# Jens-Christian Holm

List of Publications by Year
in descending order



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|---|---|---|---|
| 98 papers | 3,373 citations | 185998 28 h-index | 174990 52 g-index |
| 100 all docs | 100 docs citations | 100 times ranked | 6207 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252. | 13.7 | 406 |
| 2 | Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814. | 9.4 | 402 |
| 3 | Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403. | 1.4 | 275 |
| 4 | Obstructive sleep apnea in obese children and adolescents, treatment methods and outcome of treatment â€“ A systematic review. International Journal of Pediatric Otorhinolaryngology, 2016, 87, 190-197. | 0.4 | 118 |
| 5 | Obesity Treatment Among Adolescents. JAMA Pediatrics, 2020, 174, 609. | 3.3 | 112 |
| 6 | Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718. | 1.5 | 95 |
| 7 | Patients with Obesity Caused by Melanocortin-4 Receptor Mutations Can Be Treated with a Glucagon-like Peptide-1 Receptor Agonist. Cell Metabolism, 2018, 28, 23-32.e3. | 7.2 | 88 |
| 8 | Chronic care treatment of obese children and adolescents. Pediatric Obesity, 2011, 6, 188-196. | 3.2 | 83 |
| 9 | A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. Human Molecular Genetics, 2019, 28, 3327-3338. | 1.4 | 76 |
| 10 | Obstructive sleep apnea in children and adolescents with and without obesity. European Archives of Oto-Rhino-Laryngology, 2019, 276, 871-878. | 0.8 | 73 |
| 11 | Inherited coding variants at the CDKN2A locus influence susceptibility to acute lymphoblastic leukaemia in children. Nature Communications, 2015, 6, 7553. | 5.8 | 72 |
| 12 | 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. Obesity Facts, 2017, 10, 284-307. | 1.6 | 69 |
| 13 | Environmental spread of microbes impacts the development of metabolic phenotypes in mice transplanted with microbial communities from humans. ISME Journal, 2017, 11, 676-690. | 4.4 | 63 |
| 14 | European Association for the Study of Obesity Position Statement on the Global COVID-19 Pandemic. Obesity Facts, 2020, 13, 292-296. | 1.6 | 63 |
| 15 | Leptin, adiponectin, and their ratio as markers of insulin resistance and cardiometabolic risk in childhood obesity. Pediatric Diabetes, 2020, 21, 194-202. | 1.2 | 61 |
| 16 | Dyslipidemia and reference values for fasting plasma lipid concentrations in Danish/North-European White children and adolescents. BMC Pediatrics, 2017, 17, 116. | 0.7 | 59 |
| 17 | Obesity is associated with vitamin D deficiency in Danish children and adolescents. Journal of Pediatric Endocrinology and Metabolism, 2018, 31, 53-61. | 0.4 | 51 |
| 18 | Development of Obesity and Polycystic Ovary Syndrome in Adolescents. Hormone Research in Paediatrics, 2012, 78, 269-278. | 0.8 | 50 |

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|---|---|---|---|
| 19 | Adiponectin and leptin as first trimester markers for gestational diabetes mellitus: a cohort study. Clinical Chemistry and Laboratory Medicine, 2017, 55, 1805-1812. | 1.4 | 50 |
| 20 | Obesity and COVID-19: A Perspective from the European Association for the Study of Obesity on Immunological Perturbations, Therapeutic Challenges, and Opportunities in Obesity. Obesity Facts, 2020, 13, 439-452. | 1.6 | 49 |
| 21 | Implications of Central Obesity-Related Variants in LYPLAL1, NRXN3, MSRA, and TFAP2B on Quantitative Metabolic Traits in Adult Danes. PLoS ONE, 2011, 6, e20640. | 1.1 | 42 |
| 22 | Effect of changes in BMI and waist circumference on ambulatory blood pressure in obese children and adolescents. Journal of Hypertension, 2014, 32, 1470-1477. | 0.3 | 37 |
| 23 | Impact of weight-loss management on children and adolescents with obesity and obstructive sleep apnea. International Journal of Pediatric Otorhinolaryngology, 2019, 123, 57-62. | 0.4 | 36 |
| 24 | The Impact of Familial Predisposition to Obesity and Cardiovascular Disease on Childhood Obesity. Obesity Facts, 2015, 8, 319-328. | 1.6 | 35 |
| 25 | The Role of the Gut Microbiota in Childhood Obesity. Childhood Obesity, 2016, 12, 292-299. | 0.8 | 35 |
| 26 | The Effect of Overweight and Obesity on Liver Biochemical Markers in Children and Adolescents. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 430-442. | 1.8 | 34 |
| 27 | Reference values for serum total adiponectin in healthy non-obese children and adolescents. Clinica Chimica Acta, 2015, 450, 11-14. | 0.5 | 31 |
| 28 | Longitudinal changes in blood pressure during weight loss and regain of weight in obese boys and girls. Journal of Hypertension, 2012, 30, 368-374. | 0.3 | 29 |
| 29 | Low-grade inflammation independently associates with cardiometabolic risk in children with overweight/obesity. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1544-1553. | 1.1 | 29 |
| 30 | Multidisciplinary care of obese children and adolescents for one year reduces ectopic fat content in liver and skeletal muscle. BMC Pediatrics, 2015, 15, 196. | 0.7 | 27 |
| 31 | Leptin and Adiponectin as markers for preeclampsia in obese pregnant women, a cohort study. Pregnancy Hypertension, 2019, 15, 78-83. | 0.6 | 27 |
| 32 | Obese Children and Adolescents Have Elevated Nighttime Blood Pressure Independent of Insulin Resistance and Arterial Stiffness. American Journal of Hypertension, 2014, 27, 1408-1415. | 1.0 | 26 |
| 33 | Changes in Lipidemia during Chronic Care Treatment of Childhood Obesity. Childhood Obesity, 2012, 8, 533-541. | 0.8 | 24 |
| 34 | Abdominal adiposity and cardiometabolic risk factors in children and adolescents: a Mendelian randomization analysis. American Journal of Clinical Nutrition, 2019, 110, 1079-1087. | 2.2 | 22 |
| 35 | Fasting Plasma GLP-1 Is Associated With Overweight/Obesity and Cardiometabolic Risk Factors in Children and Adolescents. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1718-1727. | 1.8 | 22 |
| 36 | GLP-1 Receptor Agonist Treatment in Morbid Obesity and Type 2 Diabetes Due to Pathogenic Homozygous Melanocortin-4 Receptor Mutation: A Case Report. Cell Reports Medicine, 2020, 1, 100006. | 3.3 | 22 |

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|---|---|---|---|
| 37 | A Previously Undescribed Highly Prevalent Phage Identified in a Danish Enteric Virome Catalog. MSystems, 2021, 6, e0038221. | 1.7 | 22 |
| 38 | MR spectroscopy of liver in overweight children and adolescents: Investigation of 1H T2 relaxation times at 3T. European Journal of Radiology, 2012, 81, 811-814. | 1.2 | 21 |
| 39 | Muscle Fat Content and Abdominal Adipose Tissue Distribution Investigated by Magnetic Resonance Spectroscopy and Imaging in Obese Children and Youths. Mental Illness, 2012, 4, e11. | 0.8 | 20 |
| 40 | Quality of life improves in children and adolescents during a community-based overweight and obesity treatment. Quality of Life Research, 2017, 26, 1597-1608. | 1.5 | 19 |
| 41 | Reference values for fasting serum concentrations of thyroid-stimulating hormone and thyroid hormones in healthy Danish/North-European white children and adolescents. Scandinavian Journal of Clinical and Laboratory Investigation, 2019, 79, 129-135. | 0.6 | 19 |
| 42 | 1H MRS assessment of hepatic steatosis in overweight children and adolescents: comparison between 3T and open 1T MR-systems. Abdominal Imaging, 2013, 38, 315-319. | 2.0 | 18 |
| 43 | Reference values for serum leptin in healthy non-obese children and adolescents. Scandinavian Journal of Clinical and Laboratory Investigation, 2016, 76, 561-567. | 0.6 | 18 |
| 44 | Impaired fasting glucose and the metabolic profile in Danish children and adolescents with normal weight, overweight, or obesity. Pediatric Diabetes, 2018, 19, 356-365. | 1.2 | 18 |
| 45 | Reference values for leptin/adiponectin ratio in healthy children and adolescents. Clinica Chimica Acta, 2019, 493, 123-128. | 0.5 | 18 |
| 46 | Childhood obesity treatment; Effects on BMI SDS, body composition, and fasting plasma lipid concentrations. PLoS ONE, 2018, 13, e0190576. | 1.1 | 18 |
| 47 | Adipokines in umbilical cord blood from children born large for gestational age. Journal of Pediatric Endocrinology and Metabolism, 2016, 29, 33-7. | 0.4 | 17 |
| 48 | Subjective evaluation of psychosocial well-being in children and youths with overweight or obesity: the impact of multidisciplinary obesity treatment. Quality of Life Research, 2017, 26, 3279-3288. | 1.5 | 17 |
| 49 | 1H-MRS Measured Ectopic Fat in Liver and Muscle in Danish Lean and Obese Children and Adolescents. PLoS ONE, 2015, 10, e0135018. | 1.1 | 17 |
| 50 | A genome-wide association study of thyroid stimulating hormone and free thyroxine in Danish children and adolescents. PLoS ONE, 2017, 12, e0174204. | 1.1 | 17 |
| 51 | Glucose metabolism in children and adolescents: Populationâ€based reference values and comparisons to children and adolescents enrolled in obesity treatment. Pediatric Diabetes, 2019, 20, 538-548. | 1.2 | 16 |
| 52 | Impaired glucose metabolism and altered gut microbiome despite calorie restriction of ob/ob mice. Animal Microbiome, 2019, 1, 11. | 1.5 | 15 |
| 53 | Human Milk Oligosaccharides Modulate Fecal Microbiota and Are Safe for Use in Children With Overweight: A Randomized Controlled Trial. Journal of Pediatric Gastroenterology and Nutrition, 2021, 73, 408-414. | 0.9 | 15 |
| 54 | A hospital-based child and adolescent overweight and obesity treatment protocol transferred into a community healthcare setting. PLoS ONE, 2017, 12, e0173033. | 1.1 | 15 |

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|---|---|---|---|
| 55 | Neonatal anthropometrics and correlation to childhood obesityâ€"data from the Danish Childrenâ€™s Obesity Clinic. European Journal of Pediatrics, 2013, 172, 747-751. | 1.3 | 13 |
| 56 | 1 H MRS Assessment of Hepatic Fat Content. Academic Radiology, 2017, 24, 982-987. | 1.3 | 13 |
| 57 | Effects of a Family-Based Childhood Obesity Treatment Program on Parental Weight Status. PLoS ONE, 2016, 11, e0161921. | 1.1 | 13 |
| 58 | Time course and determinants of leptin decline during weight loss in obese boys and girls. Pediatric Obesity, 2007, 2, 2-10. | 3.2 | 12 |
| 59 | Genetic Susceptibility for Childhood BMI has no Impact on Weight Loss Following Lifestyle Intervention in Danish Children. Obesity, 2018, 26, 1915-1922. | 1.5 | 12 |
| 60 | Obesity treatment effect in Danish children and adolescents carrying Melanocortin-4 Receptor mutations. International Journal of Obesity, 2021, 45, 66-76. | 1.6 | 12 |
| 61 | Neonatal anthropometrics and body composition in obese children investigated by dual energy X-ray absorptiometry. European Journal of Pediatrics, 2014, 173, 623-627. | 1.3 | 11 |
| 62 | 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. Diabetologia, 2018, 61, 1769-1779. | 2.9 | 11 |
| 63 | Common variants in LEPR, IL6, AMD1, and NAMPT do not associate with risk of juvenile and childhood obesity in Danes: a caseâ€"control study. BMC Medical Genetics, 2015, 16, 105. | 2.1 | 10 |
| 64 | A Gut-Intrinsic Melanocortin Signaling Complex Augments L-Cell Secretion in Humans. Gastroenterology, 2021, 161, 536-547.e2. | 0.6 | 10 |
| 65 | Longitudinal Analysis of Leptin Variation during Weight Regain after Weight Loss in Obese Children. Obesity Facts, 2009, 2, 2-2. | 1.6 | 9 |
| 66 | Vaccinating People with Obesity for COVID-19: EASO Call for Action. Obesity Facts, 2021, 14, 334-335. | 1.6 | 9 |
| 67 | Tracking of Leptin, Soluble Leptin Receptor, and the Free Leptin Index during Weight Loss and Regain in Children. Obesity Facts, 2011, 4, 461-468. | 1.6 | 8 |
| 68 | Adoption of the childrenâ€™s obesity clinicâ€™s treatment (TCOCT) protocol into another Danish pediatric obesity treatment clinic. BMC Pediatrics, 2015, 15, 13. | 0.7 | 8 |
| 69 | The effect of impaired glucose metabolism on weight loss in multidisciplinary childhood obesity treatment. Pediatric Diabetes, 2018, 19, 366-374. | 1.2 | 8 |
| 70 | Urinary markers of nucleic acid oxidation increase with age, obesity and insulin resistance in Danish children and adolescents. Free Radical Biology and Medicine, 2020, 155, 81-86. | 1.3 | 8 |
| 71 | Dating of Pregnancy in First versus Second Trimester in Relation to Post-Term Birth Rate: A Cohort Study. PLoS ONE, 2016, 11, e0147109. | 1.1 | 8 |
| 72 | The Influence of Familial Predisposition to Cardiovascular Complications upon Childhood Obesity Treatment. PLoS ONE, 2015, 10, e0120177. | 1.1 | 7 |

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|---|---|---|---|
| 73 | Reference values for fasting serum resistin in healthy children and adolescents. Clinica Chimica Acta, 2017, 469, 161-165. | 0.5 | 7 |
| 74 | Adults with pathogenic MC4R mutations have increased final height and thereby increased bone mass. Journal of Bone and Mineral Metabolism, 2020, 38, 117-125. | 1.3 | 7 |
| 75 | Hyperglucagonemia in Pediatric Adiposity Associates With Cardiometabolic Risk Factors but Not Hyperglycemia. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1569-1576. | 1.8 | 7 |
| 76 | Aortic stiffness in obese children and adolescents: Comparison of two distance measures of carotidâ€“femoral pulse wave velocity. Artery Research, 2013, 7, 186. | 0.3 | 6 |
| 77 | Urinary markers of nucleic acid oxidation in Danish overweight/obese children and youths. Free Radical Research, 2016, 50, 691-697. | 1.5 | 6 |
| 78 | The effect of obesity on early fetal growth and pregnancy duration: a cohort study. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 2941-2946. | 0.7 | 5 |
| 79 | Genetic predisposition to higher body fat yet lower cardiometabolic risk in children and adolescents. International Journal of Obesity, 2019, 43, 2007-2016. | 1.6 | 5 |
| 80 | Quality of life in children and adolescents with overweight or obesity: Impact of obstructive sleep apnea. International Journal of Pediatric Otorhinolaryngology, 2020, 138, 110320. | 0.4 | 5 |
| 81 | Disturbed eating behaviours do not impact treatment response in a paediatric obesity chronic care treatment programme. Journal of Paediatrics and Child Health, 2020, 56, 542-549. | 0.4 | 4 |
| 82 | Hidradenitis suppurativa in a cohort of overweight and obese children and adolescents. International Journal of Dermatology, 2020, 59, 47-51. | 0.5 | 4 |
| 83 | Carotidâ€“femoral pulse wave velocity in obese children and adolescents: The potential bias of tape distance measuring. Artery Research, 2013, 7, 234. | 0.3 | 3 |
| 84 | Longitudinal changes in C-reactive protein, proform of eosinophil major basic protein, and pregnancy-associated plasma protein-A during weight changes in obese children. Journal of Pediatric Endocrinology and Metabolism, 2015, 28, 393-8. | 0.4 | 3 |
| 85 | Glucagon-Like Peptide-1 Is Associated With Systemic Inflammation in Pediatric Patients Treated With Hematopoietic Stem Cell Transplantation. Frontiers in Immunology, 2021, 12, 793588. | 2.2 | 3 |
| 86 | Possible prediction of obesityâ€related liver disease in children and adolescents using indices of body composition. Pediatric Obesity, 0, , . | 1.4 | 3 |
| 87 | Associations between thyroid-stimulating hormone, blood pressure and adiponectin are attenuated in children and adolescents with overweight or obesity. Journal of Pediatric Endocrinology and Metabolism, 2019, 32, 1351-1358. | 0.4 | 2 |
| 88 | Early detection of childhood overweight and related complications in a Danish population-based cohort aged 2â€“8 years. Obesity Research and Clinical Practice, 2022, 16, 228-234. | 0.8 | 2 |
| 89 | Projected Cardiovascular Impact of Obesity in Children and Adolescents: Will Obesity Increase the Cardiovascular Risk of Women to That of Men?. Current Cardiovascular Risk Reports, 2012, 6, 188-195. | 0.8 | 1 |
| 90 | Response to the Association Between Obesity and Nighttime Blood Pressure in Obese Children by Adjustments of Insulin Resistance and Arterial Stiffness. American Journal of Hypertension, 2015, 28, 144-144. | 1.0 | 1 |

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|---|---|---|---|
| 91 | Comparison of sensory-specific satiety between normal weight and overweight children. Appetite, 2016, 107, 486-493. | 1.8 | 1 |
| 92 | Self-Reported Versus Accelerometer-Assessed Daily Physical Activity in Childhood Obesity Treatment. Perceptual and Motor Skills, 2017, 124, 795-811. | 0.6 | 1 |
| 93 | Estimates of insulin sensitivity and Î²-cell function in children and adolescents with and without components of the metabolic syndrome. Pediatric Endocrinology, Diabetes and Metabolism, 2017, 23, 122-129. | 0.3 | 1 |
| 94 | Regional differences in hepatic fat fractions in over- weight children and adolescents observed by 3T 1H-MR spectroscopy. Journal of Biomedical Graphics and Computing, 2012, 3, . | 0.2 | 0 |
| 95 | Impact of Childhood Obesity in Fatty Liver Disease. , 2019, , 47-64. | | 0 |
| 96 | Authors' reply to Sert's comment on low-grade inflammation independently associates with cardiometabolic risk in children with overweight/obesity. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 2422-2424. | 1.1 | 0 |
| 97 | Longitudinal evaluation of an mHealth overweight and obesity management tool. MHealth, 2022, 8, 2-2. | 0.9 | 0 |
| 98 | Neonatal Anthropometrics and Obesity Treatment Response in Children and Adolescents. Journal of Pediatrics, 2021, , . | 0.9 | 0 |