

# Jens-Christian Holm

## List of Publications by Citations

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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.

93  
papers

2,023  
citations

25  
h-index

42  
g-index

100  
ext. papers

2,756  
ext. citations

5  
avg, IF

4.79  
L-index

#	Paper	IF	Citations
93	Genome-wide associations for birth weight and correlations with adult disease. <i>Nature</i> , <b>2016</b> , 538, 248-252.	22.4	266
92	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 389-403	5.6	202
91	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , <b>2019</b> , 51, 804-814	36.3	181
90	Obstructive sleep apnea in obese children and adolescents, treatment methods and outcome of treatment - A systematic review. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2016</b> , 87, 190-7	1.7	80
89	Chronic care treatment of obese children and adolescents. <i>Pediatric Obesity</i> , <b>2011</b> , 6, 188-96		67
88	Obesity Treatment Among Adolescents: A Review of Current Evidence and Future Directions. <i>JAMA Pediatrics</i> , <b>2020</b> , 174, 609-617	8.3	52
87	Inherited coding variants at the CDKN2A locus influence susceptibility to acute lymphoblastic leukaemia in children. <i>Nature Communications</i> , <b>2015</b> , 6, 7553	17.4	51
86	Patients with Obesity Caused by Melanocortin-4 Receptor Mutations Can Be Treated with a Glucagon-like Peptide-1 Receptor Agonist. <i>Cell Metabolism</i> , <b>2018</b> , 28, 23-32.e3	24.6	49
85	A Proposal of the European Association for the Study of Obesity to Improve the ICD-11 Diagnostic Criteria for Obesity Based on the Three Dimensions Etiology, Degree of Adiposity and Health Risk. <i>Obesity Facts</i> , <b>2017</b> , 10, 284-307	5.1	41
84	Environmental spread of microbes impacts the development of metabolic phenotypes in mice transplanted with microbial communities from humans. <i>ISME Journal</i> , <b>2017</b> , 11, 676-690	11.9	41
83	Dyslipidemia and reference values for fasting plasma lipid concentrations in Danish/North-European White children and adolescents. <i>BMC Pediatrics</i> , <b>2017</b> , 17, 116	2.6	39
82	European Association for the Study of Obesity Position Statement on the Global COVID-19 Pandemic. <i>Obesity Facts</i> , <b>2020</b> , 13, 292-296	5.1	38
81	Implications of central obesity-related variants in LYPLAL1, NRXN3, MSRA, and TFAP2B on quantitative metabolic traits in adult Danes. <i>PLoS ONE</i> , <b>2011</b> , 6, e20640	3.7	36
80	Obstructive sleep apnea in children and adolescents with and without obesity. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2019</b> , 276, 871-878	3.5	34
79	Development of obesity and polycystic ovary syndrome in adolescents. <i>Hormone Research in Paediatrics</i> , <b>2012</b> , 78, 269-78	3.3	33
78	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 3327-3338	5.6	30
77	Leptin, adiponectin, and their ratio as markers of insulin resistance and cardiometabolic risk in childhood obesity. <i>Pediatric Diabetes</i> , <b>2020</b> , 21, 194-202	3.6	30

76	Adiponectin and leptin as first trimester markers for gestational diabetes mellitus: a cohort study. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 1805-1812	5.9	29
75	Effect of changes in BMI and waist circumference on ambulatory blood pressure in obese children and adolescents. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 1470-7; discussion 1477	1.9	28
74	The Role of the Gut Microbiota in Childhood Obesity. <i>Childhood Obesity</i> , <b>2016</b> , 12, 292-9	2.5	27
73	Reference values for serum total adiponectin in healthy non-obese children and adolescents. <i>Clinica Chimica Acta</i> , <b>2015</b> , 450, 11-4	6.2	26
72	Obesity and COVID-19: A Perspective from the European Association for the Study of Obesity on Immunological Perturbations, Therapeutic Challenges, and Opportunities in Obesity. <i>Obesity Facts</i> , <b>2020</b> , 13, 439-452	5.1	26
71	Obesity is associated with vitamin D deficiency in Danish children and adolescents. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2018</b> , 31, 53-61	1.6	26
70	The Impact of Familial Predisposition to Obesity and Cardiovascular Disease on Childhood Obesity. <i>Obesity Facts</i> , <b>2015</b> , 8, 319-28	5.1	25
69	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008718	6	25
68	Longitudinal changes in blood pressure during weight loss and regain of weight in obese boys and girls. <i>Journal of Hypertension</i> , <b>2012</b> , 30, 368-74	1.9	24
67	Multidisciplinary care of obese children and adolescents for one year reduces ectopic fat content in liver and skeletal muscle. <i>BMC Pediatrics</i> , <b>2015</b> , 15, 196	2.6	23
66	Changes in lipidemia during chronic care treatment of childhood obesity. <i>Childhood Obesity</i> , <b>2012</b> , 8, 533-41	2.5	22
65	Impact of weight-loss management on children and adolescents with obesity and obstructive sleep apnea. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2019</b> , 123, 57-62	1.7	21
64	Obese children and adolescents have elevated nighttime blood pressure independent of insulin resistance and arterial stiffness. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 1408-15	2.3	18
63	Muscle fat content and abdominal adipose tissue distribution investigated by magnetic resonance spectroscopy and imaging in obese children and youths. <i>Mental Illness</i> , <b>2012</b> , 4, e11	0.9	18
62	Low-grade inflammation independently associates with cardiometabolic risk in children with overweight/obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2020</b> , 30, 1544-1553	4.5	18
61	Quality of life improves in children and adolescents during a community-based overweight and obesity treatment. <i>Quality of Life Research</i> , <b>2017</b> , 26, 1597-1608	3.7	16
60	Abdominal adiposity and cardiometabolic risk factors in children and adolescents: a Mendelian randomization analysis. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 1079-1087	7	16
59	(1)H MRS assessment of hepatic steatosis in overweight children and adolescents: comparison between 3T and open 1T MR-systems. <i>Abdominal Imaging</i> , <b>2013</b> , 38, 315-9		16

58	1H-MRS Measured Ectopic Fat in Liver and Muscle in Danish Lean and Obese Children and Adolescents. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135018	3.7	15
57	A genome-wide association study of thyroid stimulating hormone and free thyroxine in Danish children and adolescents. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174204	3.7	14
56	Leptin and Adiponectin as markers for preeclampsia in obese pregnant women, a cohort study. <i>Pregnancy Hypertension</i> , <b>2019</b> , 15, 78-83	2.6	13
55	Subjective evaluation of psychosocial well-being in children and youths with overweight or obesity: the impact of multidisciplinary obesity treatment. <i>Quality of Life Research</i> , <b>2017</b> , 26, 3279-3288	3.7	13
54	MR spectroscopy of liver in overweight children and adolescents: investigation of T1ρ relaxation times at 3T. <i>European Journal of Radiology</i> , <b>2012</b> , 81, 811-4	4.7	13
53	Reference values for serum leptin in healthy non-obese children and adolescents. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2016</b> , 76, 561-567	2	13
52	Neonatal anthropometrics and correlation to childhood obesity--data from the Danish Children's Obesity Clinic. <i>European Journal of Pediatrics</i> , <b>2013</b> , 172, 747-51	4.1	12
51	Time course and determinants of leptin decline during weight loss in obese boys and girls. <i>Pediatric Obesity</i> , <b>2007</b> , 2, 2-10		12
50	A hospital-based child and adolescent overweight and obesity treatment protocol transferred into a community healthcare setting. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173033	3.7	12
49	The Effect of Overweight and Obesity on Liver Biochemical Markers in Children and Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	12
48	Reference values for leptin/adiponectin ratio in healthy children and adolescents. <i>Clinica Chimica Acta</i> , <b>2019</b> , 493, 123-128	6.2	11
47	Reference values for fasting serum concentrations of thyroid-stimulating hormone and thyroid hormones in healthy Danish/North-European white children and adolescents. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2019</b> , 79, 129-135	2	11
46	Effects of a Family-Based Childhood Obesity Treatment Program on Parental Weight Status. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161921	3.7	11
45	Glucose metabolism in children and adolescents: Population-based reference values and comparisons to children and adolescents enrolled in obesity treatment. <i>Pediatric Diabetes</i> , <b>2019</b> , 20, 538-548	3.6	10
44	Adipokines in umbilical cord blood from children born large for gestational age. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2016</b> , 29, 33-7	1.6	10
43	H MRS Assessment of Hepatic Fat Content: Comparison Between Normal- and Excess-weight Children and Adolescents. <i>Academic Radiology</i> , <b>2017</b> , 24, 982-987	4.3	8
42	Neonatal anthropometrics and body composition in obese children investigated by dual energy X-ray absorptiometry. <i>European Journal of Pediatrics</i> , <b>2014</b> , 173, 623-7	4.1	8
41	GLP-1 Receptor Agonist Treatment in Morbid Obesity and Type 2 Diabetes Due to Pathogenic Homozygous Melanocortin-4 Receptor Mutation: A Case Report. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100006	18	8

40	Impaired fasting glucose and the metabolic profile in Danish children and adolescents with normal weight, overweight, or obesity. <i>Pediatric Diabetes</i> , <b>2018</b> , 19, 356-365	3.6	8
39	An adult-based insulin resistance genetic risk score associates with insulin resistance, metabolic traits and altered fat distribution in Danish children and adolescents who are overweight or obese. <i>Diabetologia</i> , <b>2018</b> , 61, 1769-1779	10.3	8
38	Common variants in LEPR, IL6, AMD1, and NAMPT do not associate with risk of juvenile and childhood obesity in Danes: a case-control study. <i>BMC Medical Genetics</i> , <b>2015</b> , 16, 105	2.1	7
37	Dating of Pregnancy in First versus Second Trimester in Relation to Post-Term Birth Rate: A Cohort Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147109	3.7	7
36	Childhood obesity treatment; Effects on BMI SDS, body composition, and fasting plasma lipid concentrations. <i>PLoS ONE</i> , <b>2018</b> , 13, e0190576	3.7	7
35	Genetic Susceptibility for Childhood BMI has no Impact on Weight Loss Following Lifestyle Intervention in Danish Children. <i>Obesity</i> , <b>2018</b> , 26, 1915-1922	8	7
34	Adoption of the children's obesity clinic's treatment (TCOCT) protocol into another Danish pediatric obesity treatment clinic. <i>BMC Pediatrics</i> , <b>2015</b> , 15, 13	2.6	6
33	Longitudinal analysis of leptin variation during weight regain after weight loss in obese children. <i>Obesity Facts</i> , <b>2009</b> , 2, 243-8	5.1	6
32	Tracking of leptin, soluble leptin receptor, and the free leptin index during weight loss and regain in children. <i>Obesity Facts</i> , <b>2011</b> , 4, 461-8	5.1	6
31	Urinary markers of nucleic acid oxidation in Danish overweight/obese children and youths. <i>Free Radical Research</i> , <b>2016</b> , 50, 691-7	4	6
30	The effect of impaired glucose metabolism on weight loss in multidisciplinary childhood obesity treatment. <i>Pediatric Diabetes</i> , <b>2018</b> , 19, 366-374	3.6	6
29	Reference values for fasting serum resistin in healthy children and adolescents. <i>Clinica Chimica Acta</i> , <b>2017</b> , 469, 161-165	6.2	5
28	Urinary markers of nucleic acid oxidation increase with age, obesity and insulin resistance in Danish children and adolescents. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 155, 81-86	7.8	5
27	Genetic predisposition to higher body fat yet lower cardiometabolic risk in children and adolescents. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 2007-2016	5.5	5
26	Aortic stiffness in obese children and adolescents: Comparison of two distance measures of carotid-femoral pulse wave velocity. <i>Artery Research</i> , <b>2013</b> , 7, 186	2.2	5
25	The influence of familial predisposition to cardiovascular complications upon childhood obesity treatment. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120177	3.7	5
24	Human Milk Oligosaccharides Modulate Fecal Microbiota and Are Safe for Use in Children With Overweight: A Randomized Controlled Trial. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2021</b> , 73, 408-414	2.8	5
23	Impaired glucose metabolism and altered gut microbiome despite calorie restriction of ob/ob mice. <i>Animal Microbiome</i> , <b>2019</b> , 1, 11	4.1	5

22	Disturbed eating behaviours do not impact treatment response in a paediatric obesity chronic care treatment programme. <i>Journal of Paediatrics and Child Health</i> , <b>2020</b> , 56, 542-549	1.3	4
21	A Gut-Intrinsic Melanocortin Signaling Complex Augments L-Cell Secretion in Humans. <i>Gastroenterology</i> , <b>2021</b> , 161, 536-547.e2	13.3	4
20	Quality of life in children and adolescents with overweight or obesity: Impact of obstructive sleep apnea. <i>International Journal of Pediatric Otorhinolaryngology</i> , <b>2020</b> , 138, 110320	1.7	3
19	Carotid femoral pulse wave velocity in obese children and adolescents: The potential bias of tape distance measuring. <i>Artery Research</i> , <b>2013</b> , 7, 234	2.2	3
18	Longitudinal changes in C-reactive protein, proform of eosinophil major basic protein, and pregnancy-associated plasma protein-A during weight changes in obese children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2015</b> , 28, 393-8	1.6	3
17	Adults with pathogenic MC4R mutations have increased final height and thereby increased bone mass. <i>Journal of Bone and Mineral Metabolism</i> , <b>2020</b> , 38, 117-125	2.9	3
16	Vaccinating People with Obesity for COVID-19: EASO Call for Action. <i>Obesity Facts</i> , <b>2021</b> , 14, 334-335	5.1	3
15	Fasting Plasma GLP-1 Is Associated With Overweight/Obesity and Cardiometabolic Risk Factors in Children and Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 1718-1727	5.6	3
14	The effect of obesity on early fetal growth and pregnancy duration: a cohort study. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2018</b> , 31, 2941-2946	2	2
13	Obesity treatment effect in Danish children and adolescents carrying Melanocortin-4 Receptor mutations. <i>International Journal of Obesity</i> , <b>2021</b> , 45, 66-76	5.5	2
12	Self-Reported Versus Accelerometer-Assessed Daily Physical Activity in Childhood Obesity Treatment. <i>Perceptual and Motor Skills</i> , <b>2017</b> , 124, 795-811	2.2	1
11	Response to the association between obesity and nighttime blood pressure in obese children by adjustments of insulin resistance and arterial stiffness. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 144	2.3	1
10	Projected Cardiovascular Impact of Obesity in Children and Adolescents: Will Obesity Increase the Cardiovascular Risk of Women to That of Men?. <i>Current Cardiovascular Risk Reports</i> , <b>2012</b> , 6, 188-195	0.9	1
9	A Previously Undescribed Highly Prevalent Phage Identified in a Danish Enteric Virome Catalog. <i>MSystems</i> , <b>2021</b> , 6, e0038221	7.6	0
8	Hidradenitis suppurativa in a cohort of overweight and obese children and adolescents. <i>International Journal of Dermatology</i> , <b>2019</b> , 59, 47	1.7	0
7	Comparison of sensory-specific satiety between normal weight and overweight children. <i>Appetite</i> , <b>2016</b> , 107, 486-493	4.5	0
6	Associations between thyroid-stimulating hormone, blood pressure and adiponectin are attenuated in children and adolescents with overweight or obesity. <i>Journal of Pediatric Endocrinology and Metabolism</i> , <b>2019</b> , 32, 1351-1358	1.6	0
5	Glucagon-Like Peptide-1 Is Associated With Systemic Inflammation in Pediatric Patients Treated With Hematopoietic Stem Cell Transplantation.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 793588	8.4	0

4	Estimates of insulin sensitivity and $\beta$ cell function in children and adolescents with and without components of the metabolic syndrome. <i>Pediatric Endocrinology, Diabetes and Metabolism</i> , <b>2017</b> , 23, 122-129	1
3	AuthorsReply to Sert's comment on low-grade inflammation independently associates with cardiometabolic risk in children with overweight/obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2020</b> , 30, 2422-2424	4-5
2	Impact of Childhood Obesity in Fatty Liver Disease <b>2019</b> , 47-64	
1	Longitudinal evaluation of an mHealth overweight and obesity management tool.. <i>MHealth</i> , <b>2022</b> , 8, 2	2.2