhibitory factor reduces body fat mass in ovariectomized mice. European Journal of Endocrinology, 2006, 154, 349-354.	3.7	18
33	Amplification and overexpression of the hepatocyte growth factor receptor (HGFR/MET) in rat DMBA sarcomas. Oncogene, 1999, 18, 3226-3234.	5.9	23
34	Isolation of Three Electrophoretic Variants of Rat Pituitary Growth Hormone. Preparative Biochemistry and Biotechnology, 1987, 17, 25-49.	0.5	11
35	Growth Hormone-Releasing Hormone*. Endocrine Reviews, 1986, 7, 223-253.	20.1	418
36	Effect of frequency of growth hormone administration on longitudinal bone growth and body weight in hypophysectomized rats. Acta Physiologica Scandinavica, 1982, 114, 261-265.	2.2	107