

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.

120 papers	4,088 citations	37 h-index	60 g-index
129 ext. papers	4,931 ext. citations	5 avg, IF	5.95 L-index

#	Paper	IF	Citations
120	Bisphenol A at environmentally relevant doses inhibits adiponectin release from human adipose tissue explants and adipocytes. <i>Environmental Health Perspectives</i> , 2008 , 116, 1642-7	8.4	343
119	Temporal relationship and predictive value of urinary acute kidney injury biomarkers after pediatric cardiopulmonary bypass. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2301-9	15.1	248
118	Meta-analysis of genome-wide association studies identifies 1q22 as a susceptibility locus for intracerebral hemorrhage. <i>American Journal of Human Genetics</i> , 2014 , 94, 511-21	11	166
117	Neutrophil gelatinase-associated lipocalin concentrations predict development of acute kidney injury in neonates and children after cardiopulmonary bypass. <i>Journal of Pediatrics</i> , 2011 , 158, 1009-1013	3.6	151
116	Adiponectin is present in human milk and is associated with maternal factors. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 1106-11	7	128
115	Serum cystatin C is an early predictive biomarker of acute kidney injury after pediatric cardiopulmonary bypass. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010 , 5, 1552-7	6.9	99
114	Cardiovascular Consequences of Childhood Secondhand Tobacco Smoke Exposure: Prevailing Evidence, Burden, and Racial and Socioeconomic Disparities: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2016 , 134, e336-e359	16.7	91
113	The effect of minor allele frequency on the likelihood of obtaining false positives. <i>BMC Proceedings</i> , 2009 , 3 Suppl 7, S41	2.3	85
112	Common variation in COL4A1/COL4A2 is associated with sporadic cerebral small vessel disease. <i>Neurology</i> , 2015 , 84, 918-26	6.5	84
111	The relationships of adiponectin with insulin and lipids are strengthened with increasing adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 4255-9	5.6	84
110	Characteristics and potential functions of human milk adiponectin. <i>Journal of Pediatrics</i> , 2010 , 156, S41-6	6.6	82
109	Cohort Profile: the international childhood cardiovascular cohort (i3C) consortium. <i>International Journal of Epidemiology</i> , 2013 , 42, 86-96	7.8	81
108	Gut Microbiome Differences in Infants at High vs. Low Risk of Early Obesity. <i>Current Developments in Nutrition</i> , 2020 , 4, 1103-1103	0.4	78
107	Young Women's HDL Cholesterol Changes Differ by Parity Status, Race and Pre-Pregnancy HDL. <i>Current Developments in Nutrition</i> , 2020 , 4, 1104-1104	0.4	78
106	The Contribution of Dietary Composition Over 25 Years to Cardiovascular Risk Factors in Childhood and Adulthood: The Princeton Lipid Research Study. <i>Current Developments in Nutrition</i> , 2021 , 5, 1013-1013	0.4	78
105	Fatty acid composition in the mature milk of Bolivian forager-horticulturalists: controlled comparisons with a US sample. <i>Maternal and Child Nutrition</i> , 2012 , 8, 404-18	3.4	74
104	Temporal changes in milk proteomes reveal developing milk functions. <i>Journal of Proteome Research</i> , 2012 , 11, 3897-907	5.6	74

103	Human milk adiponectin is associated with infant growth in two independent cohorts. <i>Breastfeeding Medicine</i> , 2009 , 4, 101-9	2.1	74
102	Childhood Age and Associations Between Childhood Metabolic Syndrome and Adult Risk for Metabolic Syndrome, Type 2 Diabetes Mellitus and Carotid Intima Media Thickness: The International Childhood Cardiovascular Cohort Consortium. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	71
101	Urinary netrin-1 is an early predictive biomarker of acute kidney injury after cardiac surgery. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010 , 5, 395-401	6.9	69
100	Severity of the metabolic syndrome as a predictor of type 2 diabetes between childhood and adulthood: the Princeton Lipid Research Cohort Study. <i>Diabetologia</i> , 2015 , 58, 2745-52	10.3	67
99	Severity of Metabolic Syndrome as a Predictor of Cardiovascular Disease Between Childhood and Adulthood: The Princeton Lipid Research Cohort Study. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 755-7	15.1	61
98	Obesity identified by discharge ICD-9 codes underestimates the true prevalence of obesity in hospitalized children. <i>Journal of Pediatrics</i> , 2009 , 154, 327-31	3.6	59
97	Human milk adiponectin affects infant weight trajectory during the second year of life. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012 , 54, 532-9	2.8	59
96	Role of carbohydrate modification in weight management among obese children: a randomized clinical trial. <i>Journal of Pediatrics</i> , 2012 , 161, 320-7.e1	3.6	57
95	Interactions between noncontiguous haplotypes in the adiponectin gene ACDC are associated with plasma adiponectin. <i>Diabetes</i> , 2006 , 55, 523-9	0.9	53
94	Risk factors for cardiovascular disease and type 2 diabetes retained from childhood to adulthood predict adult outcomes: the Princeton LRC Follow-up Study. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2012 , 2012, 6	1.5	51
93	Ideal cardiovascular health in young adult populations from the United States, Finland, and Australia and its association with cIMT: the International Childhood Cardiovascular Cohort Consortium. <i>Journal of the American Heart Association</i> , 2013 , 2, e000244	6	51
92	Childhood lifestyle and clinical determinants of adult ideal cardiovascular health: the Cardiovascular Risk in Young Finns Study, the Childhood Determinants of Adult Health Study, the Princeton Follow-Up Study. <i>International Journal of Cardiology</i> , 2013 , 169, 126-32	3.2	49
91	Using body mass index Z-score among severely obese adolescents: a cautionary note. <i>Pediatric Obesity</i> , 2009 , 4, 405-10		49
90	Relation of Blood Pressure in Childhood to Self-Reported Hypertension in Adulthood. <i>Hypertension</i> , 2019 , 73, 1224-1230	8.5	44
89	Peripheral monocyte count is associated with case fatality after intracerebral hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, e107-11	2.8	41
88	Does Breastfeeding Protect Against Childhood Obesity? Moving Beyond Observational Evidence. <i>Current Obesity Reports</i> , 2015 , 4, 207-16	8.4	39
87	Sun exposure and vitamin D supplementation in relation to vitamin D status of breastfeeding mothers and infants in the global exploration of human milk study. <i>Nutrients</i> , 2015 , 7, 1081-93	6.7	39
86	Inter-relationships between the severity of metabolic syndrome, insulin and adiponectin and their relationship to future type 2 diabetes and cardiovascular disease. <i>International Journal of Obesity</i> , 2016 , 40, 1353-9	5.5	39

85	Impact of Lipid Measurements in Youth in Addition to Conventional Clinic-Based Risk Factors on Predicting Preclinical Atherosclerosis in Adulthood: International Childhood Cardiovascular Cohort Consortium. <i>Circulation</i> , 2018 , 137, 1246-1255	16.7	38
84	Rank-based genome-wide analysis reveals the association of ryanodine receptor-2 gene variants with childhood asthma among human populations. <i>Human Genomics</i> , 2013 , 7, 16	6.8	38
83	High Body Mass Index in Infancy May Predict Severe Obesity in Early Childhood. <i>Journal of Pediatrics</i> , 2017 , 183, 87-93.e1	3.6	37
82	Early and late menarche are associated with oligomenorrhea and predict metabolic syndrome 26 years later. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 1597-606	12.7	35
81	Adolescent sex differences in adiponectin are conditional on pubertal development and adiposity. <i>Obesity</i> , 2005 , 13, 2095-101		35
80	Congenital Heart Disease With and Without Cyanotic Potential and the Long-term Risk of Diabetes Mellitus: A Population-Based Follow-up Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	34
79	Growth hormone treatment in boys with Duchenne muscular dystrophy and glucocorticoid-induced growth failure. <i>Neuromuscular Disorders</i> , 2012 , 22, 1046-56	2.9	32
78	Urinary Neutrophil Gelatinase-Associated Lipocalin Measured on Admission to the Intensive Care Unit Accurately Discriminates between Sustained and Transient Acute Kidney Injury in Adult Critically Ill Patients. <i>Nephron Extra</i> , 2011 , 1, 9-23		32
77	Outdoor Temperature, Precipitation, and Wind Speed Affect Physical Activity Levels in Children: A Longitudinal Cohort Study. <i>Journal of Physical Activity and Health</i> , 2015 , 12, 1074-81	2.5	30
76	Microcephaly is associated with early adverse neurologic outcomes in hypoplastic left heart syndrome. <i>Pediatric Research</i> , 2013 , 74, 61-7	3.2	29
75	Apolipoprotein E, statins, and risk of intracerebral hemorrhage. <i>Stroke</i> , 2013 , 44, 3013-7	6.7	28
74	Heightened attention to supplementation is needed to improve the vitamin D status of breastfeeding mothers and infants when sunshine exposure is restricted. <i>Maternal and Child Nutrition</i> , 2014 , 10, 383-97	3.4	27
73	Specific infant feeding practices do not consistently explain variation in anthropometry at age 1 year in urban United States, Mexico, and China cohorts. <i>Journal of Nutrition</i> , 2013 , 143, 166-74	4.1	27
72	Quality assessment of buccal versus blood genomic DNA using the Affymetrix 500 K GeneChip. <i>BMC Genetics</i> , 2007 , 8, 79	2.6	27
71	Utility of Different Blood Pressure Measurement Components in Childhood to Predict Adult Carotid Intima-Media Thickness. <i>Hypertension</i> , 2019 , 73, 335-341	8.5	26
70	Branched-chain fatty acid composition of human milk and the impact of maternal diet: the Global Exploration of Human Milk (GEHM) Study. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 177-184	7	25
69	Quantitative Analysis of the Human Milk Whey Proteome Reveals Developing Milk and Mammary-Gland Functions across the First Year of Lactation. <i>Proteomes</i> , 2013 , 1, 128-158	4.6	24
68	Adolescent oligomenorrhea (age 14-19) tracks into the third decade of life (age 20-28) and predicts increased cardiovascular risk factors and metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 539-53	12.7	23

67	Breastfeeding helps explain racial and socioeconomic status disparities in adolescent adiposity. <i>Pediatrics</i> , 2008 , 121, e458-65	7.4	23
66	Distance and percentage distance from median BMI as alternatives to BMI score. <i>British Journal of Nutrition</i> , 2020 , 124, 493-500	3.6	21
65	The International Childhood Cardiovascular Cohort (i3C) consortium outcomes study of childhood cardiovascular risk factors and adult cardiovascular morbidity and mortality: Design and recruitment. <i>Contemporary Clinical Trials</i> , 2018 , 69, 55-64	2.3	20
64	Probenecid Improves Cardiac Function in Patients With Heart Failure With Reduced Ejection Fraction In Vivo and Cardiomyocyte Calcium Sensitivity In Vitro. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	20
63	Association between urinary manganese and blood pressure: Results from National Health and Nutrition Examination Survey (NHANES), 2011-2014. <i>PLoS ONE</i> , 2017 , 12, e0188145	3.7	19
62	Somatic growth trajectory in the fetus with hypoplastic left heart syndrome. <i>Pediatric Research</i> , 2013 , 74, 284-9	3.2	18
61	Prediction of adult class II/III obesity from childhood BMI: the i3C consortium. <i>International Journal of Obesity</i> , 2020 , 44, 1164-1172	5.5	17
60	Tracking of accelerometer-measured physical activity in early childhood. <i>Pediatric Exercise Science</i> , 2013 , 25, 487-501	2	15
59	Rapid deterioration of insulin secretion in obese adolescents preceding the onset of type 2 diabetes. <i>Journal of Pediatrics</i> , 2015 , 166, 672-8	3.6	14
58	Congenital Heart Defects and Risk of Epilepsy: A Population-Based Cohort Study. <i>Circulation</i> , 2016 , 134, 1689-1691	16.7	14
57	β-cell dysfunction in adolescents and adults with newly diagnosed type 2 diabetes mellitus. <i>Journal of Pediatrics</i> , 2012 , 160, 904-10	3.6	14
56	New directions in childhood obesity research: how a comprehensive biorepository will allow better prediction of outcomes. <i>BMC Medical Research Methodology</i> , 2010 , 10, 100	4.7	14
55	Non-HDL Cholesterol Levels in Childhood and Carotid Intima-Media Thickness in Adulthood. <i>Pediatrics</i> , 2020 , 145,	7.4	14
54	Dietary assessment of adolescents undergoing laparoscopic Roux-en-Y gastric bypass surgery: macro- and micronutrient, fiber, and supplement intake. <i>Surgery for Obesity and Related Diseases</i> , 2012 , 8, 331-6	3	12
53	Shared genetic contributions of fruit and vegetable consumption with BMI in families 20 y after sharing a household. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 1138-43	7	12
52	Heritability of the Severity of the Metabolic Syndrome in Whites and Blacks in 3 Large Cohorts. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		11
51	Increased frequency of dietitian visits is associated with improved body mass index outcomes in obese youth participating in a comprehensive pediatric weight management program. <i>Childhood Obesity</i> , 2015 , 11, 202-8	2.5	11
50	Impaired beta-cell sensitivity to glucose and maximal insulin secretory capacity in adolescents with type 2 diabetes. <i>Pediatric Diabetes</i> , 2010 , 11, 314-21	3.6	11

49	Multiple testing in the genomics era: findings from Genetic Analysis Workshop 15, Group 15. <i>Genetic Epidemiology</i> , 2007 , 31 Suppl 1, S124-31	2.6	11
48	Childhood BMI and Fasting Glucose and Insulin Predict Adult Type 2 Diabetes: The International Childhood Cardiovascular Cohort (i3C) Consortium. <i>Diabetes Care</i> , 2020 , 43, 2821-2829	14.6	11
47	The Impact of Concomitant Left Ventricular Non-compaction with Congenital Heart Disease on Perioperative Outcomes. <i>Pediatric Cardiology</i> , 2016 , 37, 1307-12	2.1	11
46	Infant Growth and Long-term Cardiometabolic Health: a Review of Recent Findings. <i>Current Nutrition Reports</i> , 2019 , 8, 29-41	6	10
45	Longitudinal Development of Infant Complementary Diet Diversity in 3 International Cohorts. <i>Journal of Pediatrics</i> , 2015 , 167, 969-74.e1	3.6	10
44	Childhood/Adolescent Smoking and Adult Smoking and Cessation: The International Childhood Cardiovascular Cohort (i3C) Consortium. <i>Journal of the American Heart Association</i> , 2020 , 9, e014381	6	10
43	Parental intuitive eating behaviors and their association with infant feeding styles among low-income families. <i>Eating Behaviors</i> , 2019 , 32, 78-84	3	9
42	Factor structure of the Intuitive Eating Scale-2 among a low-income and racial minority population. <i>Appetite</i> , 2019 , 142, 104390	4.5	9
41	Utility of Echocardiography in the Assessment of Left Ventricular Diastolic Function and Restrictive Physiology in Children and Young Adults with Restrictive Cardiomyopathy: A Comparative Echocardiography-Catheterization Study. <i>Pediatric Cardiology</i> , 2017 , 38, 381-389	2.1	9
40	Genetic architecture of lipid traits changes over time and differs by race: Princeton Lipid Follow-up Study. <i>Journal of Lipid Research</i> , 2014 , 55, 1515-24	6.3	9
39	Within- and between-individual variation in nutrient intake in children and adolescents. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2014 , 114, 1749-58.e5	3.9	9
38	Evidence of shared genetic effects between pre- and postobesity epidemic BMI levels. <i>Obesity</i> , 2010 , 18, 1378-82	8	9
37	Stability of adolescent body mass index during three years of follow-up. <i>Journal of Pediatrics</i> , 2007 , 151, 383-7	3.6	9
36	Prevalence of abnormal glucose metabolism in pediatric acute, acute recurrent and chronic pancreatitis. <i>PLoS ONE</i> , 2018 , 13, e0204979	3.7	9
35	Predicting overweight and obesity in young adulthood from childhood body-mass index: comparison of cutoffs derived from longitudinal and cross-sectional data. <i>The Lancet Child and Adolescent Health</i> , 2019 , 3, 795-802	14.5	8
34	Assessing adiposity using BMI z-Score in children with severe obesity. <i>Obesity</i> , 2017 , 25, 662	8	7
33	Congenital heart disease and the prevalence of underweight and obesity from age 1 to 15 years: data on a nationwide sample of children. <i>BMJ Paediatrics Open</i> , 2017 , 1, e000127	2.4	7
32	Adolescent and young adult female determinants of visceral adipose tissue at ages 26-28 years. <i>Journal of Pediatrics</i> , 2015 , 166, 936-46.e1-3	3.6	6

31	Infant Weight and Length Growth Trajectories Modeled Using Superimposition by Translation and Rotation Are Differentially Associated with Body Composition Components at 3 and 7 Years of Age. <i>Journal of Pediatrics</i> , 2018 , 196, 182-188.e1	3.6	6
30	The Preconception Period analysis of Risks and Exposures Influencing health and Development (PrePARED) consortium. <i>Paediatric and Perinatal Epidemiology</i> , 2019 , 33, 490-502	2.7	6
29	Suboptimal Clinical Documentation in Young Children with Severe Obesity at Tertiary Care Centers. <i>International Journal of Pediatrics (United Kingdom)</i> , 2016 , 2016, 4068582	2.1	6
28	Long-Term Burden of Increased Body Mass Index from Childhood on Adult Dyslipidemia: The i3C Consortium Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
27	Adiponectin receptor 1 variants associated with lower insulin resistance in African Americans. <i>Obesity</i> , 2007 , 15, 1903-7	8	5
26	Longitudinal Assessment of Sleep Trajectories during Early Childhood and Their Association with Obesity. <i>Childhood Obesity</i> , 2020 , 16, 211-217	2.5	5
25	Tefillin use induces remote ischemic preconditioning pathways in healthy men. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H1748-H1758	5.2	5
24	Standardization of amniotic fluid leptin levels and utility in maternal overweight and fetal undergrowth. <i>Journal of Perinatology</i> , 2015 , 35, 547-52	3.1	4
23	Comparison of false-discovery rate for genome-wide and fine mapping regions. <i>BMC Proceedings</i> , 2007 , 1 Suppl 1, S148	2.3	4
22	Probenecid Improves Cardiac Function in Subjects with a Fontan Circulation and Augments Cardiomyocyte Calcium Homeostasis. <i>Pediatric Cardiology</i> , 2020 , 41, 1675-1688	2.1	4
21	Clinical Characteristics, Respiratory Mechanics, and Outcomes in Critically Ill Individuals With COVID-19 Infection in an Underserved Urban Population. <i>Respiratory Care</i> , 2021 , 66, 897-908	2.1	4
20	Child Physical Activity Associations With Cardiovascular Risk Factors Differ by Race. <i>Pediatric Exercise Science</i> , 2016 , 28, 397-406	2	3
19	Novel variations in the adiponectin gene (ADIPOQ) may affect distribution of oligomeric complexes. <i>SpringerPlus</i> , 2012 , 1, 66		3
18	Obesity during childhood is associated with higher cancer mortality rate during adulthood: the i3C Consortium. <i>International Journal of Obesity</i> , 2021 ,	5.5	3
17	Severe Obesity in Children May Not Pose Independent Risk for Influenza Complications. <i>Journal of Pediatric Nursing</i> , 2018 , 42, 21-24	2.2	3
16	Changes in Eating Behaviors of Children with Obesity in Response to Carbohydrate-Modified and Portion-Controlled Diets. <i>Childhood Obesity</i> , 2017 , 13, 377-383	2.5	2
15	Prevalence Implications of the 2017 American Academy of Pediatrics Hypertension Guideline and Associations with Adult Hypertension. <i>Journal of Pediatrics</i> , 2021 ,	3.6	2
14	Racial Differences in the Influence of Risk Factors in Childhood on Left Ventricular Mass in Young Adulthood. <i>Journal of Pediatrics</i> , 2020 , 217, 152-157	3.6	2

13	Longitudinal changes in HDL-cholesterol concentration are associated with different risk factors in primiparous and nulliparous young women: The NHLBI Growth and Health Study (NGHS). <i>Journal of Clinical Lipidology</i> , 2021 , 15, 488-499	4.9	2
12	Longitudinal Diet Quality Trajectories Suggest Targets for Diet Improvement in Early Childhood. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2021 , 121, 1273-1283	3.9	1
11	Obese children in a community YMCA "Fun 2B Fit" program have a reduction in BMI Z-scores. <i>Clinical Pediatrics</i> , 2014 , 53, 698-700	1.2	1
10	Quantitative criteria for improving performance of buccal DNA for high-throughput genetic analysis. <i>BMC Genetics</i> , 2012 , 13, 75	2.6	1
9	Comparison of Economic Self-Sufficiency and Educational Attainment in Adults With Congenital Heart Disease Versus Siblings Without Heart Disease and to General Population. <i>American Journal of Cardiology</i> , 2020 , 135, 135-142	3	1
8	Cardiovascular risk factors before and during pregnancy: Does pregnancy unmask or initiate risk?. <i>Journal of Obstetrics and Gynaecology Research</i> , 2021 , 47, 3849-3856	1.9	1
7	In Memoriam for Gerald Berenson. <i>Hypertension</i> , 2019 , 73, 936-937	8.5	0
6	Low-Density Lipoprotein Cholesterol Trajectories and Prevalence of High Low-Density Lipoprotein Cholesterol Consistent With Heterozygous Familial Hypercholesterolemia in US Children. <i>JAMA Pediatrics</i> , 2021 , 175, 1071-1074	8.3	0
5	Body-mass index trajectories from childhood to mid-adulthood and their sociodemographic predictors: Evidence from the International Childhood Cardiovascular Cohort (i3C) Consortium. <i>EClinicalMedicine</i> , 2022 , 48, 101440	11.3	0
4	Diversity of complementary feeding in the first year of life differs by country: The Global Exploration of Human Milk Study (1015.3). <i>FASEB Journal</i> , 2014 , 28, 1015.3	0.9	
3	Sun exposure and vitamin D supplementation in relation to the vitamin D status of breastfeeding mothers and infants in the Global Exploration of Human Milk study (119.8). <i>FASEB Journal</i> , 2014 , 28, 119.8	0.9	
2	The total amino acid profile of human milk is stable over the first three months of lactation. <i>FASEB Journal</i> , 2012 , 26, 624.1	0.9	
1	Associations of mothers' source of feeding information with longitudinal trajectories of sugar-sweetened beverage intake, 100% juice intake and adiposity in early childhood. <i>Pediatric Obesity</i> , 2021 , 16, e12746	4.6	