

Clary B Clish

List of Publications by Year in descending order

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Version: 2024-02-01

400
papers

59,634
citations

1371

108
h-index

1222

227
g-index

443
all docs

443
docs citations

443
times ranked

76578
citing authors

#	ARTICLE	IF	CITATIONS
1	Host and gut microbial tryptophan metabolism and type 2 diabetes: an integrative analysis of host genetics, diet, gut microbiome and circulating metabolites in cohort studies. <i>Gut</i> , 2022, 71, 1095-1105.	12.1	98
2	Higher susceptibility to sunburn is associated with decreased plasma glutamine and increased plasma glutamate levels among US women: An analysis of the Nurses' Health Study I and II. <i>Journal of the American Academy of Dermatology</i> , 2022, 86, 169-172.	1.2	1
3	A Metabolomics Analysis of Circulating Carotenoids and Breast Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 85-96.	2.5	6
4	Changes in bile acid subtypes and long-term successful weight loss in response to weight loss diets: The POUNDS lost trial. <i>Liver International</i> , 2022, 42, 363-373.	3.9	7
5	Metabo-Endotypes of Asthma Reveal Differences in Lung Function: Discovery and Validation in Two TOPMed Cohorts. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 288-299.	5.6	17
6	Metabolomic Profiles Associated With Incident Ischemic Stroke. <i>Neurology</i> , 2022, 98, .	1.1	6
7	Metabolomic Analysis of Coronary Heart Disease in an African American Cohort From the Jackson Heart Study. <i>JAMA Cardiology</i> , 2022, 7, 184.	6.1	19
8	Plasma Metabolomics and Breast Cancer Risk over 20 Years of Follow-up among Postmenopausal Women in the Nurses' Health Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2022, 31, 839-850.	2.5	5
9	Circulating metabolite profile in young adulthood identifies long-term diabetes susceptibility: the Coronary Artery Risk Development in Young Adults (CARDIA) study. <i>Diabetologia</i> , 2022, 65, 657-674.	6.3	2
10	Plasma metabolomic profiles for colorectal cancer precursors in women. <i>European Journal of Epidemiology</i> , 2022, 37, 413-422.	5.7	11
11	Changes in metabolomics profiles over ten years and subsequent risk of developing type 2 diabetes: Results from the Nurses' Health Study. <i>EBioMedicine</i> , 2022, 75, 103799.	6.1	18
12	Trans-ethnic genome-wide association study of blood metabolites in the Chronic Renal Insufficiency Cohort (CRIC) study. <i>Kidney International</i> , 2022, 101, 814-823.	5.2	8
13	Protein prediction for trait mapping in diverse populations. <i>PLoS ONE</i> , 2022, 17, e0264341.	2.5	13
14	Plasma Metabolite Profiles of Red Meat, Poultry, and Fish Consumption, and Their Associations with Colorectal Cancer Risk. <i>Nutrients</i> , 2022, 14, 978.	4.1	8
15	Metabolomic profiling reveals extensive adrenal suppression due to inhaled corticosteroid therapy in asthma. <i>Nature Medicine</i> , 2022, 28, 814-822.	30.7	37
16	Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. <i>Nature Genetics</i> , 2022, 54, 263-273.	21.4	156
17	Insulin Prevents Hypercholesterolemia by Suppressing 12 α -Hydroxylated Bile Acids. <i>Circulation</i> , 2022, 145, 969-982.	1.6	14
18	Association of Uremic Solutes With Cardiovascular Death in Diabetic Kidney Disease. <i>American Journal of Kidney Diseases</i> , 2022, 80, 502-512.e1.	1.9	15

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19	Presurgical blood metabolites and risk of postsurgical pelvic pain in young patients with endometriosis. <i>Fertility and Sterility</i> , 2022, 117, 1235-1245.	1.0	6
20	Dietary lignans, plasma enterolactone levels, and metabolic risk in men: exploring the role of the gut microbiome. <i>BMC Microbiology</i> , 2022, 22, 82.	3.3	8
21	Human gut bacteria produce ß—17-modulating bile acid metabolites. <i>Nature</i> , 2022, 603, 907-912.	27.8	210
22	Triglyceride-derived fatty acids reduce autophagy in a model of retinal angiomatous proliferation. <i>JCI Insight</i> , 2022, 7, .	5.0	9
23	Plasma metabolite profiles related to plant-based diets and the risk of type 2 diabetes. <i>Diabetologia</i> , 2022, 65, 1119-1132.	6.3	35
24	Intrapersonal Stability of Plasma Metabolomic Profiles over 10 Years among Women. <i>Metabolites</i> , 2022, 12, 372.	2.9	9
25	Plasma metabolomic signature of early abuse in middle-aged women. <i>Psychosomatic Medicine</i> , 2022, Publish Ahead of Print, .	2.0	1
26	Integrative Analysis of Circulating Metabolite Levels That Correlate With Physical Activity and Cardiorespiratory Fitness. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, 101161CIRCGEN121003592.	3.6	1
27	Lymphocyte activation gene-3-associated protein networks are associated with HDL-cholesterol and mortality in the Trans-omics for Precision Medicine program. <i>Communications Biology</i> , 2022, 5, 362.	4.4	5
28	Lipase regulation of cellular fatty acid homeostasis as a Parkinson's disease therapeutic strategy. <i>Npj Parkinson's Disease</i> , 2022, 8, .	5.3	5
29	Gut Microbiota, Plasma Metabolomic Profiles, and Carotid Artery Atherosclerosis in HIV Infection. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 1081-1093.	2.4	19
30	The IDOze Study: The Link Between Sleep Disruption and Tryptophan-Kynurenine Pathway Activation in Women With Human Immunodeficiency Virus. <i>Journal of Infectious Diseases</i> , 2022, 226, 1451-1460.	4.0	4
31	Associations of depression status with plasma levels of candidate lipid and amino acid metabolites: a meta-analysis of individual data from three independent samples of US postmenopausal women. <i>Molecular Psychiatry</i> , 2021, 26, 3315-3327.	7.9	27
32	A Metabolite Composite Score Attenuated a Substantial Portion of the Higher Mortality Risk Associated With Frailty Among Community-Dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 378-384.	3.6	9
33	Potential causal role of l-glutamine in sickle cell disease painful crises: A Mendelian randomization analysis. <i>Blood Cells, Molecules, and Diseases</i> , 2021, 86, 102504.	1.4	14
34	Choline Metabolism and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Study. <i>Clinical Chemistry</i> , 2021, 67, 288-297.	3.2	31
35	Lipid Profiles and Heart Failure Risk. <i>Circulation Research</i> , 2021, 128, 309-320.	4.5	40
36	Plasma Metabolomic Profiles of Glycemic Index, Glycemic Load, and Carbohydrate Quality Index in the PREDIMED Study. <i>Journal of Nutrition</i> , 2021, 151, 50-58.	2.9	10

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37	Plasma Lipidomic Profiles and Risk of Diabetes: 2 Prospective Cohorts of HIV-Infected and HIV-Uninfected Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e999-e1010.	3.6	9
38	Regulation of purine metabolism connects KCTD13 to a metabolic disorder with autistic features. <i>IScience</i> , 2021, 24, 101935.	4.1	7
39	Circulating markers of NADH-reductive stress correlate with mitochondrial disease severity. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	95
40	Association of Prediagnostic Blood Metabolomics with Prostate Cancer Defined by ERG or PTEN Molecular Subtypes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1000-1008.	2.5	2
41	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021, 590, 290-299.	27.8	1,069
42	Dairy consumption, plasma metabolites, and risk of type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 163-174.	4.7	29
43	Targeting a Braf/Mapk pathway rescues podocyte lipid peroxidation in CoQ-deficiency kidney disease. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	25
44	Metabolomic Markers of Southern Dietary Patterns in the Jackson Heart Study. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2000796.	3.3	4
45	Adaptation of pancreatic cancer cells to nutrient deprivation is reversible and requires glutamine synthetase stabilization by mTORC1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	26
46	<i>metabCombiner</i>: Paired Untargeted LC-HRMS Metabolomics Feature Matching and Concatenation of Disparately Acquired Data Sets. <i>Analytical Chemistry</i> , 2021, 93, 5028-5036.	6.5	13
47	Circulating blood metabolite trajectories and risk of rheumatoid arthritis among military personnel in the Department of Defense Biorepository. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 989-996.	0.9	6
48	Role of dietary fiber in the recovery of the human gut microbiome and its metabolome. <i>Cell Host and Microbe</i> , 2021, 29, 394-407.e5.	11.0	137
49	Fatty acid synthesis is required for breast cancer brain metastasis. <i>Nature Cancer</i> , 2021, 2, 414-428.	13.2	147
50	Abstract 022: Plasma Metabolome Related To Plant-based Diets And The Association With Type 2 Diabetes: A Prospective Cohort Study. <i>Circulation</i> , 2021, 143, .	1.6	2
51	Metabolomic profiling identifies complex lipid species and amino acid analogues associated with response to weight loss interventions. <i>PLoS ONE</i> , 2021, 16, e0240764.	2.5	9
52	Improving host-directed therapy for tuberculous meningitis by linking clinical and multi-omics data. <i>Tuberculosis</i> , 2021, 128, 102085.	1.9	4
53	Circulating amino acids and amino acid-related metabolites and risk of breast cancer among predominantly premenopausal women. <i>Npj Breast Cancer</i> , 2021, 7, 54.	5.2	15
54	Glycolysis Metabolites and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Trial. <i>Metabolites</i> , 2021, 11, 306.	2.9	4

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55	Plasma Metabolomic Signatures of Healthy Dietary Patterns in the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>Journal of Nutrition</i> , 2021, 151, 2894-2907.	2.9	12
56	Genome sequencing unveils a regulatory landscape of platelet reactivity. <i>Nature Communications</i> , 2021, 12, 3626.	12.8	29
57	SIRT4 is an early regulator of branched-chain amino acid catabolism that promotes adipogenesis. <i>Cell Reports</i> , 2021, 36, 109345.	6.4	32
58	Branched-Chain Amino Acids and Risk of Breast Cancer. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab059.	2.9	12
59	Metabolomics of the tryptophan→kynurenine degradation pathway and risk of atrial fibrillation and heart failure: potential modification effect of Mediterranean diet. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1646-1654.	4.7	20
60	Multi-omics reveal microbial determinants impacting responses to biologic therapies in inflammatory bowel disease. <i>Cell Host and Microbe</i> , 2021, 29, 1294-1304.e4.	11.0	85
61	Metabolic modeling of single Th17 cells reveals regulators of autoimmunity. <i>Cell</i> , 2021, 184, 4168-4185.e21.	28.9	203
62	Cycling cancer persister cells arise from lineages with distinct programs. <i>Nature</i> , 2021, 596, 576-582.	27.8	236
63	Associations of network-derived metabolite clusters with prevalent type 2 diabetes among adults of Puerto Rican descent. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002298.	2.8	6
64	Harnessing the Potential of Multiomics Studies for Precision Medicine in Infectious Disease. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab483.	0.9	13
65	Plasma metabolomic profiles associated with chronic distress in women. <i>Psychoneuroendocrinology</i> , 2021, 133, 105420.	2.7	7
66	Metabolomic Profiles and Heart Failure Risk in Black Adults: Insights From the Jackson Heart Study. <i>Circulation: Heart Failure</i> , 2021, 14, e007275.	3.9	29
67	Mitochondrial dysfunction in inflammatory bowel disease alters intestinal epithelial metabolism of hepatic acylcarnitines. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	49
68	Walnut Consumption, Plasma Metabolomics, and Risk of Type 2 Diabetes and Cardiovascular Disease. <i>Journal of Nutrition</i> , 2021, 151, 303-311.	2.9	20
69	A high-resolution HLA reference panel capturing global population diversity enables multi-ancestry fine-mapping in HIV host response. <i>Nature Genetics</i> , 2021, 53, 1504-1516.	21.4	69
70	Tricarboxylic acid cycle related-metabolites and risk of atrial fibrillation and heart failure. <i>Metabolism: Clinical and Experimental</i> , 2021, 125, 154915.	3.4	19
71	Plasma acylcarnitines and risk of incident heart failure and atrial fibrillation: the Prevención con dieta mediterránea study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, , .	0.6	2
72	Identifying metabolomic profiles of inflammatory diets in postmenopausal women. <i>Clinical Nutrition</i> , 2020, 39, 1478-1490.	5.0	16

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73	Differential Metabolomic Signatures in Patients with Weight Regain and Sustained Weight Loss After Gastric Bypass Surgery: A Pilot Study. Digestive Diseases and Sciences, 2020, 65, 1144-1154.	2.3	17
74	Circulating Lysophosphatidylcholines, Phosphatidylcholines, Ceramides, and Sphingomyelins and Ovarian Cancer Risk: A 23-Year Prospective Study. Journal of the National Cancer Institute, 2020, 112, 628-636.	6.3	34
75	Metabolomic profiles associated with all-cause mortality in the Women's Health Initiative. International Journal of Epidemiology, 2020, 49, 289-300.	1.9	20
76	Identification of 102 Correlations between Serum Metabolites and Habitual Diet in a Metabolomics Study of the Prostate, Lung, Colorectal, and Ovarian Cancer Trial. Journal of Nutrition, 2020, 150, 694-703.	2.9	27
77	Metabolomic markers of antepartum depression and suicidal ideation. Journal of Affective Disorders, 2020, 262, 422-428.	4.1	12
78	Comprehensive Metabolic Phenotyping Refines Cardiovascular Risk in Young Adults. Circulation, 2020, 142, 2110-2127.	1.6	23
79	Dissemination and analysis of the quality assurance (QA) and quality control (QC) practices of LC-MS based untargeted metabolomics practitioners. Metabolomics, 2020, 16, 113.	3.0	56
80	Postpartum plasma metabolomic profile among women with preeclampsia and preterm delivery: implications for long-term health. BMC Medicine, 2020, 18, 277.	5.5	12
81	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. Nature, 2020, 586, 763-768.	27.8	376
82	Markers of cholesterol synthesis are elevated in adolescents and young adults with type 2 diabetes. Pediatric Diabetes, 2020, 21, 1126-1131.	2.9	5
83	Interactomics Analyses of Wild-Type and Mutant A1CF Reveal Diverged Functions in Regulating Cellular Lipid Metabolism. Journal of Proteome Research, 2020, 19, 3968-3980.	3.7	2
84	Metabolomic Signatures of Long-term Coffee Consumption and Risk of Type 2 Diabetes in Women. Diabetes Care, 2020, 43, 2588-2596.	8.6	27
85	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
86	Metabolic Architecture of Acute Exercise Response in Middle-Aged Adults in the Community. Circulation, 2020, 142, 1905-1924.	1.6	65
87	Plasticity of ether lipids promotes ferroptosis susceptibility and evasion. Nature, 2020, 585, 603-608.	27.8	420
88	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. Nature Genetics, 2020, 52, 969-983.	21.4	146
89	A metastasis map of human cancer cell lines. Nature, 2020, 588, 331-336.	27.8	214
90	Plasmalogens Mediate Age-Related Changes in Bronchodilator Response for Individuals with Asthma. , 2020, , .		0

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91	Metabolomic Effects of Hormone Therapy and Associations With Coronary Heart Disease Among Postmenopausal Women. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002977.	3.6	4
92	Genetic and Circulating Biomarker Data Improve Risk Prediction for Pancreatic Cancer in the General Population. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 999-1008.	2.5	19
93	Plasma Metabolomics Profiles are Associated with the Amount and Source of Protein Intake: A Metabolomics Approach within the PREDIMED Study. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000178.	3.3	17
94	Comparison of Proteomic Assessment Methods in Multiple Cohort Studies. <i>Proteomics</i> , 2020, 20, e1900278.	2.2	103
95	EDEM3 Modulates Plasma Triglyceride Level through Its Regulation of LRP1 Expression. <i>IScience</i> , 2020, 23, 100973.	4.1	8
96	The Mediterranean diet, plasma metabolome, and cardiovascular disease risk. <i>European Heart Journal</i> , 2020, 41, 2645-2656.	2.2	138
97	Hepatic NADH reductive stress underlies common variation in metabolic traits. <i>Nature</i> , 2020, 583, 122-126.	27.8	108
98	Metabolic signatures associated with Western and Prudent dietary patterns in women. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 268-283.	4.7	18
99	A Metabolomics Analysis of Adiposity and Advanced Prostate Cancer Risk in the Health Professionals Follow-Up Study. <i>Metabolites</i> , 2020, 10, 99.	2.9	12
100	Plasmalogens Mediate the Effect of Age on Bronchodilator Response in Individuals With Asthma. <i>Frontiers in Medicine</i> , 2020, 7, 38.	2.6	12
101	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474.	28.9	147
102	Global chemical effects of the microbiome include new bile-acid conjugations. <i>Nature</i> , 2020, 579, 123-129.	27.8	316
103	Cytochrome P450 oxidoreductase contributes to phospholipid peroxidation in ferroptosis. <i>Nature Chemical Biology</i> , 2020, 16, 302-309.	8.0	396
104	Glycolysis/gluconeogenesis- and tricarboxylic acid cycle-related metabolites, Mediterranean diet, and type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 835-844.	4.7	56
105	Metabolomic Profiling of Left Ventricular Diastolic Dysfunction in Women With or at Risk for HIV Infection: The Women's Interagency HIV Study. <i>Journal of the American Heart Association</i> , 2020, 9, e013522.	3.7	9
106	Portal Venous Metabolite Profiling After RYGB in Male Rats Highlights Changes in Gut-Liver Axis. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa003.	0.2	3
107	Metabolites Associated with Walking Ability Among the Oldest Old from the CHS All Stars Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 2371-2378.	3.6	5
108	A Prospective Analysis of Circulating Plasma Metabolites Associated with Ovarian Cancer Risk. <i>Cancer Research</i> , 2020, 80, 1357-1367.	0.9	54

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109	Growth effects of N-acylethanolamines on gut bacteria reflect altered bacterial abundances in inflammatory bowel disease. <i>Nature Microbiology</i> , 2020, 5, 486-497.	13.3	59
110	REDD1 loss reprograms lipid metabolism to drive progression of <i>RAS</i> mutant tumors. <i>Genes and Development</i> , 2020, 34, 751-766.	5.9	30
111	Circulating plasma metabolites and risk of rheumatoid arthritis in the Nurses' Health Study. <i>Rheumatology</i> , 2020, 59, 3369-3379.	1.9	21
112	Plasma Metabolomic Markers of Insulin Resistance and Diabetes and Rate of Incident Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2020, 10, 1011-1021.	2.8	5
113	Abstract MP46: Metabolomic Response to Randomized Treatment With Estrogen and Estrogen Plus Progestin Therapy in Postmenopausal Women. <i>Circulation</i> , 2020, 141, .	1.6	1
114	Glycerol-3-phosphate is an FGF23 regulator derived from the injured kidney. <i>Journal of Clinical Investigation</i> , 2020, 130, 1513-1526.	8.2	75
115	Proteomic and Metabolomic Correlates of Healthy Dietary Patterns: The Framingham Heart Study. <i>Nutrients</i> , 2020, 12, 1476.	4.1	46
116	1938-P: The Gut Microbiota Is Critical for the Beneficial Metabolic Effects of Palmitic Acid Hydroxy Stearic Acids (PAHSAs) in Diet-Induced Obese Mice. <i>Diabetes</i> , 2020, 69, .	0.6	0
117	Abstract NG13: Metabolomic adaptations and correlates of survival to immune checkpoint blockade. , 2020, , .		0
118	Abstract 17285: Metabolite-Derived Network Reveals Cluster of Acylcholine Metabolites Associated With Better Diet Quality and Lower Prevalence of Type 2 Diabetes: Findings From the Boston Puerto Rican Health Study. <i>Circulation</i> , 2020, 142, .	1.6	0
119	Metabolite Profiles of Healthy Aging Index Are Associated With Cardiovascular Disease in African Americans: The Health, Aging, and Body Composition Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 68-72.	3.6	13
120	Changes in arginine are inversely associated with type 2 diabetes: A case-cohort study in the PREDIMED trial. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 397-401.	4.4	16
121	Metabolome-Wide Association Study of the Relationship Between Habitual Physical Activity and Plasma Metabolite Levels. <i>American Journal of Epidemiology</i> , 2019, 188, 1932-1943.	3.4	26
122	High plasma glutamate and low glutamine-to-glutamate ratio are associated with type 2 diabetes: Case-cohort study within the PREDIMED trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 1040-1049.	2.6	58
123	Predictive metabolomic profiling of microbial communities using amplicon or metagenomic sequences. <i>Nature Communications</i> , 2019, 10, 3136.	12.8	176
124	Identifying Metabolomic Profiles of Insulinemic Dietary Patterns (OR31-03-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz037. OR31-03-19.	0.3	0
125	Plasma Metabolites Associated with Frequent Red Wine Consumption: A Metabolomics Approach within the PREDIMED Study. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900140.	3.3	20
126	Inter-generational link of obesity in term and preterm births: role of maternal plasma acylcarnitines. <i>International Journal of Obesity</i> , 2019, 43, 1967-1977.	3.4	9

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127	Identification and Application of Gene Expression Signatures Associated with Lifespan Extension. <i>Cell Metabolism</i> , 2019, 30, 573-593.e8.	16.2	113
128	Association of Lipidomic Profiles With Progression of Carotid Artery Atherosclerosis in HIV Infection. <i>JAMA Cardiology</i> , 2019, 4, 1239.	6.1	26
129	Metabolite Profiles of Incident Diabetes and Heterogeneity of Treatment Effect in the Diabetes Prevention Program. <i>Diabetes</i> , 2019, 68, 2337-2349.	0.6	22
130	Lysine pathway metabolites and the risk of type 2 diabetes and cardiovascular disease in the PREDIMED study: results from two case-cohort studies. <i>Cardiovascular Diabetology</i> , 2019, 18, 151.	6.8	34
131	Type 1 diabetes is associated with an increase in cholesterol absorption markers but a decrease in cholesterol synthesis markers in a young adult population. <i>Journal of Clinical Lipidology</i> , 2019, 13, 940-946.	1.5	15
132	A library of human gut bacterial isolates paired with longitudinal multiomics data enables mechanistic microbiome research. <i>Nature Medicine</i> , 2019, 25, 1442-1452.	30.7	255
133	Pharmacometabolomics of Bronchodilator Response in Asthma and the Role of Age-Metabolite Interactions. <i>Metabolites</i> , 2019, 9, 179.	2.9	13
134	Metabolomic adaptations and correlates of survival to immune checkpoint blockade. <i>Nature Communications</i> , 2019, 10, 4346.	12.8	139
135	Postdiagnosis Loss of Skeletal Muscle, but Not Adipose Tissue, Is Associated with Shorter Survival of Patients with Advanced Pancreatic Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 2062-2069.	2.5	26
136	Polyunsaturated Fatty Acid Desaturation Is a Mechanism for Glycolytic NAD ⁺ Recycling. <i>Cell Metabolism</i> , 2019, 29, 856-870.e7.	16.2	87
137	Maternal triacylglycerol signature and risk of food allergy in offspring. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 729-737.	2.9	12
138	Meta-omics analysis of elite athletes identifies a performance-enhancing microbe that functions via lactate metabolism. <i>Nature Medicine</i> , 2019, 25, 1104-1109.	30.7	477
139	Identifying Metabolomic Profiles of Insulinemic Dietary Patterns. <i>Metabolites</i> , 2019, 9, 120.	2.9	15
140	Multi-omics of the gut microbial ecosystem in inflammatory bowel diseases. <i>Nature</i> , 2019, 569, 655-662.	27.8	1,638
141	Selenium Deficiency Is Associated with Pro-longevity Mechanisms. <i>Cell Reports</i> , 2019, 27, 2785-2797.e3.	6.4	56
142	Bacteroides-Derived Sphingolipids Are Critical for Maintaining Intestinal Homeostasis and Symbiosis. <i>Cell Host and Microbe</i> , 2019, 25, 668-680.e7.	11.0	274
143	The landscape of cancer cell line metabolism. <i>Nature Medicine</i> , 2019, 25, 850-860.	30.7	350
144	Metabolites Associated with Vigor to Frailty Among Community-Dwelling Older Black Men. <i>Metabolites</i> , 2019, 9, 83.	2.9	24

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145	Plasma Metabolites Associated with Coffee Consumption: A Metabolomic Approach within the PREDIMED Study. <i>Nutrients</i> , 2019, 11, 1032.	4.1	16
146	Steroid Hormone Function Controls Non-competitive Plasmodium Development in Anopheles. <i>Cell</i> , 2019, 177, 315-325.e14.	28.9	72
147	A GPX4-dependent cancer cell state underlies the clear-cell morphology and confers sensitivity to ferroptosis. <i>Nature Communications</i> , 2019, 10, 1617.	12.8	499
148	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. <i>American Journal of Epidemiology</i> , 2019, 188, 991-1012.	3.4	81
149	Prediagnostic plasma metabolomics and the risk of amyotrophic lateral sclerosis. <i>Neurology</i> , 2019, 92, 10.1212/WNL.0000000000007401.	1.1	26
150	Plasma metabolites predict both insulin resistance and incident type 2 diabetes: a metabolomics approach within the Prevención con Dieta Mediterránea (PREDIMED) study. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 626-634.	4.7	30
151	Elevated Plasma Ceramides Are Associated With Antiretroviral Therapy Use and Progression of Carotid Artery Atherosclerosis in HIV Infection. <i>Circulation</i> , 2019, 139, 2003-2011.	1.6	30
152	Metabolites related to purine catabolism and risk of type 2 diabetes incidence; modifying effects of the TCF7L2-rs7903146 polymorphism. <i>Scientific Reports</i> , 2019, 9, 2892.	3.3	36
153	The Adaptive Proline Response in <i>P. falciparum</i> Is Independent of Pf-eIK1 and eIF2 \pm Signaling. <i>ACS Infectious Diseases</i> , 2019, 5, 515-520.	3.8	5
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