Jean-Paul Thissen

List of Publications by Year
in descending order

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	Liver Decompensation after Bariatric Surgery in the Absence of Cirrhosis. Obesity Surgery, 2022, 32, 1227-1235.	2.1	4
2	Physical activity enhances the improvement of body mass index and metabolism by inulin: a multicenter randomized placebo-controlled trial performed in obese individuals. BMC Medicine, 2022, 20, 110.	5.5	21
3	Activin A Causes Muscle Atrophy through MEF2C-Dependent Impaired Myogenesis. Cells, 2022, 11, 1119.	4.1	6
4	Microbiota and Metabolite Profiling as Markers of Mood Disorders: A Cross-Sectional Study in Obese Patients. Nutrients, 2022, 14, 147.	4.1	6
5	Myosteatosis rather than sarcopenia associates with nonâ€alcoholic steatohepatitis in nonâ€alcoholic fatty liver disease preclinical models. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 144-158.	7.3	38
6	Clinical characteristics and short-term prognosis of in-patients with diabetes and COVID-19: A retrospective study from an academic center in Belgium. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2021, 15, 149-157.	3.6	26
7	Effect of hypoxic exercise on glucose tolerance in healthy and prediabetic adults. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E43-E54.	3.5	11
8	Prebiotic dietary fibre intervention improves fecal markers related to inflammation in obese patients: results from the Food4Gut randomized placebo-controlled trial. European Journal of Nutrition, 2021, 60, 3159-3170.	3.9	46
9	Specific gut microbial, biological, and psychiatric profiling related to binge eating disorders: A cross-sectional study in obese patients. Clinical Nutrition, 2021, 40, 2035-2044.	5.0	30
10	Prebiotic effect on mood in obese patients is determined by the initial gut microbiota composition: A randomized, controlled trial. Brain, Behavior, and Immunity, 2021, 94, 289-298.	4.1	35
11	p21-Activated Kinase 1 Is Permissive for the Skeletal Muscle Hypertrophy Induced by Myostatin Inhibition. Frontiers in Physiology, 2021, 12, 677746.	2.8	3
12	Muscle fat content is strongly associated with NASH: A longitudinal study in patients with morbid obesity. Journal of Hepatology, 2021, 75, 292-301.	3.7	68
13	A dynamic association between myosteatosis and liver stiffness: Results from a prospective interventional study in obese patients. JHEP Reports, 2021, 3, 100323.	4.9	24
14	Microbiota analysis and transient elastography reveal new extra-hepatic components of liver steatosis and fibrosis in obese patients. Scientific Reports, 2021, 11, 659.	3.3	29
15	Inflammationâ€induced cholestasis in cancer cachexia. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 70-90.	7.3	24
16	Fructoholism in adults: the importance of personalised care in metabolic dysfunction-associated fatty liver disease. JHEP Reports, 2021, 4, 100396.	4.9	2
17	Serum metabolite profiling yields insights into health promoting effect of A. muciniphila in human volunteers with a metabolic syndrome. Gut Microbes, 2021, 13, 1994270.	9.8	24
18	In vitro approach to evaluate the fermentation pattern of inulin-rich food in obese individuals. British Journal of Nutrition, 2020, 123, 472-479.	2.3	3

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19	Muscle fat infiltration in obese patients is associated with NAFLD related fibrosis severity - results from a prospective imaging study. Journal of Hepatology, 2020, 73, S161-S162.	3.7	0
20	Marked Increased Production of Acute Phase Reactants by Skeletal Muscle during Cancer Cachexia. Cancers, 2020, 12, 3221.	3.7	7
21	COVID-19 in diabetic patients: Related risks and specifics of management. Annales D'Endocrinologie, 2020, 81, 101-109.	1.4	65
22	Announcement of an updated Belgian consensus on the assessment and management of obesity. Acta Clinica Belgica, 2020, 75, 375-377.	1.2	0
23	Discovery of the gut microbial signature driving the efficacy of prebiotic intervention in obese patients. Gut, 2020, 69, 1975-1987.	12.1	141
24	Link between gut microbiota and health outcomes in inulin -treated obese patients: Lessons from the Food4Gut multicenter randomized placebo-controlled trial. Clinical Nutrition, 2020, 39, 3618-3628.	5.0	87
25	Supplementation with Akkermansia muciniphila in overweight and obese human volunteers: a proof-of-concept exploratory study. Nature Medicine, 2019, 25, 1096-1103.	30.7	1,281
26	Effects of a diet based on inulin-rich vegetables on gut health and nutritional behavior in healthy humans. American Journal of Clinical Nutrition, 2019, 109, 1683-1695.	4.7	121
27	Faut-il encourager la perte de poids avant la chirurgie bariatriqueÂ?. Nutrition Clinique Et Metabolisme, 2018, 32, 4-7.	0.5	0
28	Increased Serpina3n release into circulation during glucocorticoidâ€mediated muscle atrophy. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 929-946.	7.3	53
29	Increased gut permeability in cancer cachexia: mechanisms and clinical relevance. Oncotarget, 2018, 9, 18224-18238.	1.8	90
30	Twist1 Activation in Muscle Progenitor Cells Causes Muscle Loss Akin to Cancer Cachexia. Developmental Cell, 2018, 45, 712-725.e6.	7.0	38
31	Biomarkers of cancer cachexia. Clinical Biochemistry, 2017, 50, 1281-1288.	1.9	86
32	Circulating <scp>Activin A</scp> predicts survival in cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 768-777.	7.3	61
33	Comparative Proteomic and Transcriptomic Analysis of Follistatin-Induced Skeletal Muscle Hypertrophy. Journal of Proteome Research, 2017, 16, 3477-3490.	3.7	22
34	A purified membrane protein from Akkermansia muciniphila or the pasteurized bacterium improves metabolism in obese and diabetic mice. Nature Medicine, 2017, 23, 107-113.	30.7	1,451
35	Nutrition in cancer patients with cachexia: A role for the gut microbiota?. Clinical Nutrition Experimental, 2016, 6, 74-82.	2.0	16
36	Role of Activin A and Myostatin in Human Cancer Cachexia. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2030-2038.	3.6	155

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37	Laparoscopic Roux-en-Y Gastric Bypass for Morbid Obesity: Comparison of Primary Versus Revisional Bypass by Using the BAROS Score. Obesity Surgery, 2015, 25, 812-817.	2.1	18
38	Role of IGF-I in follistatin-induced skeletal muscle hypertrophy. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E557-E567.	3.5	24
39	Inulin-type fructans modulate intestinal Bifidobacterium species populations and decrease fecal short-chain fatty acids in obese women. Clinical Nutrition, 2015, 34, 501-507.	5.0	220
40	Gut Microbial Metabolites of Polyunsaturated Fatty Acids Correlate with Specific Fecal Bacteria and Serum Markers of Metabolic Syndrome in Obese Women. Lipids, 2014, 49, 397-402.	1.7	63
41	Hypogonadotropic hypogonadism among a population of obese men: Prevalence, risk factors and reversibility after weight loss induced by bariatric surgery. E-SPEN Journal, 2013, 8, e37-e43.	0.5	7
42	Insight into the prebiotic concept: lessons from an exploratory, double blind intervention study with inulin-type fructans in obese women. Gut, 2013, 62, 1112-1121.	12.1	632
43	Restoring Specific Lactobacilli Levels Decreases Inflammation and Muscle Atrophy Markers in an Acute Leukemia Mouse Model. PLoS ONE, 2012, 7, e37971.	2.5	186
44	Multiparametric functional nuclear magnetic resonance imaging shows alterations associated with plasmid electrotransfer in mouse skeletal muscle. Journal of Gene Medicine, 2012, 14, 598-608.	2.8	6
45	Lactate stimulates angiogenesis and accelerates the healing of superficial and ischemic wounds in mice. Angiogenesis, 2012, 15, 581-592.	7.2	183
46	Urotensin II and urocortin trigger the expression of myostatin, a negative regulator of cardiac growth, in cardiomyocytes. Peptides, 2012, 33, 351-353.	2.4	16
47	Urocortin-induced cardiomyocytes hypertrophy is associated with regulation of the GSK-3Î² pathway. Heart and Vessels, 2012, 27, 202-207.	1.2	14
48	Follistatin induces muscle hypertrophy through satellite cell proliferation and inhibition of both myostatin and activin. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E157-E164.	3.5	204
49	Comparison of three instruments assessing the quality of economic evaluations: A practical exercise on economic evaluations of the surgical treatment of obesity. International Journal of Technology Assessment in Health Care, 2008, 24, 318-325.	0.5	67
50	Increased IGF mRNA in Human Skeletal Muscle after Creatine Supplementation. Medicine and Science in Sports and Exercise, 2005, 37, 731-736.	0.4	110
51	Involvement of STAT5 (Signal Transducer and Activator of Transcription 5) and HNF-4 (Hepatocyte) Tj ETQq1 1 0.784314 rgBT /Overlo Endocrinology, 2000, 14, 285-294.	3.7	112
52	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. FEBS Letters, 1999, 449, 284-288.	2.8	25
53	Regulation of IGF-I, IGFBP-4 and IGFBP-5 gene expression by loading in mouse skeletal muscle. FEBS Letters, 1999, 461, 263-267.	2.8	83
54	Regulation of Insulin-like Growth Factor-I in Starvation and Injury. Nutrition Reviews, 1999, 57, 167-176.	5.8	141

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55	Growth Hormone-Mediated Transcriptional Activation of the Rat Serine Protease Inhibitor 2.1 Gene Involves Both Interleukin-1 Î²-Sensitive and -Insensitive Pathways. Biochemical and Biophysical Research Communications, 1998, 253, 311-314.	2.1	4
56	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. Journal of Nutrition, 1998, 128, 1099-1103.	2.9	114
57	Inhibition by Interleukin-1Î² and Tumor Necrosis Factor-Î± of the Insulin-Like Growth Factor I Messenger Ribonucleic Acid Response to Growth Hormone in Rat Hepatocyte Primary Culture*. Endocrinology, 1997, 138, 1078-1084.	2.8	168
58	Hematological changes in anorexia nervosa are correlated with total body fat mass depletion. , 1997, 21, 329-334.		52
59	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. Pediatric Research, 1997, 42, 370-377.	2.3	29
60	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. Endocrinology, 1997, 138, 1078-1084.	2.8	53
61	Long-Term Effects of Gestational Protein Malnutrition on Postnatal Growth, Insulin-Like Growth Factor (IGF)-I, and IGF-Binding Proteins in Rat Progeny. Pediatric Research, 1996, 39, 649-655.	2.3	29
62	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. Pediatric Research, 1995, 37, 334-342.	2.3	33
63	Nutritional regulation of insulin-like growth factor-I. Metabolism: Clinical and Experimental, 1995, 44, 50-57.	3.4	180
64	Failure of Insulin-Like Growth Factor-I (IGF-I) Infusion to Promote Growth in Protein-Restricted Rats Despite Normalization of Serum IGF-I Concentrations*. Endocrinology, 1991, 128, 885-890.	2.8	120