

Ville Raymond Wallenius

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,984
citations

201575

27
h-index

128225

60
g-index

62
all docs

62
docs citations

62
times ranked

5073
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin-6-deficient mice develop mature-onset obesity. <i>Nature Medicine</i> , 2002, 8, 75-79.	15.2	1,073
2	Liver-derived insulin-like growth factor I (IGF-I) is the principal source of IGF-I in blood but is not required for postnatal body growth in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 7088-7092.	3.3	826
3	Intracerebroventricular interleukin-6 treatment decreases body fat in rats. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 560-565.	1.0	207
4	Mature-Onset Obesity in Interleukin-1 Receptor I Knockout Mice. <i>Diabetes</i> , 2006, 55, 1205-1213.	0.3	153
5	Interleukin-6 Levels in the Central Nervous System Are Negatively Correlated with Fat Mass in Overweight/Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4379-4383.	1.8	124
6	The gut microbiota is a major regulator of androgen metabolism in intestinal contents. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E1182-E1192.	1.8	118
7	Lack of Complement Factor C3, but Not Factor B, Increases Hyperlipidemia and Atherosclerosis in Apolipoprotein E ^{0/0} Low-Density Lipoprotein Receptor ^{0/0} Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1062-1067.	1.1	90
8	Gastric Bypass Surgery Is Followed by Lowered Blood Pressure and Increased Diuresis - Long Term Results from the Swedish Obese Subjects (SOS) Study. <i>PLoS ONE</i> , 2012, 7, e49696.	1.1	87
9	Reduced stress- and cold-induced increase in energy expenditure in interleukin-6-deficient mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R551-R557.	0.9	81
10	Liver-Derived IGF-I Regulates GH Secretion at the Pituitary Level in Mice. <i>Endocrinology</i> , 2001, 142, 4762-4770.	1.4	74
11	Overexpression of the Hepatocyte Growth Factor (HGF) Receptor (Met) and Presence of a Truncated and Activated Intracellular HGF Receptor Fragment in Locally Aggressive/Malignant Human Musculoskeletal Tumors. <i>American Journal of Pathology</i> , 2000, 156, 821-829.	1.9	72
12	GM1 ganglioside-independent intoxication by Cholera toxin. <i>PLoS Pathogens</i> , 2018, 14, e1006862.	2.1	57
13	Insulin-Like Growth Factors Stimulate Expression of Hepatocyte Growth Factor But Not Transforming Growth Factor β 1 in Cultured Hepatic Stellate Cells*. <i>Endocrinology</i> , 1997, 138, 4683-4689.	1.4	54
14	Interleukin-1 System Gene Polymorphisms Are Associated with Fat Mass in Young Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 2749-2754.	1.8	47
15	Expression of tight-junction proteins in human proximal small intestinal mucosa before and after Roux-en-Y gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 45-53.	1.0	45
16	Efficacy and safety of bariatric surgery for craniopharyngioma-related hypothalamic obesity: a matched case-control study with 2 years of follow-up. <i>International Journal of Obesity</i> , 2017, 41, 210-216.	1.6	45
17	Fucosylated Molecules Competitively Interfere with Cholera Toxin Binding to Host Cells. <i>ACS Infectious Diseases</i> , 2018, 4, 758-770.	1.8	42
18	Interleukin-6 mediates exercise-induced increase in insulin sensitivity in mice. <i>Experimental Physiology</i> , 2012, 97, 1224-1235.	0.9	41

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19	Hepatocyte-stimulated expression of hepatocyte growth factor (HGF) in cultured rat hepatic stellate cells. <i>Journal of Hepatology</i> , 1999, 30, 115-124.	1.8	40
20	Glycemic Control after Sleeve Gastrectomy and Roux-En-Y Gastric Bypass in Obese Subjects with Type 2 Diabetes Mellitus. <i>Obesity Surgery</i> , 2018, 28, 1461-1472.	1.1	40
21	Surgery in the treatment of type 2 diabetes mellitus. <i>Scandinavian Journal of Surgery</i> , 2015, 104, 40-47.	1.3	34
22	Obesity-induced changes in lipid mediators persist after weight loss. <i>International Journal of Obesity</i> , 2018, 42, 728-736.	1.6	33
23	Impact of obesity on intensive care outcomes in patients with COVID-19 in Sweden—A cohort study. <i>PLoS ONE</i> , 2021, 16, e0257891.	1.1	33
24	The therapeutic potential of interleukin-6 in treating obesity. <i>Expert Opinion on Biological Therapy</i> , 2003, 3, 1061-1070.	1.4	32
25	The Lipocalins Retinol-Binding Protein-4, Lipocalin-2 and Lipocalin-Type Prostaglandin D2-Synthase Correlate with Markers of Inflammatory Activity, Alcohol Intake and Blood Lipids, But not with Insulin Sensitivity in Metabolically Healthy 58-year-Old Swedish Men. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2011, 119, 75-80.	0.6	32
26	On the site and mechanism of action of the anti-obesity effects of interleukin-6. <i>Growth Hormone and IGF Research</i> , 2003, 13, S28-S32.	0.5	31
27	Interleukin-6 does/does not have a beneficial role in insulin sensitivity and glucose homeostasis. <i>Journal of Applied Physiology</i> , 2007, 102, 820-823.	1.2	30
28	Roux-en-Y Gastric Bypass Surgery Increases Respiratory Quotient and Energy Expenditure during Food Intake. <i>PLoS ONE</i> , 2015, 10, e0129784.	1.1	30
29	Normal pharmacologically-induced, but decreased regenerative liver growth in interleukin-6-deficient (IL-6 ^{-/-}) mice. <i>Journal of Hepatology</i> , 2000, 33, 967-974.	1.8	26
30	Up-regulation of the high-affinity pyrimidine-preferring nucleoside transporter concentrative nucleoside transporter 1 by tumor necrosis factor-alpha and interleukin-6 in liver parenchymal cells. <i>Journal of Hepatology</i> , 2004, 41, 538-544.	1.8	26
31	Bone mineral density and expression of vitamin D receptor-dependent calcium uptake mechanisms in the proximal small intestine after bariatric surgery. <i>British Journal of Surgery</i> , 2014, 101, 1566-1575.	0.1	25
32	Amplification and overexpression of the hepatocyte growth factor receptor (HGFR/MET) in rat DMBA sarcomas. <i>Oncogene</i> , 1999, 18, 3226-3234.	2.6	23
33	Increased Levels of Acylation-Stimulating Protein in Interleukin-6-Deficient (IL-6 ^{-/-}) Mice. <i>Endocrinology</i> , 2006, 147, 2690-2695.	1.4	23
34	Sleeve gastrectomy and Roux-en-Y gastric bypass in the treatment of type 2 diabetes. Two-year results from a Swedish multicenter randomized controlled trial. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 1035-1044.	1.0	23
35	Changes in expression of CCAAT/enhancer binding protein 1 \pm (C/EBP1 \pm) and C/EBP2 in rat liver after partial hepatectomy but not after treatment with cyproterone acetate. <i>Journal of Hepatology</i> , 1997, 27, 903-911.	1.8	22
36	Chromosomal localization of rat hepatocyte growth factor (Hgf) and HGF receptor (Met) and characterization of HGF receptor cDNA. <i>Mammalian Genome</i> , 1997, 8, 661-667.	1.0	20

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37	AICAR ameliorates high-fat diet-associated pathophysiology in mouse and ex vivo models, independent of adiponectin. <i>Diabetologia</i> , 2017, 60, 729-739.	2.9	20
38	Retarded Liver Growth in Interleukin-6-Deficient and Tumor Necrosis Factor Receptor-1-Deficient Mice*. <i>Endocrinology</i> , 2001, 142, 2953-2960.	1.4	19
39	Comparative analysis of obesity-related cardiometabolic and renal biomarkers in human plasma and serum. <i>Scientific Reports</i> , 2019, 9, 15385.	1.6	19
40	Suppression of enteroendocrine cell glucagon-like peptide (GLP)-1 release by fat-induced small intestinal ketogenesis: a mechanism targeted by Roux-en-Y gastric bypass surgery but not by preoperative very-low-calorie diet. <i>Gut</i> , 2020, 69, 1423-1431.	6.1	19
41	Potential Benefits and Harms of Gastric Bypass Surgery in Obese Individuals With Type 1 Diabetes: A Nationwide, Matched, Observational Cohort Study. <i>Diabetes Care</i> , 2020, 43, 3079-3085.	4.3	17
42	Healthy Subcutaneous and Omental Adipose Tissue Is Associated with High Expression of Extracellular Matrix Components. <i>International Journal of Molecular Sciences</i> , 2022, 23, 520.	1.8	16
43	The immune checkpoint B7-H3 (CD276) regulates adipocyte progenitor metabolism and obesity development. <i>Science Advances</i> , 2022, 8, eabm7012.	4.7	13
44	Fucose-Galactose Polymers Inhibit Cholera Toxin Binding to Fucosylated Structures and Galactose-Dependent Intoxication of Human Enteroids. <i>ACS Infectious Diseases</i> , 2020, 6, 1192-1203.	1.8	11
45	Design and baseline data in the BARIatic surgery SUBstitution and Nutrition study (BASUN): a 10-year prospective cohort study. <i>BMC Endocrine Disorders</i> , 2020, 20, 23.	0.9	11
46	Central Nervous System Lipocalin-Type Prostaglandin D2-Synthase is Correlated with Orexigenic Neuropeptides, Visceral Adiposity and Markers of the Hypothalamic-Pituitary-Adrenal Axis in Obese Humans. <i>Journal of Neuroendocrinology</i> , 2011, 23, 501-507.	1.2	10
47	Biliopancreatic Diversion is associated with greater increases in energy expenditure than Roux-en-Y Gastric Bypass. <i>PLoS ONE</i> , 2018, 13, e0194538.	1.1	10
48	Angiotensin II exerts dual actions on sodium-glucose transporter 1-mediated transport in the human jejunal mucosa. <i>Scandinavian Journal of Gastroenterology</i> , 2015, 50, 1068-1075.	0.6	9
49	Intestinal sodium/glucose cotransporter 3 expression is epithelial and downregulated in obesity. <i>Life Sciences</i> , 2021, 267, 118974.	2.0	9
50	Laparoscopic Heller myotomy or pneumatic dilatation in achalasia: results of a prospective, randomized study with at least a decade of follow-up. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 1618-1625.	1.3	8
51	Proteomic Approach to the Potential Role of Angiotensin II in Barrett Dysplasia. <i>Proteomics - Clinical Applications</i> , 2019, 13, 1800102.	0.8	6
52	Glycocholic acid and butyrate synergistically increase vitamin D-induced calcium uptake in Caco-2 intestinal epithelial cell monolayers. <i>Bone Reports</i> , 2020, 13, 100294.	0.2	6
53	Lipoxins reduce obesity-induced adipose tissue inflammation in 3D-cultured human adipocytes and explant cultures. <i>IScience</i> , 2022, 25, 104602.	1.9	4
54	Glycemic Control and Metabolic Adaptation in Response to High-Fat versus High-Carbohydrate Diets Data from a Randomized Cross-Over Study in Healthy Subjects. <i>Nutrients</i> , 2021, 13, 3322.	1.7	3

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55	Comparing effects of obesity treatment with very low energy diet and bariatric surgery after 2 years: a prospective cohort study. <i>BMJ Open</i> , 2022, 12, e053242.	0.8	3
56	A Fatty Diet Induces a Jejunal Ketogenesis Which Inhibits Local SGLT1-Based Glucose Transport via an Acetylation Mechanism—Results from a Randomized Cross-Over Study between Iso-Caloric High-Fat versus High-Carbohydrate Diets in Healthy Volunteers. <i>Nutrients</i> , 2022, 14, 1961.	1.7	3
57	Local expression of AP/AngIV/IRAP and effect of AngIV on glucose-induced epithelial transport in human jejunal mucosa. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 1101-1108.	1.0	2
58	The BAriatic surgery SUbstitution and nutrition (BASUN) population: a data-driven exploration of predictors for obesity. <i>BMC Endocrine Disorders</i> , 2021, 21, 183.	0.9	2
59	Rates and types of injuries during the three consecutive years 2016 to 2018 of the VÅtternrundan—One of the world's largest and longest bicycle races. <i>Traffic Injury Prevention</i> , 2019, 20, 749-752.	0.6	1
60	Erythrocyte sodium-lithium countertransport activity is inversely correlated to adiponectin, retinol binding protein 4 and body height. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2010, 70, 487-491.	0.6	0
61	Intestinal Sodium Glucose Transporter 3 (SGLT3) is Downregulated in Experimental Models of Obesity and in Morbidly Obese Patients. <i>FASEB Journal</i> , 2018, 32, 670.46.	0.2	0