

Rae-Chi Huang

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

4,031
citations

94269

37
h-index

123241

61
g-index

72
all docs

72
docs citations

72
times ranked

7422
citing authors

#	ARTICLE	IF	CITATIONS
1	Adiposity associated DNA methylation signatures in adolescents are related to leptin and perinatal factors. <i>Epigenetics</i> , 2022, 17, 819-836.	1.3	10
2	Maternal haemoglobin levels in pregnancy and child DNA methylation: a study in the pregnancy and childhood epigenetics consortium. <i>Epigenetics</i> , 2022, 17, 19-31.	1.3	3
3	Identifying young adults at high risk of cardiometabolic disease using cluster analysis and the Framingham 30-yr risk score. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 429-435.	1.1	4
4	Epigenome-Wide Association Study of Thyroid Function Traits Identifies Novel Associations of FT3 With <i>KLF9</i> and <i>DOT1L</i> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e2191-e2202.	1.8	14
5	The EU Child Cohort Network's core data: establishing a set of findable, accessible, interoperable and re-usable (FAIR) variables. <i>European Journal of Epidemiology</i> , 2021, 36, 565-580.	2.5	24
6	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	9.4	218
7	Feasibility of conducting an early pregnancy diet and lifestyle e-health intervention: the Pregnancy Lifestyle Activity Nutrition (PLAN) project. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 58-70.	0.7	12
8	ApoB48-Lipoproteins Are Associated with Cardiometabolic Risk in Adolescents with and without Polycystic Ovary Syndrome. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa061.	0.1	9
9	The LifeCycle Project-EU Child Cohort Network: a federated analysis infrastructure and harmonized data of more than 250,000 children and parents. <i>European Journal of Epidemiology</i> , 2020, 35, 709-724.	2.5	81
10	Association between remnant lipoprotein cholesterol levels and non-alcoholic fatty liver disease in adolescents. <i>JHEP Reports</i> , 2020, 2, 100150.	2.6	20
11	Methylome-wide association study of central adiposity implicates genes involved in immune and endocrine systems. <i>Epigenomics</i> , 2020, 12, 1483-1499.	1.0	6
12	ApoB48-remnant lipoproteins are associated with increased cardiometabolic risk in adolescents. <i>Atherosclerosis</i> , 2020, 302, 20-26.	0.4	12
13	Epigenome-wide meta-analysis of blood DNA methylation in newborns and children identifies numerous loci related to gestational age. <i>Genome Medicine</i> , 2020, 12, 25.	3.6	81
14	Evaluating Engagement in a Digital and Dietetic Intervention Promoting Healthy Weight Gain in Pregnancy: Mixed Methods Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e17845.	2.1	8
15	Maternal Smoking During Pregnancy Induces Persistent Epigenetic Changes Into Adolescence, Independent of Postnatal Smoke Exposure and Is Associated With Cardiometabolic Risk. <i>Frontiers in Genetics</i> , 2019, 10, 770.	1.1	75
16	In Epigenomic Studies, Including Cell-Type Adjustments in Regression Models Can Introduce Multicollinearity, Resulting in Apparent Reversal of Direction of Association. <i>Frontiers in Genetics</i> , 2019, 10, 816.	1.1	20
17	Epigenome-wide meta-analysis of DNA methylation and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2062-2074.	1.5	147
18	Epigenetic Age Acceleration in Adolescence Associates With BMI, Inflammation, and Risk Score for Middle Age Cardiovascular Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3012-3024.	1.8	53

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19	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019, 10, 1893.	5.8	140
20	Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. <i>PLoS Medicine</i> , 2019, 16, e1002744.	3.9	291
21	Differential SLC6A4 methylation: a predictive epigenetic marker of adiposity from birth to adulthood. <i>International Journal of Obesity</i> , 2019, 43, 974-988.	1.6	19
22	Dietary patterns, body mass index and inflammation: Pathways to depression and mental health problems in adolescents. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 428-439.	2.0	105
23	Cohort Profile: Pregnancy And Childhood Epigenetics (PACE) Consortium. <i>International Journal of Epidemiology</i> , 2018, 47, 22-23u.	0.9	105
24	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. <i>EBioMedicine</i> , 2018, 38, 206-216.	2.7	43
25	Age at menarche and childhood body mass index as predictors of cardio-metabolic risk in young adulthood: A prospective cohort study. <i>PLoS ONE</i> , 2018, 13, e0209355.	1.1	12
26	ANRIL Promoter DNA Methylation: A Perinatal Marker for Later Adiposity. <i>EBioMedicine</i> , 2017, 19, 60-72.	2.7	65
27	Maternal BMI at the start of pregnancy and offspring epigenome-wide DNA methylation: findings from the pregnancy and childhood epigenetics (PACE) consortium. <i>Human Molecular Genetics</i> , 2017, 26, 4067-4085.	1.4	211
28	Is cellular heterogeneity merely a confounder to be removed from epigenome-wide association studies?. <i>Epigenomics</i> , 2017, 9, 1143-1150.	1.0	42
29	Effects of prenatal n-3 fatty acid supplementation on offspring resolvins at birth and 12 years of age: a double-blind, randomised controlled clinical trial. <i>British Journal of Nutrition</i> , 2017, 118, 971-980.	1.2	30
30	Infant feeding and growth trajectory patterns in childhood and body composition in young adulthood. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 568-580.	2.2	72
31	n-3 Fatty Acid Supplementation and Leukocyte Telomere Length in Patients with Chronic Kidney Disease. <i>Nutrients</i> , 2016, 8, 175.	1.7	32
32	Developmental Trajectories of Sleep Problems from Childhood to Adolescence Both Predict and Are Predicted by Emotional and Behavioral Problems. <i>Frontiers in Psychology</i> , 2016, 7, 1874.	1.1	78
33	Serum 25-hydroxyvitamin D concentrations and cardiometabolic risk factors in adolescents and young adults. <i>British Journal of Nutrition</i> , 2016, 115, 1994-2002.	1.2	18
34	A randomized controlled trial of the effects of n-3 fatty acids on resolvins in chronic kidney disease. <i>Clinical Nutrition</i> , 2016, 35, 331-336.	2.3	55
35	Lipidomics Reveals Associations of Phospholipids With Obesity and Insulin Resistance in Young Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 871-879.	1.8	132
36	Lifecourse Adiposity and Blood Pressure Between Birth and 17 Years Old. <i>American Journal of Hypertension</i> , 2015, 28, 1056-1063.	1.0	56

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37	Clinical cardiovascular risk during young adulthood in offspring of hypertensive pregnancies: insights from a 20-year prospective follow-up birth cohort. <i>BMJ Open</i> , 2015, 5, e008136.	0.8	103
38	Identification of a dietary pattern prospectively associated with bone mass in Australian young adults. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1035-1043.	2.2	25
39	Identification of a dietary pattern associated with greater cardiometabolic risk in adolescence. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 643-650.	1.1	65
40	Low serum 25-hydroxyvitamin D concentrations associate with nonalcoholic fatty liver disease in adolescents independent of adiposity. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014, 29, 1215-1222.	1.4	54
41	Early Infant Feeding and Adiposity Risk: From Infancy to Adulthood. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 262-270.	1.0	108
42	Nutritional Influences on Epigenetic Programming. <i>Immunology and Allergy Clinics of North America</i> , 2014, 34, 825-837.	0.7	27
43	Preeclampsia and cardiovascular disease share genetic risk factors on chromosome 2q22. <i>Pregnancy Hypertension</i> , 2014, 4, 178-185.	0.6	14
44	Supplementation with N-3 Long-Chain Polyunsaturated Fatty Acids or Olive Oil in Men and Women with Renal Disease Induces Differential Changes in the DNA Methylation of FADS2 and ELOVL5 in Peripheral Blood Mononuclear Cells. <i>PLoS ONE</i> , 2014, 9, e109896.	1.1	93
45	Gender Difference in the Relationship between Passive Smoking Exposure and HDL-Cholesterol Levels in Late Adolescence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 2126-2135.	1.8	36
46	Effects of early-life environment and epigenetics on cardiovascular disease risk in children: highlighting the role of twin studies. <i>Pediatric Research</i> , 2013, 73, 523-530.	1.1	83
47	Oral contraceptive use in girls and alcohol consumption in boys are associated with increased blood pressure in late adolescence. <i>European Journal of Preventive Cardiology</i> , 2013, 20, 947-955.	0.8	41
48	Prospective associations between sugar-sweetened beverage intakes and cardiometabolic risk factors in adolescents. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 327-334.	2.2	148
49	Importance of cardiometabolic risk factors in the association between nonalcoholic fatty liver disease and arterial stiffness in adolescents. <i>Hepatology</i> , 2013, 58, 1306-1314.	3.6	68
50	Sex Dimorphism in the Relation between Early Adiposity and Cardiometabolic Risk in Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1014-E1022.	1.8	48
51	Polyunsaturated fatty acid intake and blood pressure in adolescents. <i>Journal of Human Hypertension</i> , 2012, 26, 178-187.	1.0	25
52	Early life programming of cardiometabolic disease in the Western Australian pregnancy cohort (Raine) study. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 973-978.	0.9	26
53	Low intake of B-vitamins is associated with poor adolescent mental health and behaviour. <i>Preventive Medicine</i> , 2012, 55, 634-638.	1.6	48
54	DNA methylation of the IGF2/H19 imprinting control region and adiposity distribution in young adults. <i>Clinical Epigenetics</i> , 2012, 4, 21.	1.8	74

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55	Extent of metabolic risk in adolescent girls with features of polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2011, 95, 2347-2353.e1.	0.5	64
56	Differential relationships between anthropometry measures and cardiovascular risk factors in boys and girls. <i>Pediatric Obesity</i> , 2011, 6, e271-e282.	3.2	15
57	Lifecourse Childhood Adiposity Trajectories Associated With Adolescent Insulin Resistance. <i>Diabetes Care</i> , 2011, 34, 1019-1025.	4.3	92
58	Dietary glycaemic carbohydrate in relation to the metabolic syndrome in adolescents: comparison of different metabolic syndrome definitions. <i>Diabetic Medicine</i> , 2010, 27, 770-778.	1.2	24
59	Dietary patterns and markers for the metabolic syndrome in Australian adolescents. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 274-283.	1.1	132
60	Childhood obesity in Australia remains a widespread health concern that warrants population-wide prevention programs. <i>Medical Journal of Australia</i> , 2009, 191, 45-47.	0.8	5
61	Synergy Between Adiposity, Insulin Resistance, Metabolic Risk Factors, and Inflammation in Adolescents. <i>Diabetes Care</i> , 2009, 32, 695-701.	4.3	77
62	CHILDHOOD OBESITY, HYPERTENSION, THE METABOLIC SYNDROME AND ADULT CARDIOVASCULAR DISEASE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 409-411.	0.9	44
63	Perinatal and childhood origins of cardiovascular disease. <i>International Journal of Obesity</i> , 2007, 31, 236-244.	1.6	110
64	P1-33 The influence of mental health in early childhood on cardiovascular risk factors at age 8 in the Western Australian Pregnancy Cohort (Raine) Study. <i>Early Human Development</i> , 2007, 83, S92.	0.8	0
65	Preterm birth a long distance from home and its significant social and financial stress. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2003, 43, 317-321.	0.4	5
66	Feed thickener for newborn infants with gastro-oesophageal reflux. <i>The Cochrane Library</i> , 2002, , CD003211.	1.5	24
67	Prevalence and pattern of childhood abdominal pain in an Australian general practice. <i>Journal of Paediatrics and Child Health</i> , 2000, 36, 349-353.	0.4	48