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	Growth Hormone-Releasing Hormone*. Endocrine Reviews, 1986, 7, 223-253.	20.1	418
2	The Role of Liver-Derived Insulin-Like Growth Factor-I. Endocrine Reviews, 2009, 30, 494-535.	20.1	361
3	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
4	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	3.5	158
5	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	12.8	153
6	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	12.8	147
7	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
8	Genomewide metaâ€analysis identifies loci associated with <scp>IGF</scp> â€1 and <scp>IGFBP</scp> â€3 levels with impact on ageâ€related traits. Aging Cell, 2016, 15, 811-824.	6.7	83
9	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
10	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
11	The androgen receptor confers protection against dietâ€induced atherosclerosis, obesity, and dyslipidemia in female mice. FASEB Journal, 2015, 29, 1540-1550.	0.5	43
12	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
13	Disentangling the genetics of lean mass. American Journal of Clinical Nutrition, 2019, 109, 276-287.	4.7	38
14	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
15	Hyperandrogenism and insulin resistance contribute to hepatic steatosis and inflammation in female rat liver. Oncotarget, 2018, 9, 18180-18197.	1.8	27
16	Amplification and overexpression of the hepatocyte growth factor receptor (HGFR/MET) in rat DMBA sarcomas. Oncogene, 1999, 18, 3226-3234.	5.9	23
17	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
18	Regulation of body fat mass by the gut microbiota: Possible mediation by the brain. Peptides, 2016, 77, 54-59.	2.4	20

#	Article	IF	Citations
19	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
20	Leukemia inhibitory factor reduces body fat mass in ovariectomized mice. European Journal of Endocrinology, 2006, 154, 349-354.	3.7	18
21	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
22	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
23	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
24	Isolation of Three Electrophoretic Variants of Rat Pituitary Growth Hormone. Preparative Biochemistry and Biotechnology, 1987, 17, 25-49.	0.5	11
25	Brain IL-6â€"Where Amylin and GLP-1 Antiobesity Signaling Congregate. Diabetes, 2015, 64, 1498-1499.	0.6	8
26	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
27	The gravitostat protects dietâ€induced obese rats against fat accumulation and weight gain. Journal of Neuroendocrinology, 2021, 33, e12997.	2.6	6
28	Revisiting the critical weight hypothesis for regulation of pubertal timing in boys. American Journal of Clinical Nutrition, 2021, 113, 123-128.	4.7	6
29	Interactions Between the Gravitostat and the Fibroblast Growth Factor System for the Regulation of Body Weight. Endocrinology, 2019, 160, 1057-1064.	2.8	5
30	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
31	Testosterone reduces metabolic brown fat activity in male mice. Journal of Endocrinology, 2021, 251, 83-96.	2.6	5
32	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
33	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
34	A Body Weight Sensor Regulates Prepubertal Growth via the Somatotropic Axis in Male Rats. Endocrinology, 2021, 162, .	2.8	3
35	The gravitostat theory: More data needed. EClinicalMedicine, 2020, 27, 100530.	7.1	2
36	Bloodâ€“brain shuttlesâ€"a new way to reach the brain?. Nature Metabolism, 2021, 3, 1040-1041.	11.9	1