

Hanno Pijl

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118
papers

3,422
citations

31
h-index

53
g-index

127
ext. papers

4,100
ext. citations

5.6
avg. IF

5.18
L-index

#	Paper	IF	Citations
118	Short-Term Fasting Synergizes with Solid Cancer Therapy by Boosting Antitumor Immunity.. <i>Cancers</i> , 2022 , 14,	6.6	1
117	Insulinetherapie bij diabetes mellitus type 2: hoe veilig is dat?. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2021 , 19, 54-59	0	
116	Tumor-stroma ratio is associated with Miller-Payne score and pathological response to neoadjuvant chemotherapy in HER2-negative early breast cancer. <i>International Journal of Cancer</i> , 2021 , 149, 1181-1188	7.5	8
115	Quality of life and illness perceptions in patients with breast cancer using a fasting mimicking diet as an adjunct to neoadjuvant chemotherapy in the phase 2 DIRECT (BOOG 2013-14) trial. <i>Breast Cancer Research and Treatment</i> , 2021 , 185, 741-758	4.4	10
114	Brain activity and connectivity changes in response to nutritive natural sugars, non-nutritive natural sugar replacements and artificial sweeteners. <i>Nutritional Neuroscience</i> , 2021 , 24, 395-405	3.6	15
113	Increased stress, weight gain and less exercise in relation to glycemic control in people with type 1 and type 2 diabetes during the COVID-19 pandemic. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	43
112	Soluble mannose receptor induces proinflammatory macrophage activation and metaflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
111	The Impact of Obesity and Lifestyle on the Immune System and Susceptibility to Infections Such as COVID-19. <i>Frontiers in Nutrition</i> , 2020 , 7, 597600	6.2	26
110	Fasting mimicking diet as an adjunct to neoadjuvant chemotherapy for breast cancer in the multicentre randomized phase 2 DIRECT trial. <i>Nature Communications</i> , 2020 , 11, 3083	17.4	75
109	Insulin Sensitivity in De Novo Parkinson Disease: A Hyperinsulinemic-Euglycemic Clamp Study. <i>Movement Disorders</i> , 2020 , 35, 1693-1694	7	0
108	Fasting in diabetes treatment (FIT) trial: study protocol for a randomised, controlled, assessor-blinded intervention trial on the effects of intermittent use of a fasting-mimicking diet in patients with type 2 diabetes. <i>BMC Endocrine Disorders</i> , 2020 , 20, 94	3.3	2
107	Interrelationships Between Pituitary Hormones as Assessed From 24-hour Serum Concentrations in Healthy Older Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	7
106	Unraveling the Resistance of IGF-Pathway Inhibition in Ewing Sarcoma. <i>Cancers</i> , 2020 , 12,	6.6	6
105	Circulating Thyroid Hormone Profile in Response to a Triiodothyronine Challenge in Familial Longevity. <i>Journal of the Endocrine Society</i> , 2020 , 4, bvaa117	0.4	0
104	Brain activity and connectivity changes in response to glucose ingestion. <i>Nutritional Neuroscience</i> , 2020 , 23, 110-117	3.6	13
103	Familial Longevity is Associated with an Attenuated Thyroidal Response to Recombinant Human Thyroid Stimulating Hormone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	4
102	Addition of zoledronic acid to neoadjuvant chemotherapy is not beneficial in patients with HER2-negative stage II/III breast cancer: 5-year survival analysis of the NEOZOTAC trial (BOOG 2010-01). <i>Breast Cancer Research</i> , 2019 , 21, 97	8.3	5

101	The Impact of Dairy Products in the Development of Type 2 Diabetes: Where Does the Evidence Stand in 2019?. <i>Advances in Nutrition</i> , 2019 , 10, 1066-1075	10	29
100	Nutrition and lifestyle intervention in type 2 diabetes: pilot study in the Netherlands showing improved glucose control and reduction in glucose lowering medication. <i>BMJ Nutrition, Prevention and Health</i> , 2019 , 2, 43-50	6.7	12
99	Effects of short-term fasting on cancer treatment. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 209	12.8	39
98	Repeat length variations in polyglutamine disease-associated genes affect body mass index. <i>International Journal of Obesity</i> , 2019 , 43, 440-449	5.5	8
97	Effect of flavor on neuronal responses of the hypothalamus and ventral tegmental area. <i>Scientific Reports</i> , 2019 , 9, 11250	4.9	2
96	Changes in brain activity after weight loss. <i>Obesity Science and Practice</i> , 2019 , 5, 459-467	2.6	4
95	Dietary sugars and non-caloric sweeteners elicit different homeostatic and hedonic responses in the brain. <i>Nutrition</i> , 2019 , 60, 80-86	4.8	20
94	The 24-hour serum profiles of bone markers in healthy older men and women. <i>Bone</i> , 2019 , 120, 61-69	4.7	12
93	The effect of consumption temperature on the homeostatic and hedonic responses to glucose ingestion in the hypothalamus and the reward system. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 20-25	7	15
92	High Diabetes Distress Among Ethnic Minorities Is Not Explained by Metabolic, Cardiovascular, or Lifestyle Factors: Findings From the Dutch Diabetes Pearl Cohort. <i>Diabetes Care</i> , 2018 , 41, 1854-1861	14.6	11
91	Effects of low-carbohydrate- compared with low-fat-diet interventions on metabolic control in people with type 2 diabetes: a systematic review including GRADE assessments. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 300-331	7	77
90	Lifestyle Medicine: Why Do We Need It?. <i>Medical Science Educator</i> , 2018 , 28, 5-7	0.7	3
89	Effect of diet-induced weight loss on lipoprotein(a) levels in obese individuals with and without type 2 diabetes. <i>Diabetologia</i> , 2017 , 60, 989-997	10.3	17
88	Familial longevity is characterized by high circadian rhythmicity of serum cholesterol in healthy elderly individuals. <i>Aging Cell</i> , 2017 , 16, 237-243	9.9	16
87	Diabetes incidence and glucose intolerance prevalence increase with higher outdoor temperature. <i>BMJ Open Diabetes Research and Care</i> , 2017 , 5, e000317	4.5	44
86	Effects of intranasal insulin application on the hypothalamic BOLD response to glucose ingestion. <i>Scientific Reports</i> , 2017 , 7, 13327	4.9	10
85	Serum levels of IGF-1 and IGF-BP3 are associated with event-free survival in adult Ewing sarcoma patients treated with chemotherapy. <i>OncoTargets and Therapy</i> , 2017 , 10, 2963-2970	4.4	7
84	From Diabetes Care to Diabetes Cure-The Integration of Systems Biology, eHealth, and Behavioral Change. <i>Frontiers in Endocrinology</i> , 2017 , 8, 381	5.7	27

83	Individual and partner's level of occupation and the association with HbA levels in people with Type 2 diabetes mellitus: the Dutch Diabetes Pearl cohort. <i>Diabetic Medicine</i> , 2017 , 34, 1623-1628	3.5	3
82	Weight loss induced by very low calorie diet is associated with a more beneficial systemic inflammatory profile than by Roux-en-Y gastric bypass. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 1614-1620	12.7	27
81	Energy restriction and Roux-en-Y gastric bypass reduce postprandial Edicarbonyl stress in obese women with type 2 diabetes. <i>Diabetologia</i> , 2016 , 59, 2013-7	10.3	19
80	Insulin-like growth factor 1 receptor expression and IGF1R 3129G > T polymorphism are associated with response to neoadjuvant chemotherapy in breast cancer patients: results from the NEOZOTAC trial (BOOG 2010-01). <i>Breast Cancer Research</i> , 2016 , 18, 3	8.3	21
79	Loss-of-Function Mutations in the Cell-Cycle Control Gene CDKN2A Impact on Glucose Homeostasis in Humans. <i>Diabetes</i> , 2016 , 65, 527-33	0.9	28
78	Familial Longevity Is Not Associated with Major Differences in the Hypothalamic-Pituitary-Gonadal Axis in Healthy Middle-Aged Men. <i>Frontiers in Endocrinology</i> , 2016 , 7, 143	5.7	1
77	Growth hormone secretion is diminished and tightly controlled in humans enriched for familial longevity. <i>Aging Cell</i> , 2016 , 15, 1126-1131	9.9	49
76	Does midlife obesity really lower dementia risk?. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 499-500	8.1	5
75	Cardiovascular flexibility in middle-aged overweight South Asians vs. white Caucasians: response to short-term caloric restriction. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 403-10	4.5	5
74	Obesity is marked by distinct functional connectivity in brain networks involved in food reward and salience. <i>Behavioural Brain Research</i> , 2015 , 287, 127-34	3.4	71
73	Familial Longevity Is Associated With Higher TSH Secretion and Strong TSH-FT3 Relationship. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3806-13	5.6	26
72	Paleolithic nutrition for metabolic syndrome: systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 922-32	7	96
71	Exploratory analysis of candidate germline gene polymorphisms in breast cancer patients treated with neoadjuvant anthracycline-containing chemotherapy and associations with febrile neutropenia. <i>Pharmacogenomics</i> , 2015 , 16, 1267-76	2.6	4
70	Central GLP-1 receptor signalling accelerates plasma clearance of triacylglycerol and glucose by activating brown adipose tissue in mice. <i>Diabetologia</i> , 2015 , 58, 2637-46	10.3	76
69	Human longevity is characterised by high thyroid stimulating hormone secretion without altered energy metabolism. <i>Scientific Reports</i> , 2015 , 5, 11525	4.9	51
68	The effects of short-term fasting on tolerance to (neo) adjuvant chemotherapy in HER2-negative breast cancer patients: a randomized pilot study. <i>BMC Cancer</i> , 2015 , 15, 652	4.8	119
67	The effects of sodium oxybate on core body and skin temperature regulation in narcolepsy. <i>Journal of Sleep Research</i> , 2015 , 24, 566-75	5.8	8
66	Increased PUFA Content and 5-Lipoxygenase Pathway Expression Are Associated with Subcutaneous Adipose Tissue Inflammation in Obese Women with Type 2 Diabetes. <i>Nutrients</i> , 2015 , 7, 7676-90	6.7	27

65	Characterization of the Hypothalamic-Pituitary-Adrenal-Axis in Familial Longevity under Resting Conditions. <i>PLoS ONE</i> , 2015 , 10, e0133119	3.7	8
64	Accuracy of Continuous Glucose Monitoring Measurements in Normo-Glycemic Individuals. <i>PLoS ONE</i> , 2015 , 10, e0139973	3.7	23
63	Increased systemic and adipose tissue inflammation differentiates obese women with T2DM from obese women with normal glucose tolerance. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 492-501	12.7	60
62	Calorie restriction is a major determinant of the short-term metabolic effects of gastric bypass surgery in obese type 2 diabetic patients. <i>Clinical Endocrinology</i> , 2014 , 80, 834-42	3.4	61
61	Thyrotropin secretion in healthy subjects is robust and independent of age and gender, and only weakly dependent on body mass index. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 570-8 ^{5.6}		25
60	Regulation of skeletal muscle energy/nutrient-sensing pathways during metabolic adaptation to fasting in healthy humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E885-95	6	23
59	Adipocyte telomere length associates negatively with adipocyte size, whereas adipose tissue telomere length associates negatively with the extent of fibrosis in severely obese women. <i>International Journal of Obesity</i> , 2014 , 38, 746-9	5.5	15
58	Roux-en-Y gastric bypass surgery, but not calorie restriction, reduces plasma branched-chain amino acids in obese women independent of weight loss or the presence of type 2 diabetes. <i>Diabetes Care</i> , 2014 , 37, 3150-6	14.6	64
57	Glucose and fat metabolism in narcolepsy and the effect of sodium oxybate: a hyperinsulinemic-euglycemic clamp study. <i>Sleep</i> , 2014 , 37, 795-801	1.1	29
56	Selenium Supplementation for Hashimoto's Thyroiditis: Summary of a Cochrane Systematic Review. <i>European Thyroid Journal</i> , 2014 , 3, 25-31	4.2	24
55	Downregulation of the acetyl-CoA metabolic network in adipose tissue of obese diabetic individuals and recovery after weight loss. <i>Diabetologia</i> , 2014 , 57, 2384-92	10.3	26
54	Resting-state functional connectivity of brain regions involved in cognitive control, motivation, and reward is enhanced in obese females. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 524-31	7	75
53	Effects of prolonged fasting on AMPK signaling, gene expression, and mitochondrial respiratory chain content in skeletal muscle from lean and obese individuals. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 304, E1012-21	6	33
52	Plasma total ghrelin and leptin levels in human narcolepsy and matched healthy controls: basal concentrations and response to sodium oxybate. <i>Journal of Clinical Sleep Medicine</i> , 2013 , 9, 797-803	3.1	16
51	Longevity. The allostatic load of dietary restriction. <i>Physiology and Behavior</i> , 2012 , 106, 51-7	3.5	9
50	The effect of family-based multidisciplinary cognitive behavioral treatment on health-related quality of life in childhood obesity. <i>Quality of Life Research</i> , 2012 , 21, 1587-94	3.7	30
49	Short-term caloric restriction normalizes hypothalamic neuronal responsiveness to glucose ingestion in patients with type 2 diabetes. <i>Diabetes</i> , 2012 , 61, 3255-9	0.9	26
48	Phase difference between serum prolactin and cortisol rhythms is related to body mass index in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E2293-6	5.6	3

47	PS5 - 28. An 8-day very low calorie diet improves insulin sensitivity in middleaged obese male Hindostani but not in Caucasians. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012 , 10, 116-117	0	
46	Food cues do not modulate the neuroendocrine response to a prolonged fast in healthy men. <i>Neuroendocrinology</i> , 2012 , 96, 285-93	5.6	7
45	Blocking dopamine D2 receptors by haloperidol curtails the beneficial impact of calorie restriction on the metabolic phenotype of high-fat diet induced obese mice. <i>Journal of Neuroendocrinology</i> , 2011 , 23, 158-67	3.8	8
44	Altered multihormone synchrony in obese patients with polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 1227-33	12.7	6
43	The effect of family-based multidisciplinary cognitive behavioral treatment in children with obesity: study protocol for a randomized controlled trial. <i>Trials</i> , 2011 , 12, 110	2.8	16
42	Effect of sodium oxybate on growth hormone secretion in narcolepsy patients and healthy controls. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E1069-75	6	21
41	Long-term effect of lifestyle intervention on adiposity, metabolic parameters, inflammation and physical fitness in obese children: a randomized controlled trial. <i>Nutrition and Diabetes</i> , 2011 , 1, e9	4.7	21
40	PS14 - 73. Effect of fasting on energy- and nutrient-sensing pathways in human skeletal muscle. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011 , 9, 140-140	0	
39	PS15 - 75. Differences in adipocyte morphology and immune cell population in adipose tissues from metabolically healthy and unhealthy severely obese women. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011 , 9, 142-142	0	
38	PL - 93. Effects of gastric bypass surgery and high-protein-low-calorie diet on postprandial plasma glucose, insulin and gut hormone levels in obese diabetic patients. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011 , 9, 155-155	0	
37	Obesitas: evolutie van een symptoom van overvloed. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011 , 9, 175-184	0	
36	Pharmacological modulation of dopamine receptor D2-mediated transmission alters the metabolic phenotype of diet induced obese and diet resistant C57Bl6 mice. <i>Experimental Diabetes Research</i> , 2011 , 2011, 928523		7
35	Obesity: evolution of a symptom of affluence. <i>Netherlands Journal of Medicine</i> , 2011 , 69, 159-66	0.5	25
34	Short-term treatment with olanzapine does not modulate gut hormone secretion: olanzapine disintegrating versus standard tablets. <i>European Journal of Endocrinology</i> , 2010 , 162, 75-83	6.5	24
33	Growth hormone and ghrelin secretion are associated with clinical severity in Huntington's disease. <i>European Journal of Neurology</i> , 2010 , 17, 280-8	6	22
32	Bromocriptine reduces augmented thyrotropin secretion in obese premenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 1176-81	5.6	13
31	Olanzapine shifts the temporal relationship between the daily acrophase of serum prolactin and cortisol concentrations rhythm in healthy men. <i>Psychoneuroendocrinology</i> , 2009 , 34, 705-12	5	11
30	Four weeks high fat feeding induces insulin resistance without affecting dopamine release or gene expression patterns in the hypothalamus of C57Bl6 mice. <i>Brain Research</i> , 2009 , 1250, 141-8	3.7	10

29	Short-term treatment with bromocriptine improves impaired circadian growth hormone secretion in obese premenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3455-61	5.6	17
28	Increased heart rate variability but normal resting metabolic rate in hypocretin/orexin-deficient human narcolepsy. <i>Journal of Clinical Sleep Medicine</i> , 2008 , 4, 248-54	3.1	20
27	Increased Heart Rate Variability but Normal Resting Metabolic Rate in Hypocretin/Orexin-Deficient Human Narcolepsy. <i>Journal of Clinical Sleep Medicine</i> , 2008 , 04, 248-254	3.1	55
26	Increased circadian prolactin release is blunted after body weight loss in obese premenopausal women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 290, E218-24	6	24
25	Activation of dopamine D2 receptors simultaneously ameliorates various metabolic features of obese women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E1038-43	6	72
24	Obesity, dopamine and the metabolic syndrome: potential of dopaminergic agents in the control of metabolism. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2006 , 13, 179-184		3
23	Altered setting of the pituitary-thyroid ensemble in hypocretin-deficient narcoleptic men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E892-9	6	28
22	Growth hormone secretion in primary adrenal Cushing's syndrome is disorderly and inversely correlated with body mass index. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E63-70	6	6
21	Renal contribution to increased clearance of exogenous growth hormone in obese hypertensive patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 795-9	5.6	6
20	Acipimox enhances spontaneous growth hormone secretion in obese women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 286, R693-8	3.2	33
19	Glucose homeostasis in abdominal obesity: hepatic hyperresponsiveness to growth hormone action. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 287, E63-8	6	8
18	Pulsatile LH release is diminished, whereas FSH secretion is normal, in hypocretin-deficient narcoleptic men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 287, E630-6	6	43
17	Blunted lipolytic response to fasting in abdominally obese women: evidence for involvement of hyposomatotropism. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 544-50	7	18
16	Somatotropic axis in hypocretin-deficient narcoleptic humans: altered circadian distribution of GH-secretory events. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E641-7	6	43
15	Reduced dopaminergic tone in hypothalamic neural circuits: expression of a "thrifty" genotype underlying the metabolic syndrome?. <i>European Journal of Pharmacology</i> , 2003 , 480, 125-31	5.3	74
14	Hypocretin deficiency in narcoleptic humans is associated with abdominal obesity. <i>Obesity</i> , 2003 , 11, 1147-54		137
13	Ghrelin and the hyposomatotropism of obesity. <i>Obesity</i> , 2002 , 10, 1161-6		24
12	Growth hormone blunts protein oxidation and promotes protein turnover to a similar extent in abdominally obese and normal-weight women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 5668-74	5.6	15

11	Hyposomatotropism blunts lipolysis in abdominally obese women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 3851-8	5.6	13
10	Low amplitude and disorderly spontaneous growth hormone release in obese women with or without polycystic ovary syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 4225-30	5.6	23
9	Modulation of monoaminergic neural circuits: potential for the treatment of type 2 diabetes mellitus. <i>Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders</i> , 2002 , 1, 71-8		14
8	Dietary fat content alters insulin-mediated glucose metabolism in healthy men. <i>American Journal of Clinical Nutrition</i> , 2001 , 73, 554-9	7	139
7	Food choice in hyperthyroidism: potential influence of the autonomic nervous system and brain serotonin precursor availability. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 5848-53	5.6	39
6	Altered neuroregulation of GH secretion in viscerally obese premenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 5509-15	5.6	105
5	Bromocriptine: a novel approach to the treatment of type 2 diabetes. <i>Diabetes Care</i> , 2000 , 23, 1154-61	14.6	176
4	Circadian rhythm of plasma leptin levels in upper and lower body obese women: influence of body fat distribution and weight loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 1706-12	5.6	90
3	Bodyweight change as an adverse effect of drug treatment. Mechanisms and management. <i>Drug Safety</i> , 1996 , 14, 329-42	5.1	98
2	Spontaneous food choice in narcolepsy. <i>Sleep</i> , 1996 , 19, 75-6	1.1	110
1	Circadian distribution of motor activity and immobility in narcolepsy: assessment with continuous motor activity monitoring. <i>Psychophysiology</i> , 1995 , 32, 286-91	4.1	38