Ken K Ong

List of Publications by Year
in descending order

379 papers	53,693 citations	1536 106 h-index	1715 213 g-index
394 all docs	394 docs citations	394 times ranked	47999 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
2	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	21.4	2,641
3	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	21.4	2,634
4	Gene discovery and polygenic prediction from a genome-wide association study of educational attainment in 1.1 million individuals. Nature Genetics, 2018, 50, 1112-1121.	21.4	1,835
5	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
6	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. Nature Genetics, 2009, 41, 25-34.	21.4	1,572
7	Association between postnatal catch-up growth and obesity in childhood: prospective cohort study. BMJ: British Medical Journal, 2000, 320, 967-971.	2.3	1,373
8	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
9	Common variants near MC4R are associated with fat mass, weight and risk of obesity. Nature Genetics, 2008, 40, 768-775.	21.4	1,179
10	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. Nature Genetics, 2010, 42, 949-960.	21.4	836
11	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669.	21.4	762
12	Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352.	21.4	754
13	Rapid infancy weight gain and subsequent obesity: Systematic reviews and hopeful suggestions. Acta Paediatrica, International Journal of Paediatrics, 2006, 95, 904-908.	1.5	684
14	Epigenetic Signatures of Cigarette Smoking. Circulation: Cardiovascular Genetics, 2016, 9, 436-447.	5.1	678
15	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	21.4	578
16	Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. Nature, 2014, 514, 92-97.	27.8	548
17	Early Development of Adiposity and Insulin Resistance after Catch-Up Weight Gain in Small-for-Gestational-Age Children. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2153-2158.	3.6	491
18	Variability in the Heritability of Body Mass Index: A Systematic Review and Meta-Regression. Frontiers in Endocrinology, 2012, 3, 29.	3.5	489

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19	Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. Nature Genetics, 2010, 42, 1077-1085.	21.4	445
20	Rare variant in scavenger receptor BI raises HDL cholesterol and increases risk of coronary heart disease. Science, 2016, 351, 1166-1171.	12.6	438
21	Early Age at Menarche Associated with Cardiovascular Disease and Mortality. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4953-4960.	3.6	430
22	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. Nature Genetics, 2017, 49, 834-841.	21.4	426
23	Genome-wide associations for birth weight and correlations with adult disease. Nature, 2016, 538, 248-252.	27.8	406
24	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. Nature Genetics, 2019, 51, 804-814.	21.4	402
25	Insulin Sensitivity and Secretion Are Related to Catch-Up Growth in Small-for-Gestational-Age Infants at Age 1 Year: Results from a Prospective Cohort. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3645-3650.	3.6	396
26	Using human genetics to understand the disease impacts of testosterone in men and women. Nature Medicine, 2020, 26, 252-258.	30.7	384
27	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	3.5	371
28	Puberty timing associated with diabetes, cardiovascular disease and also diverse health outcomes in men and women: the UK Biobank study. Scientific Reports, 2015, 5, 11208.	3.3	364
29	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	21.4	362
30	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. Nature Genetics, 2015, 47, 1294-1303.	21.4	357
31	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. PLoS Medicine, 2017, 14, e1002383.	8.4	341
32	Large-scale genome-wide meta-analysis of polycystic ovary syndrome suggests shared genetic architecture for different diagnosis criteria. PLoS Genetics, 2018, 14, e1007813.	3.5	341
33	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	21.4	341
34	Prediction of childhood obesity by infancy weight gain: an individualâ€level metaâ€analysis. Paediatric and Perinatal Epidemiology, 2012, 26, 19-26.	1.7	338
35	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	3.5	331
36	Genetic variation in LIN28B is associated with the timing of puberty. Nature Genetics, 2009, 41, 729-733.	21.4	317

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37	Childhood obesity and the timing of puberty. Trends in Endocrinology and Metabolism, 2009, 20, 237-242.	7.1	307
38	Causal mechanisms and balancing selection inferred from genetic associations with polycystic ovary syndrome. Nature Communications, 2015, 6, 8464.	12.8	304
39	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature Genetics, 2013, 45, 76-82.	21.4	293
40	Upward weight percentile crossing in infancy and early childhood independently predicts fat mass in young adults: the Stockholm Weight Development Study (SWEDES). American Journal of Clinical Nutrition, 2006, 83, 324-330.	4.7	288
41	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. Nature Genetics, 2016, 48, 1462-1472.	21.4	284
42	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	21.4	282
43	An International Consortium Update: Pathophysiology, Diagnosis, and Treatment of Polycystic Ovarian Syndrome in Adolescence. Hormone Research in Paediatrics, 2017, 88, 371-395.	1.8	282
44	A DNA methylation biomarker of alcohol consumption. Molecular Psychiatry, 2018, 23, 422-433.	7.9	280
45	Association of Weight Gain in Infancy and Early Childhood with Metabolic Risk in Young Adults. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 98-103.	3.6	277
46	Longitudinal changes in insulin sensitivity and secretion from birth to age three years in small- and appropriate-for-gestational-age children. Diabetologia, 2005, 48, 2609-2614.	6.3	272
47	Association of the INS VNTR with size at birth. Nature Genetics, 1998, 19, 98-100.	21.4	270
48	Childhood Obesity. Circulation, 2012, 126, 1770-1779.	1.6	267
49	Rapid weight gain during infancy and subsequent adiposity: a systematic review and metaâ€analysis of evidence. Obesity Reviews, 2018, 19, 321-332.	6.5	254
50	Opposing Influences of Prenatal and Postnatal Weight Gain on Adrenarche in Normal Boys and Girls. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2647-2651.	3.6	251
51	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. Genome Biology, 2016, 17, 255.	8.8	251
52	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	12.8	245
53	Insulin sensitivity and secretion in normal children related to size at birth, postnatal growth, and plasma insulin-like growth factor-I levels. Diabetologia, 2004, 47, 1064-70.	6.3	235
54	Lessons from large population studies on timing and tempo of puberty (secular trends and relation to) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.2	232

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55	Life course variations in the associations between FTO and MC4R gene variants and body size. Human Molecular Genetics, 2010, 19, 545-552.	2.9	227
56	Postnatal growth in preterm infants and later health outcomes: a systematic review. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 974-986.	1.5	227
57	Infancy Weight Gain Predicts Childhood Body Fat and Age at Menarche in Girls. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1527-1532.	3.6	220
58	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. Nature Genetics, 2021, 53, 1311-1321.	21.4	218
59	Cord Blood Leptin Is Associated with Size at Birth and Predicts Infancy Weight Gain in Humans. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1145-1148.	3.6	211
60	Age at Menarche and Risks of All-Cause and Cardiovascular Death: A Systematic Review and Meta-Analysis. American Journal of Epidemiology, 2014, 180, 29-40.	3.4	201
61	Longitudinal Study of Leptin Concentrations during Puberty: Sex Differences and Relationship to Changes in Body Composition1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 899-905.	3.6	198
62	Genetic predisposition to mosaic Y chromosome loss in blood. Nature, 2019, 575, 652-657.	27.8	198
63	Birth weight, infant growth and insulin resistance. European Journal of Endocrinology, 2004, 151 Suppl 3, U131-U139.	3.7	192
64	Dietary Energy Intake at the Age of 4 Months Predicts Postnatal Weight Gain and Childhood Body Mass Index. Pediatrics, 2006, 117, e503-e508.	2.1	192
65	Age at Menopause, Reproductive Life Span, and Type 2 Diabetes Risk. Diabetes Care, 2013, 36, 1012-1019.	8.6	186
66	Cumulative effects and predictive value of common obesity-susceptibility variants identified by genome-wide association studies. American Journal of Clinical Nutrition, 2010, 91, 184-190.	4.7	185
67	Genetic insights into biological mechanisms governing human ovarian ageing. Nature, 2021, 596, 393-397.	27.8	183
68	Size at Birth and Cord Blood Levels of Insulin, Insulin-Like Growth Factor I (IGF-I), IGF-II, IGF-Binding Protein-1 (IGFBP-1), IGFBP-3, and the Soluble IGF-II/Mannose-6-Phosphate Receptor in Term Human Infants1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4266-4269.	3.6	179
69	Size at Birth, Postnatal Growth and Risk of Obesity. Hormone Research in Paediatrics, 2006, 65, 65-69.	1.8	176
70	Dissecting Causal Pathways Using Mendelian Randomization with Summarized Genetic Data: Application to Age at Menarche and Risk of Breast Cancer. Genetics, 2017, 207, 481-487.	2.9	170
71	Association between age at menarche and risk of diabetes in adults: results from the EPIC-Norfolk cohort study. Diabetologia, 2008, 51, 781-786.	6.3	169
72	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	12.8	169

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73	Anogenital distance as a marker of androgen exposure in humans. Andrology, 2016, 4, 616-625.	3.5	165
74	A Central Role for GRB10 in Regulation of Islet Function in Man. PLoS Genetics, 2014, 10, e1004235.	3.5	164
75	Circulating IGF-I Levels in Childhood Are Related to Both Current Body Composition and Early Postnatal Growth Rate. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1041-1044.	3.6	163
76	Androgen Receptor Gene CAG Repeat Polymorphism in the Development of Ovarian Hyperandrogenism. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3333-3338.	3.6	163
77	Determinants of sugarâ€sweetened beverage consumption in young children: a systematic review. Obesity Reviews, 2015, 16, 903-913.	6.5	162
78	Early and late weight gain and the timing of puberty. Molecular and Cellular Endocrinology, 2006, 254-255, 140-145.	3.2	159
79	Anogenital Distance from Birth to 2 Years: a Population Study. Environmental Health Perspectives, 2009, 117, 1786-1790.	6.0	159
80	Genetic Markers of Adult Obesity Risk Are Associated with Greater Early Infancy Weight Gain and Growth. PLoS Medicine, 2010, 7, e1000284.	8.4	158
81	Physical and neurobehavioral determinants of reproductive onset and success. Nature Genetics, 2016, 48, 617-623.	21.4	158
82	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	3.5	158
83	The descriptive epidemiology of congenital and acquired cryptorchidism in a UK infant cohort. Archives of Disease in Childhood, 2009, 94, 868-872.	1.9	156
84	Elucidating the genetic basis of social interaction and isolation. Nature Communications, 2018, 9, 2457.	12.8	156
85	TCF7L2 Polymorphisms Modulate Proinsulin Levels and Â-Cell Function in a British Europid Population. Diabetes, 2007, 56, 1943-1947.	0.6	154
86	Randomized Cross-Over Trial of Insulin Glargine Plus Lispro or NPH Insulin Plus Regular Human Insulin in Adolescents With Type 1 Diabetes on Intensive Insulin Regimens. Diabetes Care, 2003, 26, 799-804.	8.6	153
87	The insulin gene VNTR, type 2 diabetes and birth weight. Nature Genetics, 1999, 21, 262-263.	21.4	152
88	GWAS of epigenetic aging rates in blood reveals a critical role for TERT. Nature Communications, 2018, 9, 387.	12.8	151
89	Monitoring of concordance in growth hormone therapy. Archives of Disease in Childhood, 2008, 93, 147-148.	1.9	149
90	Age at Menarche and Type 2 Diabetes Risk. Diabetes Care, 2013, 36, 3526-3534.	8.6	147

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91	Catch-up growth in small for gestational age babies: good or bad?. Current Opinion in Endocrinology, Diabetes and Obesity, 2007, 14, 30-34.	2.3	145
92	Breast milk nutrient content and infancy growth. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 641-647.	1.5	142
93	Insulin sensitization early after menarche prevents progression from precocious pubarche to polycystic ovary syndrome. Journal of Pediatrics, 2004, 144, 23-29.	1.8	141
94	Effects of obesity on growth and puberty. Best Practice and Research in Clinical Endocrinology and Metabolism, 2005, 19, 375-390.	4.7	126
95	Fat distribution in nonâ€obese girls with and without precocious pubarche: central adiposity related to insulinaemia and androgenaemia from prepuberty to postmenarche. Clinical Endocrinology, 2003, 58, 372-379.	2.4	124
96	Genetic analyses identify widespread sex-differential participation bias. Nature Genetics, 2021, 53, 663-671.	21.4	124
97	Plasma urate concentration and risk of coronary heart disease: a Mendelian randomisation analysis. Lancet Diabetes and Endocrinology,the, 2016, 4, 327-336.	11.4	122
98	Earlier Mother's Age at Menarche Predicts Rapid Infancy Growth and Childhood Obesity. PLoS Medicine, 2007, 4, e132.	8.4	121
99	Insulin Sensitization for Girls with Precocious Pubarche and with Risk for Polycystic Ovary Syndrome: Effects of Prepubertal Initiation and Postpubertal Discontinuation of Metformin Treatment. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4331-4337.	3.6	120
100	Genetic Susceptibility to Obesity and Related Traits in Childhood and Adolescence. Diabetes, 2010, 59, 2980-2988.	0.6	120
101	DNA methylation profiling at imprinted loci after periconceptional micronutrient supplementation in humans: results of a pilot randomized controlled trial. FASEB Journal, 2012, 26, 1782-1790.	0.5	120
102	Metformin Treatment to Prevent Early Puberty in Girls with Precocious Pubarche. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2888-2891.	3.6	119
103	Glucose and Lipid Metabolism in Small For Gestational Age Infants at 48 Hours of Age. Pediatrics, 2003, 111, 804-809.	2.1	118
104	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. American Journal of Human Genetics, 2020, 106, 389-404.	6.2	118
105	Genetic variants associated with mosaic Y chromosome loss highlight cell cycle genes and overlap with cancer susceptibility. Nature Genetics, 2017, 49, 674-679.	21.4	117
106	Metformin Therapy during Puberty Delays Menarche, Prolongs Pubertal Growth, and Augments Adult Height: A Randomized Study in Low-Birth-Weight Girls with Early-Normal Onset of Puberty. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2068-2073.	3.6	113
107	Mothers' experiences of bottle-feeding: a systematic review of qualitative and quantitative studies. Archives of Disease in Childhood, 2009, 94, 596-601.	1.9	113
108	Anogenital Distance and Penile Length in Infants with Hypospadias or Cryptorchidism:Comparison with Normative Data. Environmental Health Perspectives, 2014, 122, 207-211.	6.0	113

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109	Additive Effects of Insulin-Sensitizing and Anti-Androgen Treatment in Young, Nonobese Women with Hyperinsulinism, Hyperandrogenism, Dyslipidemia, and Anovulation. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2870-2874.	3.6	109
110	Perinatal growth failure: the road to obesity, insulin resistance and cardiovascular disease in adults. Best Practice and Research in Clinical Endocrinology and Metabolism, 2002, 16, 191-207.	4.7	108
111	Longitudinal Changes in Insulin-Like Growth Factor-I, Insulin Sensitivity, and Secretion from Birth to Age Three Years in Small-for-Gestational-Age Children. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4645-4649.	3.6	107
112	Mitochondrial 16189 variant, thinness at birth, and type-2 diabetes. Lancet, The, 1999, 353, 1499-1500.	13.7	106
113	Adiponectin Levels in the First Two Years of Life in a Prospective Cohort: Relations with Weight Gain, Leptin Levels and Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5500-5503.	3.6	106
114	Socioeconomic status in relation to early menarche among black and white girls. Cancer Causes and Control, 2009, 20, 713-720.	1.8	106
115	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. American Journal of Human Genetics, 2019, 104, 112-138.	6.2	106
116	Association between childhood obesity and subsequent Type 1 diabetes: a systematic review and metaâ€analysis. Diabetic Medicine, 2011, 28, 10-18.	2.3	104
117	A genome-wide association study of early menopause and the combined impact of identified variants. Human Molecular Genetics, 2013, 22, 1465-1472.	2.9	104
118	Ultrasound Measurements of Visceral and Subcutaneous Abdominal Thickness to Predict Abdominal Adiposity Among Older Men and Women. Obesity, 2010, 18, 625-631.	3.0	103
119	Clinical features in women with polycystic ovaries: relationships to insulin sensitivity, insulin gene VNTR and birth weight. Clinical Endocrinology, 2001, 55, 439-446.	2.4	101
120	Low IGF-I and Elevated Testosterone During Puberty in Subjects With Type 1 Diabetes Developing Microalbuminuria in Comparison to Normoalbuminuric Control Subjects. Diabetes Care, 2003, 26, 1456-1461.	8.6	100
121	Shared genetic aetiology of puberty timing between sexes and with health-related outcomes. Nature Communications, 2015, 6, 8842.	12.8	100
122	Low-Dose Flutamide-Metformin Therapy Reverses Insulin Resistance and Reduces Fat Mass in Nonobese Adolescents with Ovarian Hyperandrogenism. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2600-2606.	3.6	99
123	Determinants of Early Weaning and Use of Unmodified Cow's Milk in Infants: A Systematic Review. Journal of the American Dietetic Association, 2009, 109, 2017-2028.	1.1	99
124	Association of aromatase (CYP 19) gene variation with features of hyperandrogenism in two populations of young women. Human Reproduction, 2005, 20, 1837-1843.	0.9	98
125	Factors influencing obesogenic dietary intake in young children (0â€“6â€…years): systematic review of qualitative evidence. BMJ Open, 2015, 5, e007396.	1.9	97
126	High-Dose Growth Hormone (GH) Treatment in Non-GH-Deficient Children Born Small for Gestational Age Induces Growth Responses Related to Pretreatment GH Secretion and Associated with a Reversible Decrease in Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 148-148.	3.6	95

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127	A Robust Example of Collider Bias in a Genetic Association Study. American Journal of Human Genetics, 2016, 98, 392-393.	6.2	95
128	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	3.5	95
129	Implications of adopting the WHO 2006 Child Growth Standard in the UK: two prospective cohort studies. Archives of Disease in Childhood, 2008, 93, 566-569.	1.9	93
130	Sixty-Five Common Genetic Variants and Prediction of Type 2 Diabetes. Diabetes, 2015, 64, 1830-1840.	0.6	91
131	Identification of Common Genetic Variants Influencing Spontaneous Dizygotic Twinning and Female Fertility. American Journal of Human Genetics, 2016, 98, 898-908.	6.2	89
132	Impact on offspring methylation patterns of maternal gestational diabetes mellitus and intrauterine growth restraint suggest common genes and pathways linked to subsequent type 2 diabetes risk. FASEB Journal, 2014, 28, 4868-4879.	0.5	88
133	Systematic review indicates postnatal growth in term infants born smallâ€forâ€gestationalâ€age being associated with later neurocognitive and metabolic outcomes. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 1230-1238.	1.5	86
134	GWAS on longitudinal growth traits reveals different genetic factors influencing infant, child, and adult BMI. Science Advances, 2019, 5, eaaw3095.	10.3	86
135	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
136	Early childhood predictors of adult body composition. Best Practice and Research in Clinical Endocrinology and Metabolism, 2008, 22, 489-502.	4.7	83
137	Higher Levels of IGF-I and Adrenal Androgens at Age 8 Years Are Associated with Earlier Age at Menarche in Girls. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E786-E790.	3.6	82
138	Association between birth weight and visceral fat in adults. American Journal of Clinical Nutrition, 2010, 92, 347-352.	4.7	81
139	Adult obesity susceptibility variants are associated with greater childhood weight gain and a faster tempo of growth: the 1946 British Birth Cohort Study. American Journal of Clinical Nutrition, 2012, 95, 1150-1156.	4.7	80
140	Replication and characterization of CADM2 and MSRA genes on human behavior. Heliyon, 2017, 3, e00349.	3.2	80
141	Elevated Leptin Levels Are Associated with Excess Gains in Fat Mass in Girls, But Not Boys, with Type 1 Diabetes: Longitudinal Study during Adolescence. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 1188-1193.	3.6	79
142	Prolonged cardiac repolarisation during spontaneous nocturnal hypoglycaemia in children and adolescents with type 1 diabetes. Diabetologia, 2004, 47, 1940-1947.	6.3	77
143	Pregnancy Insulin, Glucose, and BMI Contribute to Birth Outcomes in Nondiabetic Mothers. Diabetes Care, 2008, 31, 2193-2197.	8.6	77
144	Epigenome-Wide Association Study of Incident Type 2 Diabetes in a British Population: EPIC-Norfolk Study. Diabetes, 2019, 68, 2315-2326.	0.6	77

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145	Conscious level in children with diabetic ketoacidosis is related to severity of acidosis and not to blood glucose concentration. Pediatric Diabetes, 2006, 7, 11-15.	2.9	75
146	Role of Prenatal Characteristics and Early Growth on Pubertal Attainment of British Girls. Pediatrics, 2010, 126, e591-e600.	2.1	75
147	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357.	12.8	74
148	Common polymorphism in H19 associated with birthweight and cord blood IGF-II levels in humans. BMC Genetics, 2005, 6, 22.	2.7	72
149	Insulin-like growth factor I concentrations in infancy predict differential gains in body length and adiposity: the Cambridge Baby Growth Study. American Journal of Clinical Nutrition, 2009, 90, 156-161.	4.7	72
150	Session 7: Early nutrition and later health Early developmental pathways of obesity and diabetes risk. Proceedings of the Nutrition Society, 2007, 66, 451-457.	1.0	70
151	Does the fetal genotype affect maternal physiology during pregnancy?. Trends in Molecular Medicine, 2007, 13, 414-421.	6.7	69
152	Fasting and Post-Glucose Ghrelin Levels in SGA Infants: Relationships with Size and Weight Gain at One Year of Age. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 5830-5833.	3.6	67
153	Mendelian Randomisation Study of Childhood BMI and Early Menarche. Journal of Obesity, 2011, 2011, 1-6.	2.7	67
154	Higher Fasting Plasma Free Fatty Acid Levels Are Associated with Lower Insulin Secretion in Children and Adults and a Higher Incidence of Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 3302-3309.	3.6	67
155	Molecular insights into the aetiology of female reproductive ageing. Nature Reviews Endocrinology, 2015, 11, 725-734.	9.6	67
156	Comparison of smoking-related DNA methylation between newborns from prenatal exposure and adults from personal smoking. Epigenomics, 2019, 11, 1487-1500.	2.1	64
157	Pros and cons of GnRHa treatment for early puberty in girls. Nature Reviews Endocrinology, 2014, 10, 352-363.	9.6	63
158	Postnatal penile growth concurrent with mini-puberty predicts later sex-typed play behavior: Evidence for neurobehavioral effects of the postnatal androgen surge in typically developing boys. Hormones and Behavior, 2015, 69, 98-105.	2.1	63
159	Determinants of Change in Physical Activity in Children 0â€“6 years of Age: A Systematic Review of Quantitative Literature. Sports Medicine, 2017, 47, 1349-1374.	6.5	63
160	Impact of Early Infant Growth, Duration of Breastfeeding and Maternal Factors on Total Body Fat Mass and Visceral Fat at 3 and 6 Months of Age. Annals of Nutrition and Metabolism, 2017, 71, 203-210.	1.9	63
161	The role of leptin in human growth and puberty. Acta Paediatrica, International Journal of Paediatrics, 1999, 88, 95-98.	1.5	62
162	Maternal-Fetal Interactions and Birth Order Influence Insulin Variable Number of Tandem Repeats Allele Class Associations with Head Size at Birth and Childhood Weight Gain. Diabetes, 2004, 53, 1128-1133.	0.6	62

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163	Longitudinal fat mass and visceral fat during the first 6â€‰months after birth in healthy infants: support for a critical window for adiposity in early life. Pediatric Obesity, 2017, 12, 286-294.	2.8	62
164	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. Nature Human Behaviour, 2021, 5, 1717-1730.	12.0	62
165	Contribution of Variants in the Small Heterodimer Partner Gene to Birthweight, Adiposity, and Insulin Levels: Mutational Analysis and Association Studies in Multiple Populations. Diabetes, 2003, 52, 1288-1291.	0.6	61
166	Lipidomic Analyses, Breast- and Formula-Feeding, and Growth in Infants. Journal of Pediatrics, 2015, 166, 276-281.e6.	1.8	60
167	Even transient rapid infancy weight gain is associated with higher BMI in young adults and earlier menarche. International Journal of Obesity, 2015, 39, 939-944.	3.4	59
168	MC3R links nutritional state to childhood growth and the timing of puberty. Nature, 2021, 599, 436-441.	27.8	59
169	Obesity-susceptibility loci have a limited influence on birth weight: a meta-analysis of up to 28,219 individuals. American Journal of Clinical Nutrition, 2011, 93, 851-860.	4.7	58
170	Breastfeeding and Infant Temperament at Age Three Months. PLoS ONE, 2012, 7, e29326.	2.5	57
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