# Liming Liang

List of Publications by Year
in descending order

| 188 papers | 23,557 citations | 31976<br>53 h-index | 9589<br>142 g-index |
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| 192 all docs | 192 docs citations | 192 times ranked | 34279 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Plasma metabolomic profiles for colorectal cancer precursors in women. European Journal of Epidemiology, 2022, 37, 413-422. | 5.7 | 11 |
| 4 | 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 |
| 5 | Fetal lipidome and incident risk of food allergy: A prospective birth cohort study. Pediatric Allergy and Immunology, 2022, 33, . | 2.6 | 4 |
| 6 | Plasma Metabolite Profiles of Red Meat, Poultry, and Fish Consumption, and Their Associations with Colorectal Cancer Risk. Nutrients, 2022, 14, 978. | 4.1 | 8 |
| 7 | Urinary Mass Spectrometry Profiles in Age-Related Macular Degeneration. Journal of Clinical Medicine, 2022, 11, 940. | 2.4 | 3 |
| 8 | 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 |
| 9 | Plasma metabolite profiles related to plant-based diets and the risk of type 2 diabetes. Diabetologia, 2022, 65, 1119-1132. | 6.3 | 35 |
| 10 | 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 |
| 11 | Arginine catabolism metabolites and atrial fibrillation or heart failure risk: two case-control studies within the PREDIMED trial. American Journal of Clinical Nutrition, 2022, , . | 4.7 | 2 |
| 12 | 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 |
| 13 | Choline Metabolism and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Study. Clinical Chemistry, 2021, 67, 288-297. | 3.2 | 31 |
| 14 | Lipid Profiles and Heart Failure Risk. Circulation Research, 2021, 128, 309-320. | 4.5 | 40 |
| 15 | 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 |
| 16 | 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 |
| 17 | Profile of copper-associated DNA methylation and its association with incident acute coronary syndrome. Clinical Epigenetics, 2021, 13, 19. | 4.1 | 15 |
| 18 | Improved lipidomic profile mediates the effects of adherence to healthy lifestyles on coronary heart disease. ELife, 2021, 10, . | 6.0 | 15 |

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|---|---------|----|-----------| 
| 19 | DNA methylation mediates the effect of maternal smoking on offspring birthweight: a birth cohort study of multi-ethnic US mother–newborn pairs. Clinical Epigenetics, 2021, 13, 47. | 4.1 | 31 |
| 20 | 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 |
| 21 | Genomic-Metabolomic Associations Support the Role of LIPC and Glycerophospholipids in Age-Related Macular Degeneration. Ophthalmology Science, 2021, 1, 100017. | 2.5 | 7 |
| 22 | Dairy consumption, plasma metabolites, and risk of type 2 diabetes. American Journal of Clinical Nutrition, 2021, 114, 163-174. | 4.7 | 29 |
| 23 | Association of Human Plasma Metabolomics with Delayed Dark Adaptation in Age-Related Macular Degeneration. Metabolites, 2021, 11, 183. | 2.9 | 5 |
| 24 | Soluble receptor for advanced glycation end products (sRAGE) and asthma: Mendelian randomisation study. Pediatric Allergy and Immunology, 2021, 32, 1100-1103. | 2.6 | 7 |
| 25 | Prospective Study on Plasma MicroRNA–4286 and Incident Acute Coronary Syndrome. Journal of the American Heart Association, 2021, 10, e018999. | 3.7 | 10 |
| 26 | 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 |
| 27 | 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 |
| 28 | Lifestyle weight-loss intervention may attenuate methylation aging: the CENTRAL MRI randomized controlled trial. Clinical Epigenetics, 2021, 13, 48. | 4.1 | 22 |
| 29 | A transdisciplinary approach to understand the epigenetic basis of race/ethnicity health disparities. Epigenomics, 2021, 13, 1761-1770. | 2.1 | 19 |
| 30 | Gut microbiota–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 |
| 31 | Leveraging "big data" in respiratory medicine – data science, causal inference, and precision medicine. Expert Review of Respiratory Medicine, 2021, 15, 717-721. | 2.5 | 5 |
| 32 | Relationship of Soluble Interleukin-6 Receptors With Asthma: A Mendelian Randomization Study. Frontiers in Medicine, 2021, 8, 665057. | 2.6 | 8 |
| 33 | Glycolysis Metabolites and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Trial. Metabolites, 2021, 11, 306. | 2.9 | 4 |
| 34 | Plasma Metabolomic Signatures of Sugar-Sweetened Beverage Consumption and Risk of Type 2 Diabetes Among US Adults. Current Developments in Nutrition, 2021, 5, 1040. | 0.3 | 0 |
| 35 | Y disruption, autosomal hypomethylation and poor male lung cancer survival. Scientific Reports, 2021, 11, 12453. | 3.3 | 15 |
| 36 | Urea Cycle Metabolites and Atrial Fibrillation or Heart Failure Risk: Two Case-Control Studies in the PREDIMED Trial. Current Developments in Nutrition, 2021, 5, 18. | 0.3 | 1 |

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|---|---------|----|-----------|
| 37 | Metabolomics of the tryptophan–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 |
| 38 | Big Data, Data Science, and Causal Inference: A Primer for Clinicians. Frontiers in Medicine, 2021, 8, 678047. | 2.6 | 13 |
| 39 | Associations between indoor temperature and noise and semen parameters among participants in the US-based general population Growing Up Today Study. ISEE Conference Abstracts, 2021, 2021, . | 0.0 | 0 |
| 40 | 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 |
| 41 | Epigenome-wide analysis of DNA methylation and coronary heart disease: a nested case-control study. ELife, 2021, 10, . | 6.0 | 16 |
| 42 | 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 |
| 43 | Parental metal exposures as potential risk factors for spina bifida in Bangladesh. Environment International, 2021, 157, 106800. | 10.0 | 14 |
| 44 | Estimating cell-type-specific DNA methylation effects in heterogeneous cellular populations. Epigenomics, 2021, 13, 87-97. | 2.1 | 2 |
| 45 | Walnut Consumption, Plasma Metabolomics, and Risk of Type 2 Diabetes and Cardiovascular Disease. Journal of Nutrition, 2021, 151, 303-311. | 2.9 | 20 |
| 46 | Tricarboxylic acid cycle related-metabolites and risk of atrial fibrillation and heart failure. Metabolism: Clinical and Experimental, 2021, 125, 154915. | 3.4 | 19 |
| 47 | 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 |
| 48 | Plasma acylcarnitines and risk of incident heart failure and atrial fibrillation: the Prevención con dieta mediterránea study. Revista Espanola De Cardiologia (English Ed ), 2021, , . | 0.6 | 2 |
| 49 | Identifying metabolomic profiles of inflammatory diets in postmenopausal women. Clinical Nutrition, 2020, 39, 1478-1490. | 5.0 | 16 |
| 50 | 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 |
| 51 | Postpartum plasma metabolomic profile among women with preeclampsia and preterm delivery: implications for long-term health. BMC Medicine, 2020, 18, 277. | 5.5 | 12 |
| 52 | Mapping the Metabolic Profiles of Long-Term Vegetable, Fruit, and Fruit Juice Consumption. Current Developments in Nutrition, 2020, 4, nzaa052_056. | 0.3 | 1 |
| 53 | Gut Microbiota Metabolites and Cardiometabolic Risk Among Older Puerto Ricans: Findings from the Boston Puerto Rican Health Study. Current Developments in Nutrition, 2020, 4, nzaa061_006. | 0.3 | 0 |
| 54 | 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 |

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|---|---------|----|-----------|
| 55 | Association between the metabolome and bone mineral density in a Chinese population. EBioMedicine, 2020, 62, 103111. | 6.1 | 28 |
| 56 | Metabolomic Signatures of Long-term Coffee Consumption and Risk of Type 2 Diabetes in Women. Diabetes Care, 2020, 43, 2588-2596. | 8.6 | 27 |
| 57 | 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 |
| 58 | 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 |
| 59 | Height, nevus count, and risk of cutaneous malignant melanoma: Results from 2 large cohorts of US women. Journal of the American Academy of Dermatology, 2020, 83, 1049-1056. | 1.2 | 1 |
| 60 | The Mediterranean diet, plasma metabolome, and cardiovascular disease risk. European Heart Journal, 2020, 41, 2645-2656. | 2.2 | 138 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | Associations of Perfluoroalkyl substances with blood lipids and Apolipoproteins in lipoprotein subspecies: the POUNDS-lost study. Environmental Health, 2020, 19, 5. | 4.0 | 43 |
| 66 | 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 |
| 67 | Changes in arginine are inversely associated with type 2 diabetes: A case–cohort study in the PREDIMED trial. Diabetes, Obesity and Metabolism, 2019, 21, 397-401. | 4.4 | 16 |
| 68 | 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 |
| 69 | Human Plasma Metabolomics in Age-Related Macular Degeneration: Meta-Analysis of Two Cohorts. Metabolites, 2019, 9, 127. | 2.9 | 38 |
| 70 | The nasal methylome as a biomarker of asthma and airway inflammation in children. Nature Communications, 2019, 10, 3095. | 12.8 | 129 |
| 71 | Identifying Metabolomic Profiles of Insulinemic Dietary Patterns (OR31-03-19). Current Developments in Nutrition, 2019, 3, nzz037.OR31-03-19. | 0.3 | 0 |
| 72 | 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 |

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|---|---------|----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | Perfluoroalkyl substances and changes in bone mineral density: A prospective analysis in the POUNDS-LOST study. Environmental Research, 2019, 179, 108775. | 7.5 | 25 |
| 76 | 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 |
| 77 | 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 |
| 78 | Genome-wide identification of DNA methylation QTLs in whole blood highlights pathways for cardiovascular disease. Nature Communications, 2019, 10, 4267. | 12.8 | 139 |
| 79 | Maternal triacylglycerol signature and risk of food allergy in offspring. Journal of Allergy and Clinical Immunology, 2019, 144, 729-737. | 2.9 | 12 |
| 80 | Identifying Metabolomic Profiles of Insulinemic Dietary Patterns. Metabolites, 2019, 9, 120. | 2.9 | 15 |
| 81 | Circulating Multiple Metals and Incident Stroke in Chinese Adults. Stroke, 2019, 50, 1661-1668. | 2.0 | 59 |
| 82 | Body mass index in relation to extracellular vesicleâ€"linked microRNAs in human follicular fluid. Fertility and Sterility, 2019, 112, 387-396.e3. | 1.0 | 15 |
| 83 | Plasma Metabolites Associated with Coffee Consumption: A Metabolomic Approach within the PREDIMED Study. Nutrients, 2019, 11, 1032. | 4.1 | 16 |
| 84 | Locus-specific DNA methylation prediction in cord blood and placenta. Epigenetics, 2019, 14, 405-420. | 2.7 | 12 |
| 85 | 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 |
| 86 | Prediagnostic plasma metabolomics and the risk of amyotrophic lateral sclerosis. Neurology, 2019, 92, 10.1212/WNL.0000000000007401. | 1.1 | 26 |
| 87 | 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 |
| 88 | 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 |
| 89 | Efficient cross-trait penalized regression increases prediction accuracy in large cohorts using secondary phenotypes. Nature Communications, 2019, 10, 569. | 12.8 | 50 |
| 90 | Shared genetic architecture between metabolic traits and Alzheimerâ€™s disease: a large-scale genome-wide cross-trait analysis. Human Genetics, 2019, 138, 271-285. | 3.8 | 52 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 91 | 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 |
| 92 | Chyle Fatâ€"Derived Stem Cells Conditioned Medium Inhibits Hypertrophic Scar Fibroblast Activity. Annals of Plastic Surgery, 2019, 83, 271-277. | 0.9 | 11 |
| 93 | MetProc: Separating Measurement Artifacts from True Metabolites in an Untargeted Metabolomics Experiment. Journal of Proteome Research, 2019, 18, 1446-1450. | 3.7 | 7 |
| 94 | 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 |
| 95 | Urinary concentrations of phenols and phthalate metabolites reflect extracellular vesicle microRNA expression in follicular fluid. Environment International, 2019, 123, 20-28. | 10.0 | 39 |
| 96 | 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 |
| 97 | 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 |
| 98 | Genetic Determinants for Leisure-Time Physical Activity. Medicine and Science in Sports and Exercise, 2018, 50, 1620-1628. | 0.4 | 17 |
| 99 | Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53. | 21.4 | 426 |
| 100 | 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 |
| 101 | Prenatal arsenic exposure, child marriage, and pregnancy weight gain: Associations with preterm birth in Bangladesh. Environment International, 2018, 112, 23-32. | 10.0 | 36 |
| 102 | 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 |
| 103 | Extracellular microRNAs profile in human follicular fluid and IVF outcomes. Scientific Reports, 2018, 8, 17036. | 3.3 | 64 |
| 104 | Exposure to Polycyclic Aromatic Hydrocarbons and Accelerated DNA Methylation Aging. Environmental Health Perspectives, 2018, 126, 067005. | 6.0 | 62 |
| 105 | Plasma Lipidomic Profiling and Risk of Type 2 Diabetes in the PREDIMED Trial. Diabetes Care, 2018, 41, 2617-2624. | 8.6 | 138 |
| 106 | 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 |
| 107 | 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 |
| 108 | Regulation of birthweight by placenta-derived miRNAs: evidence from an arsenic-exposed birth cohort in Bangladesh. Epigenetics, 2018, 13, 573-590. | 2.7 | 28 |

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| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | Genome-wide methylation analysis identifies novel CpG loci for perimembranous ventricular septal defects in human. Epigenomics, 2017, 9, 241-251. | 2.1 | 10 |
| 113 | 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 |
| 114 | Plasma Ceramides, Mediterranean Diet, and Incident Cardiovascular Disease in the PREDIMED Trial (Prevención con Dieta Mediterránea). Circulation, 2017, 135, 2028-2040. | 1.6 | 227 |
| 115 | Quantification of familial risk of nasopharyngeal carcinoma in a high-incidence area. Cancer, 2017, 123, 2716-2725. | 4.1 | 54 |
| 116 | The School Inner-City Asthma Intervention Study: Design, rationale, methods, and lessons learned. Contemporary Clinical Trials, 2017, 60, 14-23. | 1.8 | 40 |
| 117 | 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 |
| 118 | An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. Diabetes, 2017, 66, 2888-2902. | 0.6 | 615 |
| 119 | Epigenome-wide DNA methylation study of IgE concentration in relation to self-reported allergies. Epigenomics, 2017, 9, 407-418. | 2.1 | 17 |
| 120 | Genome-Wide Analysis of DNA Methylation and Acute Coronary Syndrome. Circulation Research, 2017, 120, 1754-1767. | 4.5 | 70 |
| 121 | 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 |
| 122 | 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 |
| 123 | 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 |
| 124 | Comprehensive Metabolomic Profiling and Incident Cardiovascular Disease: A Systematic Review. Journal of the American Heart Association, 2017, 6, . | 3.7 | 110 |
| 125 | Investigating the genetic relationship between Alzheimer's disease and cancer using GWAS summary statistics. Human Genetics, 2017, 136, 1341-1351. | 3.8 | 46 |
| 126 | Investigating causal relation between prenatal arsenic exposure and birthweight: Are smaller infants more susceptible?. Environment International, 2017, 108, 32-40. | 10.0 | 34 |

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|---|---------|-----|-----------|
| 127 | 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 |
| 128 | Epigenome-wide association studies identify DNA methylation associated with kidney function. Nature Communications, 2017, 8, 1286. | 12.8 | 145 |
| 129 | Fast and robust adjustment of cell mixtures in epigenome-wide association studies with SmartSVA. BMC Genomics, 2017, 18, 413. | 2.8 | 54 |
| 130 | Height, height-related SNPs, and risk of non-melanoma skin cancer. British Journal of Cancer, 2017, 116, 134-140. | 6.4 | 8 |
| 131 | Whole blood microRNA markers are associated with acute respiratory distress syndrome. Intensive Care Medicine Experimental, 2017, 5, 38. | 1.9 | 44 |
| 132 | Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179. | 5.3 | 31 |
| 133 | Screening for interaction effects in gene expression data. PLoS ONE, 2017, 12, e0173847. | 2.5 | 4 |
| 134 | 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 |
| 135 | A comprehensive survey of genetic variation in 20,691 subjects from four large cohorts. PLoS ONE, 2017, 12, e0173997. | 2.5 | 52 |
| 136 | Genetically defined elevated homocysteine levels do not result in widespread changes of DNA methylation in leukocytes. PLoS ONE, 2017, 12, e0182472. | 2.5 | 10 |
| 137 | Development of a population-based cancer case-control study in southern china. Oncotarget, 2017, 8, 87073-87085. | 1.8 | 29 |
| 138 | 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 |
| 139 | The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47. | 27.8 | 952 |
| 140 | Early Prediction of Developing Type 2 Diabetes by Plasma Acylcarnitines: A Population-Based Study. Diabetes Care, 2016, 39, 1563-1570. | 8.6 | 132 |
| 141 | Pre-diagnostic leukocyte mitochondrial DNA copy number and skin cancer risk. Carcinogenesis, 2016, 37, 897-903. | 2.8 | 12 |
| 142 | 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 |
| 143 | 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 |
| 144 | Epigenetic Signatures of Cigarette Smoking. Circulation: Cardiovascular Genetics, 2016, 9, 436-447. | 5.1 | 678 |

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|---|---------|-----|-----------|
| 145 | A genome-wide analysis of gene–caffeine consumption interaction on basal cell carcinoma. Carcinogenesis, 2016, 37, bgw107. | 2.8 | 3 |
| 146 | Meta-analysis of genome-wide association studies discovers multiple loci for chronic lymphocytic leukemia. Nature Communications, 2016, 7, 10933. | 12.8 | 94 |
| 147 | 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 |
| 148 | Plasma Branched-Chain Amino Acids and Incident Cardiovascular Disease in the PREDIMED Trial. Clinical Chemistry, 2016, 62, 582-592. | 3.2 | 203 |
| 149 | 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 |
| 150 | Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. Human Molecular Genetics, 2016, 25, 389-403. | 2.9 | 275 |
| 151 | DNA methylation-based measures of biological age: meta-analysis predicting time to death. Aging, 2016, 8, 1844-1865. | 3.1 | 786 |
| 152 | Pre-diagnostic leukocyte mitochondrial DNA copy number and risk of lung cancer. Oncotarget, 2016, 7, 27307-27312. | 1.8 | 17 |
| 153 | Pathway analysis of expression-related SNPs on genome-wide association study of basal cell carcinoma. Oncotarget, 2016, 7, 36885-36895. | 1.8 | 6 |
| 154 | Differential Expression of Genes Associated with Oncogene-Induced Senescence and Senescence Associated Secretory Phenotype in the Absence of Differential Expression of High Molecular Risk Genes and Genes Associated with JAK-STAT Pathway in Sorted Cells of Patients with Polycythemia Vera and Primary Myelofibrosis. Blood, 2016, 128, 4283-4283. | 1.4 | 0 |
| 155 | Germline Calr exon 9 Variant and Somatic JAK2 V617F Mutation in a Patient with Polycythemia Vera Associated with Late Presentation and Severe Clinical Phenotype. Blood, 2016, 128, 5485-5485. | 1.4 | 0 |
| 156 | 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 |
| 157 | Expression Quantitative Trait Loci Information Improves Predictive Modeling of Disease Relevance of Non-Coding Genetic Variation. PLoS ONE, 2015, 10, e0140758. | 2.5 | 17 |
| 158 | A genome-wide association study of marginal zone lymphoma shows association to the HLA region. Nature Communications, 2015, 6, 5751. | 12.8 | 58 |
| 159 | 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 |
| 160 | New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196. | 27.8 | 1,328 |
| 161 | Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206. | 27.8 | 3,823 |
| 162 | An epigenome-wide association study of total serum immunoglobulin E concentration. Nature, 2015, 520, 670-674. | 27.8 | 193 |

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