Sheryl L Rifas-Shiman

List of Publications by Year in descending order

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136 papers 9,498 citations

53 h-index 94 g-index

136 all docs

136 docs citations

136 times ranked

11742 citing authors

#	Article	IF	CITATIONS
1	Maternal intake of vitamin D during pregnancy and risk of recurrent wheeze in children at 3 y of age. American Journal of Clinical Nutrition, 2007, 85, 788-795.	2.2	616
2	Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes. JAMA - Journal of the American Medical Association, 2019, 321, 1702.	3.8	344
3	Short Sleep Duration in Infancy and Risk of Childhood Overweight. JAMA Pediatrics, 2008, 162, 305.	3.6	317
4	Timing of Solid Food Introduction and Risk of Obesity in Preschool-Aged Children. Pediatrics, 2011, 127, e544-e551.	1.0	302
5	Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. PLoS Medicine, 2019, 16, e1002744.	3.9	291
6	Cohort Profile: Project Viva. International Journal of Epidemiology, 2015, 44, 37-48.	0.9	275
7	Dietary Quality during Pregnancy Varies by Maternal Characteristics in Project Viva: A US Cohort. Journal of the American Dietetic Association, 2009, 109, 1004-1011.	1.3	265
8	Association of Consumption of Fried Food Away From Home With Body Mass Index and Diet Quality in Older Children and Adolescents. Pediatrics, 2005, 116, e518-e524.	1.0	227
9	Delivery by caesarean section and risk of obesity in preschool age children: a prospective cohort study. Archives of Disease in Childhood, 2012, 97, 610-616.	1.0	226
10	Randomized Controlled Trial to Improve Primary Care to Prevent and Manage Childhood Obesity. JAMA Pediatrics, 2011, 165, 714.	3 . 6	223
11	Cord Blood Leptin and Adiponectin as Predictors of Adiposity in Children at 3 Years of Age: A Prospective Cohort Study. Pediatrics, 2009, 123, 682-689.	1.0	215
12	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. Human Molecular Genetics, 2017, 26, 4067-4085.	1.4	211
13	Prenatal fatty acid status and child adiposity at age 3 y: results from a US pregnancy cohort. American Journal of Clinical Nutrition, 2011, 93, 780-788.	2.2	204
14	Intrauterine Exposure to Gestational Diabetes, Child Adiposity, and Blood Pressure. American Journal of Hypertension, 2009, 22, 215-220.	1.0	187
15	Infant Feeding and Childhood Cognition at Ages 3 and 7 Years. JAMA Pediatrics, 2013, 167, 836.	3.3	173
16	Maternal age and other predictors of newborn blood pressure. Journal of Pediatrics, 2004, 144, 240-245.	0.9	172
17	Diet during early pregnancy and development of gestational diabetes. Paediatric and Perinatal Epidemiology, 2008, 22, 47-59.	0.8	172
18	PrimeScreen, a brief dietary screening tool: reproducibility and comparability with both a longer food frequency questionnaire and biomarkers. Public Health Nutrition, 2001, 4, 249-254.	1.1	165

#	Article	lF	Citations
19	Changes in dietary intake from the first to the second trimester of pregnancy. Paediatric and Perinatal Epidemiology, 2006, 20, 35-42.	0.8	155
20	Effects of Promoting Longer-term and Exclusive Breastfeeding on Adiposity and Insulin-like Growth Factor-I at Age 11.5 Years. JAMA - Journal of the American Medical Association, 2013, 309, 1005.	3.8	146
21	Maternal Gestational Diabetes Mellitus and Newborn DNA Methylation: Findings From the Pregnancy and Childhood Epigenetics Consortium. Diabetes Care, 2020, 43, 98-105.	4.3	145
22	Trends in Overweight from 1980 through 2001 among Preschoolâ€Aged Children Enrolled in a Health Maintenance Organization. Obesity, 2006, 14, 1107-1112.	1.5	137
23	Associations of Early Life Risk Factors With Infant Sleep Duration. Academic Pediatrics, 2010, 10, 187-193.	1.0	124
24	Associations of trimester-specific gestational weight gain with maternal adiposity and systolic blood pressure at 3 and 7 years postpartum. American Journal of Obstetrics and Gynecology, 2015, 212, 499.e1-499.e12.	0.7	124
25	Peanut, milk, and wheat intake during pregnancy is associated with reduced allergy and asthma in children. Journal of Allergy and Clinical Immunology, 2014, 133, 1373-1382.	1.5	121
26	Calibration of a semi-quantitative food frequency questionnaire in early pregnancy. Annals of Epidemiology, 2004, 14, 754-762.	0.9	120
27	Early Child Care and Adiposity at Ages 1 and 3 Years. Pediatrics, 2009, 124, 555-562.	1.0	120
28	Sociodemographic and Perinatal Predictors of Early Pregnancy Per- and Polyfluoroalkyl Substance (PFAS) Concentrations. Environmental Science & Early Technology, 2015, 49, 11849-11858.	4.6	118
29	Association of Fewer Hours of Sleep at 6 Months Postpartum with Substantial Weight Retention at 1 Year Postpartum. American Journal of Epidemiology, 2007, 167, 178-187.	1.6	117
30	Correlations among adiposity measures in school-aged children. BMC Pediatrics, 2013, 13, 99.	0.7	114
31	Chronotype, Social Jet Lag, and Cardiometabolic Risk Factors in Early Adolescence. JAMA Pediatrics, 2019, 173, 1049.	3.3	109
32	Vitamin D deficiency in pregnancy and gestational diabetes mellitus. American Journal of Obstetrics and Gynecology, 2012, 207, 182.e1-182.e8.	0.7	102
33	Peanut allergy prevalence among school-age children in a US cohort not selected for any disease. Journal of Allergy and Clinical Immunology, 2014, 134, 753-755.	1.5	96
34	Chronic Sleep Curtailment and Adiposity. Pediatrics, 2014, 133, 1013-1022.	1.0	94
35	Plasma 25-hydroxyvitamin D during pregnancy and small-for-gestational age in black and white infants. Annals of Epidemiology, 2012, 22, 581-586.	0.9	87
36	Maternal dietary pattern during pregnancy is not associated with recurrent wheeze in children. Journal of Allergy and Clinical Immunology, 2010, 126, 250-255.e4.	1.5	76

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37	Early Weight Gain, Linear Growth, and Mid-Childhood Blood Pressure. Hypertension, 2016, 67, 301-308.	1.3	76
38	Effects of Promoting Long-term, Exclusive Breastfeeding on Adolescent Adiposity, Blood Pressure, and Growth Trajectories. JAMA Pediatrics, 2017, 171, e170698.	3.3	75
39	Misperceived pre-pregnancy body weight status predicts excessive gestational weight gain: findings from a US cohort study. BMC Pregnancy and Childbirth, 2008, 8, 54.	0.9	74
40	Predictors of Per- and Polyfluoroalkyl Substance (PFAS) Plasma Concentrations in 6–10 Year Old American Children. Environmental Science & Environme	4.6	74
41	Gestational weight gain charts for different body mass index groups for women in Europe, North America, and Oceania. BMC Medicine, 2018, 16, 201.	2.3	74
42	Hypertensive Disorders of Pregnancy and DNA Methylation in Newborns. Hypertension, 2019, 74, 375-383.	1.3	73
43	Objective Sleep Characteristics and Cardiometabolic Health in Young Adolescents. Pediatrics, 2018, 142, .	1.0	69
44	Decreasing Prevalence of Obesity Among Young Children in Massachusetts From 2004 to 2008. Pediatrics, 2012, 129, 823-831.	1.0	68
45	Specific IgG 4 antibodies to cow's milk proteins in pediatric patients with eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2018, 142, 139-148.e12.	1.5	68
46	Prospective Association between Milk Intake and Adiposity in Preschool-Aged Children. Journal of the American Dietetic Association, 2010, 110, 563-570.	1.3	66
47	Prenatal and childhood traffic-related air pollution exposure and childhood executive function and behavior. Neurotoxicology and Teratology, 2016, 57, 60-70.	1.2	65
48	Greater early and midâ€pregnancy gestational weight gains are associated with excess adiposity in midâ€childhood. Obesity, 2016, 24, 1546-1553.	1.5	62
49	Birth weight-for-gestational age is associated with DNA methylation at birth and in childhood. Clinical Epigenetics, $2016, 8, 118$.	1.8	61
50	Early Antibiotic Exposure and Weight Outcomes in Young Children. Pediatrics, 2018, 142, .	1.0	59
51	Prenatal, perinatal, and childhood vitamin D exposure and their association with childhood allergic rhinitis and allergic sensitization. Journal of Allergy and Clinical Immunology, 2016, 137, 1063-1070.e2.	1.5	58
52	Maternal alcohol consumption and offspring DNA methylation: findings from six general population-based birth cohorts. Epigenomics, 2018, 10, 27-42.	1.0	58
53	Birth Size, Early Life Weight Gain, and Midchildhood CardiometabolicÂHealth. Journal of Pediatrics, 2016, 173, 122-130.e1.	0.9	57
54	Beverage Intake During Pregnancy and Childhood Adiposity. Pediatrics, 2017, 140, .	1.0	57

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55	Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births. PLoS Medicine, 2020, 17, e1003182.	3.9	54
56	Prospective Study of Insufficient Sleep and Neurobehavioral Functioning Among School-Age Children. Academic Pediatrics, 2017, 17, 625-632.	1.0	51
57	Vitamin D status and hypertensive disorders in pregnancy. Annals of Epidemiology, 2014, 24, 399-403.e1.	0.9	50
58	Gestational Glucose Tolerance and Cord Blood Leptin Levels Predict Slower Weight Gain in Early Infancy. Journal of Pediatrics, 2011, 158, 227-233.	0.9	47
59	Fish Intake in Pregnancy and Child Growth. JAMA Pediatrics, 2016, 170, 381.	3.3	43
60	Neighborhood Child Opportunity Index and Adolescent Cardiometabolic Risk. Pediatrics, 2021, 147, .	1.0	43
61	The association of urbanicity with infant sleep duration. Health and Place, 2012, 18, 1000-1005.	1.5	42
62	Chronic insufficient sleep and diet quality: Contributors to childhood obesity. Obesity, 2016, 24, 184-190.	1.5	42
63	Cholesterol Testing Among Children and Adolescents During Health Visits. JAMA - Journal of the American Medical Association, 2014, 311, 1804.	3.8	41
64	Maternal smoking during pregnancy and offspring overweight: is there a dose–response relationship? An individual patient data meta-analysis. International Journal of Obesity, 2018, 42, 1249-1264.	1.6	41
65	DNA methylation and body mass index from birth to adolescence: meta-analyses of epigenome-wide association studies. Genome Medicine, 2020, 12, 105.	3.6	41
66	Associations of Prenatal and Postnatal Maternal Depressive Symptoms with Offspring Cognition and Behavior in Mid-Childhood: A Prospective Cohort Study. International Journal of Environmental Research and Public Health, 2019, 16, 1007.	1.2	40
67	First and second trimester gestational weight gains are most strongly associated with cord blood levels of hormones at delivery important for glycemic control and somatic growth. Metabolism: Clinical and Experimental, 2017, 69, 112-119.	1.5	38
68	Timing of Complementary Feeding Introduction and Adiposity Throughout Childhood. Pediatrics, 2019, 144, .	1.0	38
69	Breastfeeding during infancy and neurocognitive function in adolescence: 16-year follow-up of the PROBIT cluster-randomized trial. PLoS Medicine, 2018, 15, e1002554.	3.9	37
70	Dietary patterns and PFAS plasma concentrations in childhood: Project Viva, USA. Environment International, 2021, 151, 106415.	4.8	37
71	Pre-, Perinatal, and Parental Predictors of Body Mass Index Trajectory Milestones. Journal of Pediatrics, 2018, 201, 69-77.e8.	0.9	36
72	Similarity of the CDC and WHO Weight-for-Length Growth Charts in Predicting Risk of Obesity at Age 5 Years. Obesity, 2012, 20, 1261-1265.	1.5	35

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73	Association of Weight for Length vs Body Mass Index During the First 2 Years of Life With Cardiometabolic Risk in Early Adolescence. JAMA Network Open, 2018, 1, e182460.	2.8	35
74	Prenatal oxidative balance and risk of asthma and allergic disease in adolescence. Journal of Allergy and Clinical Immunology, 2019, 144, 1534-1541.e5.	1.5	33
75	Food Environments and Childhood Weight Status: Effects of Neighborhood Median Income. Childhood Obesity, 2015, 11, 260-268.	0.8	32
76	Maternal trans fatty acid intake and fetal growth. American Journal of Clinical Nutrition, 2011, 94, 1241-1247.	2.2	31
77	Associations of Per- and Polyfluoroalkyl Substances (PFAS) With Glucose Tolerance During Pregnancy in Project Viva. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2864-e2876.	1.8	29
78	Prospective Associations of Early Pregnancy Metal Mixtures with Mitochondria DNA Copy Number and Telomere Length in Maternal and Cord Blood. Environmental Health Perspectives, 2021, 129, 117007.	2.8	28
79	Maternal Calcium Intake During Pregnancy and Blood Pressure in the Offspring at Age 3 Years: A Follow-up Analysis of the Project Viva Cohort. American Journal of Epidemiology, 2008, 168, 1374-1380.	1.6	27
80	Body composition and bone mineral density in childhood. Bone, 2019, 121, 9-15.	1.4	27
81	Maternal diet quality during pregnancy and child cognition and behavior in a US cohort. American Journal of Clinical Nutrition, 2022, 115, 128-141.	2.2	27
82	Twoâ€year followâ€up of a primary careâ€based intervention to prevent and manage childhood obesity: the High Five for Kids study. Pediatric Obesity, 2017, 12, e24-e27.	1.4	26
83	Maternal diet and cord blood leptin and adiponectin concentrations at birth. Clinical Nutrition, 2010, 29, 622-626.	2.3	24
84	Sex-Specific Associations of Maternal Gestational Glycemia with Hormones in Umbilical Cord Blood at Delivery. American Journal of Perinatology, 2016, 33, 1273-1281.	0.6	24
85	Maternal anxiety during pregnancy and newborn epigenome-wide DNA methylation. Molecular Psychiatry, 2021, 26, 1832-1845.	4.1	24
86	Maternal diet in pregnancy is associated with differences in child body mass index trajectories from birth to adolescence. American Journal of Clinical Nutrition, 2021, 113, 895-904.	2.2	24
87	Maternal antibiotic use during pregnancy and childhood obesity at age 5 years. International Journal of Obesity, 2019, 43, 1202-1209.	1.6	23
88	Associations of prenatal or infant exposure to acetaminophen or ibuprofen with midâ€childhood executive function and behaviour. Paediatric and Perinatal Epidemiology, 2020, 34, 287-298.	0.8	22
89	Diet and erythrocyte metal concentrations in early pregnancyâ€"cross-sectional analysis in Project Viva. American Journal of Clinical Nutrition, 2021, 114, 540-549.	2.2	20
90	Prenatal metal exposure, cord blood DNA methylation and persistence in childhood: an epigenome-wide association study of 12 metals. Clinical Epigenetics, 2021, 13, 208.	1.8	20

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91	Relation of Prenatal Air Pollutant and Nutritional Exposures with Biomarkers of Allergic Disease in Adolescence. Scientific Reports, 2018, 8, 10578.	1.6	19
92	Patterns of Complementary Feeding Behaviors Predict Diet Quality in Early Childhood. Nutrients, 2020, 12, 810.	1.7	19
93	Cord blood DNA methylation and adiposity measures in early and mid-childhood. Clinical Epigenetics, 2017, 9, 86.	1.8	18
94	Exploring the Role of Family Functioning in the Association Between Frequency of Family Dinners and Dietary Intake Among Adolescents and Young Adults. JAMA Network Open, 2018, 1, e185217.	2.8	18
95	Associations of Maternal Material Hardships During Childhood and Adulthood with Prepregnancy Weight, Gestational Weight Gain, and Postpartum Weight Retention. Journal of Women's Health, 2015, 24, 563-571.	1.5	17
96	Associations of acetaminophen use during pregnancy and the first year of life with neurodevelopment in early childhood. Paediatric and Perinatal Epidemiology, 2020, 34, 267-277.	0.8	17
97	Maternal intake of pesticide residues from fruits and vegetables in relation to fetal growth. Environment International, 2018, 119, 421-428.	4.8	16
98	Paternal body mass index and offspring DNA methylation: findings from the PACE consortium. International Journal of Epidemiology, 2021, 50, 1297-1315.	0.9	16
99	Do Women Know Their Prepregnancy Weight?. Obesity, 2019, 27, 1161-1167.	1.5	15
100	Weight Trajectories After Delivery are Associated with Adiposity and Cardiometabolic Markers at 3 Years Postpartum Among Women in Project Viva. Journal of Nutrition, 2020, 150, 1889-1898.	1.3	14
101	Maternal experiences of racial discrimination and offspring sleep in the first 2 years of life: Project Viva cohort, Massachusetts, USA (1999–2002). Sleep Health, 2020, 6, 463-468.	1.3	13
102	Early pregnancy essential and non-essential metal mixtures and gestational glucose concentrations in the 2nd trimester: Results from project viva. Environment International, 2021, 155, 106690.	4.8	13
103	Longitudinal associations of modifiable risk factors in the first 1000 days with weight status and metabolic risk in early adolescence. American Journal of Clinical Nutrition, 2021, 113, 113-122.	2.2	12
104	Detecting differentially methylated regions with multiple distinct associations. Epigenomics, 2021, 13, 451-464.	1.0	12
105	Plasma Concentrations of Per- and Polyfluoroalkyl Substances and Body Composition From Mid-Childhood to Early Adolescence. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e3760-e3770.	1.8	12
106	Longitudinal associations of fruit juice intake in infancy with DXA-measured abdominal adiposity in mid-childhood and early adolescence. American Journal of Clinical Nutrition, 2021, 114, 117-123.	2.2	12
107	Associations of <scp>DXA</scp> â€measured abdominal adiposity with cardioâ€metabolic risk and related markers in early adolescence in Project Viva. Pediatric Obesity, 2021, 16, e12704.	1.4	11
108	Current child, but not maternal, snoring is bi-directionally related to adiposity and cardiometabolic risk markers: A cross-sectional and a prospective cohort analysis. Metabolism: Clinical and Experimental, 2017, 76, 70-80.	1.5	10

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109	Privacy-protecting multivariable-adjusted distributed regression analysis for multi-center pediatric study. Pediatric Research, 2020, 87, 1086-1092.	1.1	10
110	Residential PM2.5 exposure and the nasal methylome in children. Environment International, 2021, 153, 106505.	4.8	10
111	Obesity, sedentary lifestyle, and exhaled nitric oxide in an early adolescent cohort. Pediatric Pulmonology, 2020, 55, 503-509.	1.0	9
112	Dietary fat intake during early pregnancy is associated with cord blood DNA methylation at <i>IGF2</i> and <i>H19</i> genes in newborns. Environmental and Molecular Mutagenesis, 2021, 62, 388-398.	0.9	9
113	Early Life Antibiotic Prescriptions and Weight Outcomes in Children 10 Years of Age. Academic Pediatrics, 2021, 21, 297-303.	1.0	8
114	Maternal Mediterranean diet in pregnancy and newborn DNA methylation: a meta-analysis in the PACE Consortium. Epigenetics, 2022, 17, 1419-1431.	1.3	8
115	Analysis of Maternal Prenatal Weight and Offspring Cognition and Behavior: Results From the Promotion of Breastfeeding Intervention Trial (PROBIT) Cohort. JAMA Network Open, 2021, 4, e2121429.	2.8	7
116	Associations of maternal non-nutritive sweetener intake during pregnancy with offspring body mass index and body fat from birth to adolescence. International Journal of Obesity, 2021, , .	1.6	7
117	Associations of Early Parental Concerns and Feeding Behaviors with Child's Diet Quality through Mid-Childhood. Nutrients, 2020, 12, 3231.	1.7	6
118	Effects of intergenerational exposure interventions on adolescent outcomes: An application of inverse probability weighting to longitudinal preâ€birth cohort data. Paediatric and Perinatal Epidemiology, 2020, 34, 366-375.	0.8	6
119	Association of cow's milk intake in early childhood with adiposity and cardiometabolic risk in early adolescence. American Journal of Clinical Nutrition, 2022, 116, 561-571.	2.2	6
120	Maternal religion and breastfeeding intention and practice in the US Project Viva cohort. Birth, 2020, 47, 191-201.	1.1	5
121	Delivery by caesarean section and offspring adiposity and cardioâ€metabolic health at ages 6.5, 11.5 and 16 years: results from the PROBIT cohort in Belarus. Pediatric Obesity, 2021, 16, e12783.	1.4	5
122	Maternal Midpregnancy Leptin and Adiponectin Levels as Predictors of Autism Spectrum Disorders: A Prenatal Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4118-e4127.	1.8	5
123	Association of mode of delivery with offspring pubertal development in Project Viva: a prospective pre-birth cohort study in the USA. Human Reproduction, 2021, 37, 54-65.	0.4	5
124	BWHealthy Weight Pilot Study: A randomized controlled trial to improve weight-loss maintenance using deposit contracts in the workplace. Preventive Medicine Reports, 2020, 17, 101061.	0.8	3
125	Association of Mode of Obstetric Delivery With Child and Adolescent Body Composition. JAMA Network Open, 2021, 4, e2125161.	2.8	3
126	Self-Reported Total Screen Time and Viewing Modes Are Associated with Body Dissatisfaction, Disordered Eating, and Cosmetic Surgery Intentions among Young Adults. Nutrients, 2022, 14, 2027.	1.7	3

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127	History of infertility and long-term weight, body composition, and blood pressure among women in Project Viva. Annals of Epidemiology, 2022, 74, 43-50.	0.9	2
128	Function-on-function regression for the identification of epigenetic regions exhibiting windows of susceptibility to environmental exposures. Annals of Applied Statistics, $2021,15,.$	0.5	1
129	Genetic Interactions with Intrauterine Diabetes Exposure in Relation to Obesity: The EPOCH and Project Viva Studies. Pediatric Reports, 2021, 13, 279-288.	0.5	0
130	Title is missing!. , 2020, 17, e1003182.		0
131	Title is missing!. , 2020, 17, e1003182.		0
132	Title is missing!. , 2020, 17, e1003182.		0
133	Title is missing!. , 2020, 17, e1003182.		0
134	Title is missing!. , 2020, 17, e1003182.		0
135	Title is missing!. , 2020, 17, e1003182.		0
136	Lifetime Exposure to Traffic-Related Pollution and Lung Function in Early Adolescence. Annals of the American Thoracic Society, 2022, , .	1.5	О