

Jean-Paul Thissen

List of Publications by Year in descending order

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64
papers

6,979
citations

136950

32
h-index

118850

62
g-index

67
all docs

67
docs citations

67
times ranked

9741
citing authors

#	ARTICLE	IF	CITATIONS
1	A purified membrane protein from Akkermansia muciniphila or the pasteurized bacterium improves metabolism in obese and diabetic mice. <i>Nature Medicine</i> , 2017, 23, 107-113.	30.7	1,451
2	Supplementation with Akkermansia muciniphila in overweight and obese human volunteers: a proof-of-concept exploratory study. <i>Nature Medicine</i> , 2019, 25, 1096-1103.	30.7	1,281
3	Insight into the prebiotic concept: lessons from an exploratory, double blind intervention study with inulin-type fructans in obese women. <i>Gut</i> , 2013, 62, 1112-1121.	12.1	632
4	Inulin-type fructans modulate intestinal Bifidobacterium species populations and decrease fecal short-chain fatty acids in obese women. <i>Clinical Nutrition</i> , 2015, 34, 501-507.	5.0	220
5	Follistatin induces muscle hypertrophy through satellite cell proliferation and inhibition of both myostatin and activin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E157-E164.	3.5	204
6	Restoring Specific Lactobacilli Levels Decreases Inflammation and Muscle Atrophy Markers in an Acute Leukemia Mouse Model. <i>PLoS ONE</i> , 2012, 7, e37971.	2.5	186
7	Lactate stimulates angiogenesis and accelerates the healing of superficial and ischemic wounds in mice. <i>Angiogenesis</i> , 2012, 15, 581-592.	7.2	183
8	Nutritional regulation of insulin-like growth factor-I. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 50-57.	3.4	180
9	Inhibition by Interleukin-1 β and Tumor Necrosis Factor- α of the Insulin-Like Growth Factor I Messenger Ribonucleic Acid Response to Growth Hormone in Rat Hepatocyte Primary Culture*. <i>Endocrinology</i> , 1997, 138, 1078-1084.	2.8	168
10	Role of Activin A and Myostatin in Human Cancer Cachexia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2030-2038.	3.6	155
11	Regulation of Insulin-like Growth Factor-I in Starvation and Injury. <i>Nutrition Reviews</i> , 1999, 57, 167-176.	5.8	141
12	Discovery of the gut microbial signature driving the efficacy of prebiotic intervention in obese patients. <i>Gut</i> , 2020, 69, 1975-1987.	12.1	141
13	Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1683-1695.	4.7	121
14	Failure of Insulin-Like Growth Factor-I (IGF-I) Infusion to Promote Growth in Protein-Restricted Rats Despite Normalization of Serum IGF-I Concentrations*. <i>Endocrinology</i> , 1991, 128, 885-890.	2.8	120
15	Insulin, Glucagon-like Peptide 1, Glucose-Dependent Insulinotropic Polypeptide and Insulin-Like Growth Factor I as Putative Mediators of the Hypolipidemic Effect of Oligofructose in Rats. <i>Journal of Nutrition</i> , 1998, 128, 1099-1103.	2.9	114
16	Involvement of STAT5 (Signal Transducer and Activator of Transcription 5) and HNF-4 (Hepatocyte) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Endocrinology</i> , 2000, 14, 285-294.	3.7	112
17	Increased IGF mRNA in Human Skeletal Muscle after Creatine Supplementation. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 731-736.	0.4	110
18	Increased gut permeability in cancer cachexia: mechanisms and clinical relevance. <i>Oncotarget</i> , 2018, 9, 18224-18238.	1.8	90

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19	Link between gut microbiota and health outcomes in inulin -treated obese patients: Lessons from the Food4Gut multicenter randomized placebo-controlled trial. <i>Clinical Nutrition</i> , 2020, 39, 3618-3628.	5.0	87
20	Biomarkers of cancer cachexia. <i>Clinical Biochemistry</i> , 2017, 50, 1281-1288.	1.9	86
21	Regulation of IGF-I, IGFBP-4 and IGFBP-5 gene expression by loading in mouse skeletal muscle. <i>FEBS Letters</i> , 1999, 461, 263-267.	2.8	83
22	Muscle fat content is strongly associated with NASH: A longitudinal study in patients with morbid obesity. <i>Journal of Hepatology</i> , 2021, 75, 292-301.	3.7	68
23	Comparison of three instruments assessing the quality of economic evaluations: A practical exercise on economic evaluations of the surgical treatment of obesity. <i>International Journal of Technology Assessment in Health Care</i> , 2008, 24, 318-325.	0.5	67
24	COVID-19 in diabetic patients: Related risks and specifics of management. <i>Annales D'Endocrinologie</i> , 2020, 81, 101-109.	1.4	65
25	Gut Microbial Metabolites of Polyunsaturated Fatty Acids Correlate with Specific Fecal Bacteria and Serum Markers of Metabolic Syndrome in Obese Women. <i>Lipids</i> , 2014, 49, 397-402.	1.7	63
26	Circulating <sc>Activin A</sc> predicts survival in cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 768-777.	7.3	61
27	Increased Serpina3n release into circulation during glucocorticoidâ€mediated muscle atrophy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 929-946.	7.3	53
28	Inhibition by Interleukin-1Â and Tumor Necrosis Factor-Â of the Insulin-Like Growth Factor I Messenger Ribonucleic Acid Response to Growth Hormone in Rat Hepatocyte Primary Culture. <i>Endocrinology</i> , 1997, 138, 1078-1084.	2.8	53
29	Hematological changes in anorexia nervosa are correlated with total body fat mass depletion. , 1997, 21, 329-334.		52
30	Prebiotic dietary fibre intervention improves fecal markers related to inflammation in obese patients: results from the Food4Gut randomized placebo-controlled trial. <i>European Journal of Nutrition</i> , 2021, 60, 3159-3170.	3.9	46
31	Twist1 Activation in Muscle Progenitor Cells Causes Muscle Loss Akin to Cancer Cachexia. <i>Developmental Cell</i> , 2018, 45, 712-725.e6.	7.0	38
32	Myosteatosis rather than sarcopenia associates with nonâ€alcoholic steatohepatitis in nonâ€alcoholic fatty liver disease preclinical models. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 144-158.	7.3	38
33	Prebiotic effect on mood in obese patients is determined by the initial gut microbiota composition: A randomized, controlled trial. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 289-298.	4.1	35
34	Effects of Maternal Protein Malnutrition on Fetal Growth, Plasma Insulin-like Growth Factors, Insulin-like Growth Factor Binding Proteins, and Liver Insulin-like Growth Factor Gene Expression in the Rat. <i>Pediatric Research</i> , 1995, 37, 334-342.	2.3	33
35	Specific gut microbial, biological, and psychiatric profiling related to binge eating disorders: A cross-sectional study in obese patients. <i>Clinical Nutrition</i> , 2021, 40, 2035-2044.	5.0	30
36	Microbiota analysis and transient elastography reveal new extra-hepatic components of liver steatosis and fibrosis in obese patients. <i>Scientific Reports</i> , 2021, 11, 659.	3.3	29

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37	Long-Term Effects of Gestational Protein Malnutrition on Postnatal Growth, Insulin-Like Growth Factor (IGF)-I, and IGF-Binding Proteins in Rat Progeny. <i>Pediatric Research</i> , 1996, 39, 649-655.	2.3	29
38	Postnatal Catch-Up Growth Induced by Growth Hormone and Insulin-Like Growth Factor-I in Rats with Intrauterine Growth Retardation Caused by Maternal Protein Malnutrition1. <i>Pediatric Research</i> , 1997, 42, 370-377.	2.3	29
39	Clinical characteristics and short-term prognosis of in-patients with diabetes and COVID-19: A retrospective study from an academic center in Belgium. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021, 15, 149-157.	3.6	26
40	Inhibition of insulin-like growth factor-I mitogenic action by zinc chelation is associated with a decreased mitogen-activated protein kinase activation in RAT-1 fibroblasts. <i>FEBS Letters</i> , 1999, 449, 284-288.	2.8	25
41	Role of IGF-I in follistatin-induced skeletal muscle hypertrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E557-E567.	3.5	24
42	A dynamic association between myosteatosi s and liver stiffness: Results from a prospective interventional study in obese patients. <i>JHEP Reports</i> , 2021, 3, 100323.	4.9	24
43	Inflammation-induced cholestasis in cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 70-90.	7.3	24
44	Serum metabolite profiling yields insights into health promoting effect of <i>A. muciniphila</i> in human volunteers with a metabolic syndrome. <i>Gut Microbes</i> , 2021, 13, 1994270.	9.8	24
45	Comparative Proteomic and Transcriptomic Analysis of Follistatin-Induced Skeletal Muscle Hypertrophy. <i>Journal of Proteome Research</i> , 2017, 16, 3477-3490.	3.7	22
46	Physical activity enhances the improvement of body mass index and metabolism by inulin: a multicenter randomized placebo-controlled trial performed in obese individuals. <i>BMC Medicine</i> , 2022, 20, 110.	5.5	21
47	Laparoscopic Roux-en-Y Gastric Bypass for Morbid Obesity: Comparison of Primary Versus Revisional Bypass by Using the BAROS Score. <i>Obesity Surgery</i> , 2015, 25, 812-817.	2.1	18
48	Urotensin II and urocortin trigger the expression of myostatin, a negative regulator of cardiac growth, in cardiomyocytes. <i>Peptides</i> , 2012, 33, 351-353.	2.4	16
49	Nutrition in cancer patients with cachexia: A role for the gut microbiota?. <i>Clinical Nutrition Experimental</i> , 2016, 6, 74-82.	2.0	16
50	Urocortin-induced cardiomyocytes hypertrophy is associated with regulation of the GSK-3 β pathway. <i>Heart and Vessels</i> , 2012, 27, 202-207.	1.2	14
51	Effect of hypoxic exercise on glucose tolerance in healthy and prediabetic adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E43-E54.	3.5	11
52	Hypogonadotropic hypogonadism among a population of obese men: Prevalence, risk factors and reversibility after weight loss induced by bariatric surgery. <i>E-SPEN Journal</i> , 2013, 8, e37-e43.	0.5	7
53	Marked Increased Production of Acute Phase Reactants by Skeletal Muscle during Cancer Cachexia. <i>Cancers</i> , 2020, 12, 3221.	3.7	7
54	Multiparametric functional nuclear magnetic resonance imaging shows alterations associated with plasmid electrotransfer in mouse skeletal muscle. <i>Journal of Gene Medicine</i> , 2012, 14, 598-608.	2.8	6

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55	Activin A Causes Muscle Atrophy through MEF2C-Dependent Impaired Myogenesis. <i>Cells</i> , 2022, 11, 1119.	4.1	6
56	Microbiota and Metabolite Profiling as Markers of Mood Disorders: A Cross-Sectional Study in Obese Patients. <i>Nutrients</i> , 2022, 14, 147.	4.1	6
57	Growth Hormone-Mediated Transcriptional Activation of the Rat Serine Protease Inhibitor 2.1 Gene Involves Both Interleukin-1 β -Sensitive and -Insensitive Pathways. <i>Biochemical and Biophysical Research Communications</i> , 1998, 253, 311-314.	2.1	4
58	Liver Decompensation after Bariatric Surgery in the Absence of Cirrhosis. <i>Obesity Surgery</i> , 2022, 32, 1227-1235.	2.1	4
59	<i>In vitro</i> approach to evaluate the fermentation pattern of inulin-rich food in obese individuals. <i>British Journal of Nutrition</i> , 2020, 123, 472-479.	2.3	3
60	p21-Activated Kinase 1 Is Permissive for the Skeletal Muscle Hypertrophy Induced by Myostatin Inhibition. <i>Frontiers in Physiology</i> , 2021, 12, 677746.	2.8	3
61	Fructoholism in adults: the importance of personalised care in metabolic dysfunction-associated fatty liver disease. <i>JHEP Reports</i> , 2021, 4, 100396.	4.9	2
62	Faut-il encourager la perte de poids avant la chirurgie bariatrique? <i>Nutrition Clinique Et Metabolisme</i> , 2018, 32, 4-7.	0.5	0
63	Muscle fat infiltration in obese patients is associated with NAFLD related fibrosis severity - results from a prospective imaging study. <i>Journal of Hepatology</i> , 2020, 73, S161-S162.	3.7	0
64	Announcement of an updated Belgian consensus on the assessment and management of obesity. <i>Acta Clinica Belgica</i> , 2020, 75, 375-377.	1.2	0