Liming Liang

List of Publications by Year
in descending order

188 papers	23,557 citations	31976 53 h-index	9589 142 g-index
192 all docs	192 docs citations	192 times ranked	34279 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	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
3	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	27.8	1,789
4	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
5	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	27.8	952
6	A genome-wide association study of global gene expression. Nature Genetics, 2007, 39, 1202-1207.	21.4	882
7	DNA methylation-based measures of biological age: meta-analysis predicting time to death. Aging, 2016, 8, 1844-1865.	3.1	786
8	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. Nature Genetics, 2011, 43, 887-892.	21.4	736
9	Epigenetic Signatures of Cigarette Smoking. Circulation: Cardiovascular Genetics, 2016, 9, 436-447.	5.1	678
10	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. Diabetes, 2017, 66, 2888-2902.	0.6	615
11	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	21.4	426
12	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	21.4	365
13	Epigenome-wide association study (EWAS) of BMI, BMI change and waist circumference in African American adults identifies multiple replicated loci. Human Molecular Genetics, 2015, 24, 4464-4479.	2.9	289
14	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403.	2.9	275
15	Association of Body Mass Index with DNA Methylation and Gene Expression in Blood Cells and Relations to Cardiometabolic Disease: A Mendelian Randomization Approach. PLoS Medicine, 2017, 14, e1002215.	8.4	246
16	Shared genetic and experimental links between obesity-related traits and asthma subtypes in UK Biobank. Journal of Allergy and Clinical Immunology, 2020, 145, 537-549.	2.9	240
17	Plasma Ceramides, Mediterranean Diet, and Incident Cardiovascular Disease in the PREDIMED Trial (Prevención con Dieta Mediterránea). Circulation, 2017, 135, 2028-2040.	1.6	227
18	Plasma Branched-Chain Amino Acids and Incident Cardiovascular Disease in the PREDIMED Trial. Clinical Chemistry, 2016, 62, 582-592.	3.2	203

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19	An epigenome-wide association study of total serum immunoglobulin E concentration. Nature, 2015, 520, 670-674.	27.8	193
20	A genome-wide cross-trait analysis from UK Biobank highlights the shared genetic architecture of asthma and allergic diseases. Nature Genetics, 2018, 50, 857-864.	21.4	191
21	Epigenome-Wide Association Study of Fasting Blood Lipids in the Genetics of Lipid-Lowering Drugs and Diet Network Study. Circulation, 2014, 130, 565-572.	1.6	190
22	Association of asthma and its genetic predisposition with the risk of severe COVID-19. Journal of Allergy and Clinical Immunology, 2020, 146, 327-329.e4.	2.9	174
23	Genome-wide association study identifies multiple susceptibility loci for diffuse large B cell lymphoma. Nature Genetics, 2014, 46, 1233-1238.	21.4	147
24	Epigenome-wide association studies identify DNA methylation associated with kidney function. Nature Communications, 2017, 8, 1286.	12.8	145
25	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. Human Molecular Genetics, 2014, 23, 6961-6972.	2.9	143
26	Genome-wide identification of DNA methylation QTLs in whole blood highlights pathways for cardiovascular disease. Nature Communications, 2019, 10, 4267.	12.8	139
27	Plasma Lipidomic Profiling and Risk of Type 2 Diabetes in the PREDIMED Trial. Diabetes Care, 2018, 41, 2617-2624.	8.6	138
28	The Mediterranean diet, plasma metabolome, and cardiovascular disease risk. European Heart Journal, 2020, 41, 2645-2656.	2.2	138
29	Improved Ancestry Estimation for both Genotyping and Sequencing Data using Projection Procrustes Analysis and Genotype Imputation. American Journal of Human Genetics, 2015, 96, 926-937.	6.2	137
30	A cross-platform analysis of 14,177 expression quantitative trait loci derived from lymphoblastoid cell lines. Genome Research, 2013, 23, 716-726.	5.5	135
31	Early Prediction of Developing Type 2 Diabetes by Plasma Acylcarnitines: A Population-Based Study. Diabetes Care, 2016, 39, 1563-1570.	8.6	132
32	The nasal methylome as a biomarker of asthma and airway inflammation in children. Nature Communications, 2019, 10, 3095.	12.8	129
33	B vitamins attenuate the epigenetic effects of ambient fine particles in a pilot human intervention trial. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3503-3508.	7.1	121
34	Perfluoroalkyl substances and changes in body weight and resting metabolic rate in response to weight-loss diets: A prospective study. PLoS Medicine, 2018, 15, e1002502.	8.4	117
35	Improving Phenotypic Prediction by Combining Genetic and Epigenetic Associations. American Journal of Human Genetics, 2015, 97, 75-85.	6.2	116
36	Predicting DNA methylation level across human tissues. Nucleic Acids Research, 2014, 42, 3515-3528.	14.5	113

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37	Comprehensive Metabolomic Profiling and Incident Cardiovascular Disease: A Systematic Review. Journal of the American Heart Association, 2017, 6, .	3.7	110
38	Shared genetics of asthma and mental health disorders: a large-scale genome-wide cross-trait analysis. European Respiratory Journal, 2019, 54, 1901507.	6.7	106
39	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. Human Molecular Genetics, 2015, 24, 1791-1800.	2.9	105
40	Epigenetic Patterns in Blood Associated With Lipid Traits Predict Incident Coronary Heart Disease Events and Are Enriched for Results From Genome-Wide Association Studies. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	104
41	Genome-wide Association Study Identifies Five Susceptibility Loci for Follicular Lymphoma outside the HLA Region. American Journal of Human Genetics, 2014, 95, 462-471.	6.2	96
42	Plasma Metabolites From Choline Pathway and Risk of Cardiovascular Disease in the PREDIMED (Prevention With Mediterranean Diet) Study. Journal of the American Heart Association, 2017, 6, .	3.7	95
43	Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. Nature Communications, 2016, 7, 10933.	12.8	94
44	Plasma branched chain/aromatic amino acids, enriched Mediterranean diet and risk of type 2 diabetes: case-cohort study within the PREDIMED Trial. Diabetologia, 2018, 61, 1560-1571.	6.3	89
45	A functional IL-6 receptor (IL6R) variant is a risk factor for persistent atopic dermatitis. Journal of Allergy and Clinical Immunology, 2013, 132, 371-377.	2.9	86
46	Plasma lipidomic profiles and cardiovascular events in a randomized intervention trial with the Mediterranean diet. American Journal of Clinical Nutrition, 2017, 106, 973-983.	4.7	79
47	Association of Tryptophan Metabolites with Incident Type 2 Diabetes in the PREDIMED Trial: A Case–Cohort Study. Clinical Chemistry, 2018, 64, 1211-1220.	3.2	76
48	Genetic overlap of chronic obstructive pulmonary disease and cardiovascular disease-related traits: a large-scale genome-wide cross-trait analysis. Respiratory Research, 2019, 20, 64.	3.6	73
49	Genome-Wide Analysis of DNA Methylation and Acute Coronary Syndrome. Circulation Research, 2017, 120, 1754-1767.	4.5	70
50	Extracellular microRNAs profile in human follicular fluid and IVF outcomes. Scientific Reports, 2018, 8, 17036.	3.3	64
51	Dietary Intakes and Circulating Concentrations of Branched-Chain Amino Acids in Relation to Incident Type 2 Diabetes Risk Among High-Risk Women with a History of Gestational Diabetes Mellitus. Clinical Chemistry, 2018, 64, 1203-1210.	3.2	64
52	Association of obesity and its genetic predisposition with the risk of severe COVID-19: Analysis of population-based cohort data. Metabolism: Clinical and Experimental, 2020, 112, 154345.	3.4	63
53	Exposure to Polycyclic Aromatic Hydrocarbons and Accelerated DNA Methylation Aging. Environmental Health Perspectives, 2018, 126, 067005.	6.0	62
54	Plasma Acylcarnitines and Risk of Type 2 Diabetes in a Mediterranean Population at High Cardiovascular Risk. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1508-1519.	3.6	60

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55	Circulating Multiple Metals and Incident Stroke in Chinese Adults. Stroke, 2019, 50, 1661-1668.	2.0	59
56	A genome-wide association study of marginal zone lymphoma shows association to the HLA region. Nature Communications, 2015, 6, 5751.	12.8	58
57	High plasma glutamate and low glutamine-to-glutamate ratio are associated with type 2 diabetes: Case-cohort study within the PREDIMED trial. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 1040-1049.	2.6	58
58	Glycolysis/gluconeogenesis- and tricarboxylic acid cycle–related metabolites, Mediterranean diet, and type 2 diabetes. American Journal of Clinical Nutrition, 2020, 111, 835-844.	4.7	56
59	Associations among circulating sphingolipids, β-cell function, and risk of developing type 2 diabetes: A population-based cohort study in China. PLoS Medicine, 2020, 17, e1003451.	8.4	55
60	Quantification of familial risk of nasopharyngeal carcinoma in a high-incidence area. Cancer, 2017, 123, 2716-2725.	4.1	54
61	Fast and robust adjustment of cell mixtures in epigenome-wide association studies with SmartSVA. BMC Genomics, 2017, 18, 413.	2.8	54
62	An epigenome-wide association study of total serum IgE in Hispanic children. Journal of Allergy and Clinical Immunology, 2017, 140, 571-577.	2.9	53
63	Investigating asthma heterogeneity through shared and distinct genetics: Insights from genome-wide cross-trait analysis. Journal of Allergy and Clinical Immunology, 2021, 147, 796-807.	2.9	53
64	Genetically predicted longer telomere length is associated with increased risk of B-cell lymphoma subtypes. Human Molecular Genetics, 2016, 25, 1663-1676.	2.9	52
65	Plasma lipidome patterns associated with cardiovascular risk in the PREDIMED trial: A case-cohort study. International Journal of Cardiology, 2018, 253, 126-132.	1.7	52
66	Shared genetic architecture between metabolic traits and Alzheimer's disease: a large-scale genome-wide cross-trait analysis. Human Genetics, 2019, 138, 271-285.	3.8	52
67	A comprehensive survey of genetic variation in 20,691 subjects from four large cohorts. PLoS ONE, 2017, 12, e0173997.	2.5	52
68	Efficient cross-trait penalized regression increases prediction accuracy in large cohorts using secondary phenotypes. Nature Communications, 2019, 10, 569.	12.8	50
69	A Low-Frequency Inactivating *AKT2* Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. Diabetes, 2017, 66, 2019-2032.	0.6	47
70	Investigating the genetic relationship between Alzheimer's disease and cancer using GWAS summary statistics. Human Genetics, 2017, 136, 1341-1351.	3.8	46
71	iGWAS: Integrative Genome-Wide Association Studies of Genetic and Genomic Data for Disease Susceptibility Using Mediation Analysis. Genetic Epidemiology, 2015, 39, 347-356.	1.3	45
72	Effect of School Integrated Pest Management or Classroom Air Filter Purifiers on Asthma Symptoms in Students With Active Asthma. JAMA - Journal of the American Medical Association, 2021, 326, 839.	7.4	45

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73	Whole blood microRNA markers are associated with acute respiratory distress syndrome. Intensive Care Medicine Experimental, 2017, 5, 38.	1.9	44
74	Grasping nettles: cellular heterogeneity and other confounders in epigenome-wide association studies. Human Molecular Genetics, 2014, 23, R83-R88.	2.9	43
75	Associations of Perfluoroalkyl substances with blood lipids and Apolipoproteins in lipoprotein subspecies: the POUNDS-lost study. Environmental Health, 2020, 19, 5.	4.0	43
76	Intervention Trials with the Mediterranean Diet in Cardiovascular Prevention: Understanding Potential Mechanisms through Metabolomic Profiling. Journal of Nutrition, 2016, 146, 913S-919S.	2.9	42
77	Whole Blood DNA Methylation Signatures of Diet Are Associated With Cardiovascular Disease Risk Factors and All-Cause Mortality. Circulation Genomic and Precision Medicine, 2020, 13, e002766.	3.6	42
78	An Empirical Dietary Inflammatory Pattern Score Is Associated with Circulating Inflammatory Biomarkers in a Multi-Ethnic Population of Postmenopausal Women in the United States. Journal of Nutrition, 2018, 148, 771-780.	2.9	41
79	A Peripheral Blood DNA Methylation Signature of Hepatic Fat Reveals a Potential Causal Pathway for Nonalcoholic Fatty Liver Disease. Diabetes, 2019, 68, 1073-1083.	0.6	41
80	Are genetic variations in OXTR, AVPR1A, and CD38 genes important to social integration? Results from two large U.S. cohorts. Psychoneuroendocrinology, 2014, 39, 257-268.	2.7	40
81	The School Inner-City Asthma Intervention Study: Design, rationale, methods, and lessons learned. Contemporary Clinical Trials, 2017, 60, 14-23.	1.8	40
82	Lipid Profiles and Heart Failure Risk. Circulation Research, 2021, 128, 309-320.	4.5	40
83	Urinary concentrations of phenols and phthalate metabolites reflect extracellular vesicle microRNA expression in follicular fluid. Environment International, 2019, 123, 20-28.	10.0	39
84	Human Plasma Metabolomics in Age-Related Macular Degeneration: Meta-Analysis of Two Cohorts. Metabolites, 2019, 9, 127.	2.9	38
85	Bachelors, Divorcees, and Widowers: Does Marriage Protect Men from Type 2 Diabetes?. PLoS ONE, 2014, 9, e106720.	2.5	38
86	Plasma trimethylamine-N-oxide and related metabolites are associated with type 2 diabetes risk in the Prevención con Dieta Mediterránea (PREDIMED) trial. American Journal of Clinical Nutrition, 2018, 108, 163-173.	4.7	37
87	Neuropeptide Y genotype, central obesity, and abdominal fat distribution: the POUNDS LOST trial. American Journal of Clinical Nutrition, 2015, 102, 514-519.	4.7	36
88	Prenatal arsenic exposure, child marriage, and pregnancy weight gain: Associations with preterm birth in Bangladesh. Environment International, 2018, 112, 23-32.	10.0	36
89	Metabolites related to purine catabolism and risk of type 2 diabetes incidence; modifying effects of the TCF7L2-rs7903146 polymorphism. Scientific Reports, 2019, 9, 2892.	3.3	36
90	Plasma metabolite profiles related to plant-based diets and the risk of type 2 diabetes. Diabetologia, 2022, 65, 1119-1132.	6.3	35

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91	A Genome-Wide Association Study of Cutaneous Squamous Cell Carcinoma among European Descendants. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 714-720.	2.5	34
92	Investigating causal relation between prenatal arsenic exposure and birthweight: Are smaller infants more susceptible?. Environment International, 2017, 108, 32-40.	10.0	34
93	Lysine pathway metabolites and the risk of type 2 diabetes and cardiovascular disease in the PREDIMED study: results from two case-cohort studies. Cardiovascular Diabetology, 2019, 18, 151.	6.8	34
94	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	5.3	31
95	Choline Metabolism and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Study. Clinical Chemistry, 2021, 67, 288-297.	3.2	31
96	DNA methylation mediates the effect of maternal smoking on offspring birthweight: a birth cohort study of multi-ethnic US motherâ€"newborn pairs. Clinical Epigenetics, 2021, 13, 47.	4.1	31
97	Plasma lipidomics profile in pregnancy and gestational diabetes risk: a prospective study in a multiracial/ethnic cohort. BMJ Open Diabetes Research and Care, 2021, 9, e001551.	2.8	31
98	Plasma metabolites predict both insulin resistance and incident type 2 diabetes: a metabolomics approach within the PrevenciÃ³n con Dieta MediterrÃ¡nea (PREDIMED) study. American Journal of Clinical Nutrition, 2019, 109, 626-634.	4.7	30
99	A large-scale genome-wide association analysis of lung function in the Chinese population identifies novel loci and highlights shared genetic aetiology with obesity. European Respiratory Journal, 2021, 58, 2100199.	6.7	30
100	Dairy consumption, plasma metabolites, and risk of type 2 diabetes. American Journal of Clinical Nutrition, 2021, 114, 163-174.	4.7	29
101	Development of a population-based cancer case-control study in southern china. Oncotarget, 2017, 8, 87073-87085.	1.8	29
102	Regulation of birthweight by placenta-derived miRNAs: evidence from an arsenic-exposed birth cohort in Bangladesh. Epigenetics, 2018, 13, 573-590.	2.7	28
103	Genome-Wide Assessment for RestingÂHeart Rate and Shared Genetics WithÂCardiometabolic Traits and Type 2 Diabetes. Journal of the American College of Cardiology, 2019, 74, 2162-2174.	2.8	28
104	Association between the metabolome and bone mineral density in a Chinese population. EBioMedicine, 2020, 62, 103111.	6.1	28
105	Metabolomic Signatures of Long-term Coffee Consumption and Risk of Type 2 Diabetes in Women. Diabetes Care, 2020, 43, 2588-2596.	8.6	27
106	Prediagnostic plasma metabolomics and the risk of amyotrophic lateral sclerosis. Neurology, 2019, 92, 10.1212/WNL.0000000000007401.	1.1	26
107	DNA methylation within melatonin receptor 1A (MTNR1A) mediates paternally transmitted genetic variant effect on asthma plus rhinitis. Journal of Allergy and Clinical Immunology, 2016, 138, 748-753.	2.9	25
108	Perfluoroalkyl substances and changes in bone mineral density: A prospective analysis in the POUNDS-LOST study. Environmental Research, 2019, 179, 108775.	7.5	25

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109	Lifestyle weight-loss intervention may attenuate methylation aging: the CENTRAL MRI randomized controlled trial. Clinical Epigenetics, 2021, 13, 48.	4.1	22
110	Plasma Arginine/Asymmetric Dimethylarginine Ratio and Incidence of Cardiovascular Events: A Case-Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1879-1888.	3.6	20
111	Plasma Metabolites Associated with Frequent Red Wine Consumption: A Metabolomics Approach within the PREDIMED Study. Molecular Nutrition and Food Research, 2019, 63, e1900140.	3.3	20
112	Metabolomics of the tryptophanâ€"kynurenine degradation pathway and risk of atrial fibrillation and heart failure: potential modification effect of Mediterranean diet. American Journal of Clinical Nutrition, 2021, 114, 1646-1654.	4.7	20
113	Walnut Consumption, Plasma Metabolomics, and Risk of Type 2 Diabetes and Cardiovascular Disease. Journal of Nutrition, 2021, 151, 303-311.	2.9	20
114	A transdisciplinary approach to understand the epigenetic basis of race/ethnicity health disparities. Epigenomics, 2021, 13, 1761-1770.	2.1	19
115	Gut microbiotaâ€"derived metabolites and risk of coronary artery disease: a prospective study among US men and women. American Journal of Clinical Nutrition, 2021, 114, 238-247.	4.7	19
116	Tricarboxylic acid cycle related-metabolites and risk of atrial fibrillation and heart failure. Metabolism: Clinical and Experimental, 2021, 125, 154915.	3.4	19
117	eQTL mapping identifies insertion- and deletion-specific eQTLs in multiple tissues. Nature Communications, 2015, 6, 6821.	12.8	18
118	Changes in metabolomics profiles over ten years and subsequent risk of developing type 2 diabetes: Results from the Nurses' Health Study. EBioMedicine, 2022, 75, 103799.	6.1	18
119	Expression Quantitative Trait Loci Information Improves Predictive Modeling of Disease Relevance of Non-Coding Genetic Variation. PLoS ONE, 2015, 10, e0140758.	2.5	17
120	Epigenome-wide DNA methylation study of IgE concentration in relation to self-reported allergies. Epigenomics, 2017, 9, 407-418.	2.1	17
121	Genetic Determinants for Leisure-Time Physical Activity. Medicine and Science in Sports and Exercise, 2018, 50, 1620-1628.	0.4	17
122	Pre-diagnostic leukocyte mitochondrial DNA copy number and risk of lung cancer. Oncotarget, 2016, 7, 27307-27312.	1.8	17
123	Polygenic scores, diet quality, and type 2 diabetes risk: An observational study among 35,759 adults from 3 US cohorts. PLoS Medicine, 2022, 19, e1003972.	8.4	17
124	Alternate methods of nasal epithelial cell sampling for airway genomic studies. Journal of Allergy and Clinical Immunology, 2015, 136, 1120-1123.e4.	2.9	16
125	Changes in arginine are inversely associated with type 2 diabetes: A caseâ€"cohort study in the PREDIMED trial. Diabetes, Obesity and Metabolism, 2019, 21, 397-401.	4.4	16
126	Plasma Metabolites Associated with Coffee Consumption: A Metabolomic Approach within the PREDIMED Study. Nutrients, 2019, 11, 1032.	4.1	16

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127	Identifying metabolomic profiles of inflammatory diets in postmenopausal women. Clinical Nutrition, 2020, 39, 1478-1490.	5.0	16
128	Epigenome-wide analysis of DNA methylation and coronary heart disease: a nested case-control study. ELife, 2021, 10, .	6.0	16
129	Identifying Metabolomic Profiles of Insulinemic Dietary Patterns. Metabolites, 2019, 9, 120.	2.9	15
130	Body mass index in relation to extracellular vesicle–linked microRNAs in human follicular fluid. Fertility and Sterility, 2019, 112, 387-396.e3.	1.0	15
131	Circulating folate concentrations and risk of coronary artery disease: a prospective cohort study in Chinese adults and a Mendelian randomization analysis. American Journal of Clinical Nutrition, 2020, 111, 635-643.	4.7	15
132	Profile of copper-associated DNA methylation and its association with incident acute coronary syndrome. Clinical Epigenetics, 2021, 13, 19.	4.1	15
133	Improved lipidomic profile mediates the effects of adherence to healthy lifestyles on coronary heart disease. ELife, 2021, 10, .	6.0	15
134	Y disruption, autosomal hypomethylation and poor male lung cancer survival. Scientific Reports, 2021, 11, 12453.	3.3	15
135	High Plasma Glutamate and a Low Glutamine-to-Glutamate Ratio Are Associated with Increased Risk of Heart Failure but Not Atrial Fibrillation in the Prevención con Dieta Mediterránea (PREDIMED) Study. Journal of Nutrition, 2020, 150, 2882-2889.	2.9	14
136	Parental metal exposures as potential risk factors for spina bifida in Bangladesh. Environment International, 2021, 157, 106800.	10.0	14
137	Big Data, Data Science, and Causal Inference: A Primer for Clinicians. Frontiers in Medicine, 2021, 8, 678047.	2.6	13
138	Cord Blood Metabolome and BMI Trajectory from Birth to Adolescence: A Prospective Birth Cohort Study on Early Life Biomarkers of Persistent Obesity. Metabolites, 2021, 11, 739.	2.9	13
139	Individual and Combined Association Between Prenatal Polysubstance Exposure and Childhood Risk of Attention-Deficit/Hyperactivity Disorder. JAMA Network Open, 2022, 5, e221957.	5.9	13
140	Pre-diagnostic leukocyte mitochondrial DNA copy number and skin cancer risk. Carcinogenesis, 2016, 37, 897-903.	2.8	12
141	Maternal triacylglycerol signature and risk of food allergy in offspring. Journal of Allergy and Clinical Immunology, 2019, 144, 729-737.	2.9	12
142	Locus-specific DNA methylation prediction in cord blood and placenta. Epigenetics, 2019, 14, 405-420.	2.7	12
143	Postpartum plasma metabolomic profile among women with preeclampsia and preterm delivery: implications for long-term health. BMC Medicine, 2020, 18, 277.	5.5	12
144	Association of folate intake and colorectal cancer risk in the postfortification era in US women. American Journal of Clinical Nutrition, 2021, 114, 49-58.	4.7	12

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145	Interaction of greenness and polygenic risk score of Alzheimer's disease on risk of cognitive impairment. Science of the Total Environment, 2021, 796, 148767.	8.0	12
146	Chyle Fat–Derived Stem Cells Conditioned Medium Inhibits Hypertrophic Scar Fibroblast Activity. Annals of Plastic Surgery, 2019, 83, 271-277.	0.9	11
147	Plasma metabolomic profiles for colorectal cancer precursors in women. European Journal of Epidemiology, 2022, 37, 413-422.	5.7	11
148	Genome-wide methylation analysis identifies novel CpG loci for perimembranous ventricular septal defects in human. Epigenomics, 2017, 9, 241-251.	2.1	10
149	Plasma Metabolomic Profiles of Glycemic Index, Glycemic Load, and Carbohydrate Quality Index in the PREDIMED Study. Journal of Nutrition, 2021, 151, 50-58.	2.9	10
150	Prospective Study on Plasma MicroRNA–4286 and Incident Acute Coronary Syndrome. Journal of the American Heart Association, 2021, 10, e018999.	3.7	10
151	Genetically defined elevated homocysteine levels do not result in widespread changes of DNA methylation in leukocytes. PLoS ONE, 2017, 12, e0182472.	2.5	10
152	Inter-generational link of obesity in term and preterm births: role of maternal plasma acylcarnitines. International Journal of Obesity, 2019, 43, 1967-1977.	3.4	9
153	Height, height-related SNPs, and risk of non-melanoma skin cancer. British Journal of Cancer, 2017, 116, 134-140.	6.4	8
154	Relationship of Soluble Interleukin-6 Receptors With Asthma: A Mendelian Randomization Study. Frontiers in Medicine, 2021, 8, 665057.	2.6	8
155	Plasma Metabolite Profiles of Red Meat, Poultry, and Fish Consumption, and Their Associations with Colorectal Cancer Risk. Nutrients, 2022, 14, 978.	4.1	8
156	RTeQTL: Real-Time Online Engine for Expression Quantitative Trait Loci Analyses. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau066-bau066.	3.0	7
157	Whole blood microRNAs as a prognostic classifier for acute respiratory distress syndrome 28-day mortality. Intensive Care Medicine, 2016, 42, 1824-1825.	8.2	7
158	MetProc: Separating Measurement Artifacts from True Metabolites in an Untargeted Metabolomics Experiment. Journal of Proteome Research, 2019, 18, 1446-1450.	3.7	7
159	Genomic-Metabolomic Associations Support the Role of LIPC and Glycerophospholipids in Age-Related Macular Degeneration. Ophthalmology Science, 2021, 1, 100017.	2.5	7
160	Soluble receptor for advanced glycation end products (sRAGE) and asthma: Mendelian randomisation study. Pediatric Allergy and Immunology, 2021, 32, 1100-1103.	2.6	7
161	Epigenome-wide association study and network analysis for IgA Nephropathy from CD19^{+}B-cell in Chinese Population. Epigenetics, 2021, 16, 1283-1294.	2.7	6
162	Pathway analysis of expression-related SNPs on genome-wide association study of basal cell carcinoma. Oncotarget, 2016, 7, 36885-36895.	1.8	6

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163	Association of Human Plasma Metabolomics with Delayed Dark Adaptation in Age-Related Macular Degeneration. Metabolites, 2021, 11, 183.	2.9	5
164	Leveraging â€œbig dataâ€•in respiratory medicine â€" data science, causal inference, and precision medicine. Expert Review of Respiratory Medicine, 2021, 15, 717-721.	2.5	5
165	Screening for interaction effects in gene expression data. PLoS ONE, 2017, 12, e0173847.	2.5	4
166	Glycolysis Metabolites and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Trial. Metabolites, 2021, 11, 306.	2.9	4
167	A metabolome-wide association study of in utero metal and trace element exposures with cord blood metabolome profile: Findings from the Boston Birth Cohort. Environment International, 2022, 158, 106976.	10.0	4
168	Association of Growth Trajectory Profiles with Asthma Development in Infants Hospitalized with Bronchiolitis. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 723-731.e5.	3.8	4
169	Fetal lipidome and incident risk of food allergy: A prospective birth cohort study. Pediatric Allergy and Immunology, 2022, 33, .	2.6	4
170	A genome-wide analysis of geneâ€"caffeine consumption interaction on basal cell carcinoma. Carcinogenesis, 2016, 37, bgw107.	2.8	3
171	Changes in Metabolites During an Oral Glucose Tolerance Test in Early and Mid-Pregnancy: Findings from the PEARLS Randomized, Controlled Lifestyle Trial. Metabolites, 2020, 10, 284.	2.9	3
172	Urinary Mass Spectrometry Profiles in Age-Related Macular Degeneration. Journal of Clinical Medicine, 2022, 11, 940.	2.4	3
173	Estimating cell-type-specific DNA methylation effects in heterogeneous cellular populations. Epigenomics, 2021, 13, 87-97.	2.1	2
174	Abstract P213: Marital status and Risk of type 2 Diabetes in the Health Professionals Follow-up Study. Circulation, 2012, 125, .	1.6	2
175	Plasma acylcarnitines and risk of incident heart failure and atrial fibrillation: the PrevenciÃ³n con dieta mediterrÃ¡nea study. Revista Espanola De Cardiologia (English Ed), 2021, , .	0.6	2
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