

# Clary B Clish

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

365  
papers

38,623  
citations

96  
h-index

192  
g-index

442  
ext. papers

50,207  
ext. citations

13.4  
avg, IF

7.04  
L-index

#	Paper	IF	Citations
365	Circulating metabolite profile in young adulthood identifies long-term diabetes susceptibility: the Coronary Artery Risk Development in Young Adults (CARDIA) study.. <i>Diabetologia</i> , <b>2022</b> , 65, 657	10.3	0
364	Plasma metabolomic profiles for colorectal cancer precursors in women.. <i>European Journal of Epidemiology</i> , <b>2022</b> , 1	12.1	2
363	Protein prediction for trait mapping in diverse populations.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264341	3.7	0
362	Metabolomic profiling reveals extensive adrenal suppression due to inhaled corticosteroid therapy in asthma.. <i>Nature Medicine</i> , <b>2022</b> ,	50.5	3
361	Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data.. <i>Nature Genetics</i> , <b>2022</b> ,	36.3	6
360	Presurgical blood metabolites and risk of postsurgical pelvic pain in young patients with endometriosis.. <i>Fertility and Sterility</i> , <b>2022</b> ,	4.8	1
359	Dietary lignans, plasma enterolactone levels, and metabolic risk in men: exploring the role of the gut microbiome.. <i>BMC Microbiology</i> , <b>2022</b> , 22, 82	4.5	2
358	Human gut bacteria produce $\gamma$ -modulating bile acid metabolites.. <i>Nature</i> , <b>2022</b> ,	50.4	20
357	Plasma metabolite profiles related to plant-based diets and the risk of type 2 diabetes.. <i>Diabetologia</i> , <b>2022</b> , 1	10.3	1
356	Intrapersonal Stability of Plasma Metabolomic Profiles over 10 Years among Women. <i>Metabolites</i> , <b>2022</b> , 12, 372	5.6	0
355	Integrative Analysis of Circulating Metabolite Levels That Correlate With Physical Activity and Cardiorespiratory Fitness.. <i>Circulation Genomic and Precision Medicine</i> , <b>2022</b> , 101161CIRCGEN121003592 <sup>5.2</sup>		
354	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> , <b>2022</b> , 5, 362	6.7	0
353	Changes in metabolomics profiles over ten years and subsequent risk of developing type 2 diabetes: Results from the Nurses' Health Study.. <i>EBioMedicine</i> , <b>2021</b> , 75, 103799	8.8	3
352	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> , <b>2021</b> ,	10.2	3
351	A high-resolution HLA reference panel capturing global population diversity enables multi-ancestry fine-mapping in HIV host response. <i>Nature Genetics</i> , <b>2021</b> , 53, 1504-1516	36.3	7
350	Tricarboxylic acid cycle related-metabolites and risk of atrial fibrillation and heart failure. <i>Metabolism: Clinical and Experimental</i> , <b>2021</b> , 125, 154915	12.7	0
349	Walnut Consumption, Plasma Metabolomics, and Risk of Type 2 Diabetes and Cardiovascular Disease. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 303-311	4.1	6

348	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> , <b>2021</b> , 26, 3315-3327	15.1	8
347	Targeting a Braf/Mapk pathway rescues podocyte lipid peroxidation in CoQ-deficiency kidney disease. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	8
346	Metabolomic Markers of Southern Dietary Patterns in the Jackson Heart Study. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2000796	5.9	0
345	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> , <b>2021</b> , 118,	11.5	6
344	: Paired Untargeted LC-HRMS Metabolomics Feature Matching and Concatenation of Disparately Acquired Data Sets. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 5028-5036	7.8	3
343	Role of dietary fiber in the recovery of the human gut microbiome and its metabolome. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 394-407.e5	23.4	32
342	FATTY ACID SYNTHESIS IS REQUIRED FOR BREAST CANCER BRAIN METASTASIS. <i>Nature Cancer</i> , <b>2021</b> , 2, 414-428	15.4	31
341	Metabolomic profiling identifies complex lipid species and amino acid analogues associated with response to weight loss interventions. <i>PLoS ONE</i> , <b>2021</b> , 16, e0240764	3.7	3
340	Improving host-directed therapy for tuberculous meningitis by linking clinical and multi-omics data. <i>Tuberculosis</i> , <b>2021</b> , 128, 102085	2.6	1
339	Circulating amino acids and amino acid-related metabolites and risk of breast cancer among predominantly premenopausal women. <i>Npj Breast Cancer</i> , <b>2021</b> , 7, 54	7.8	1
338	Glycolysis Metabolites and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Trial. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	2
337	Plasma Metabolomic Signatures of Healthy Dietary Patterns in the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 2894-2907	4.1	2
336	Genome sequencing unveils a regulatory landscape of platelet reactivity. <i>Nature Communications</i> , <b>2021</b> , 12, 3626	17.4	6
335	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> , <b>2021</b> ,	19.2	16
334	SIRT4 is an early regulator of branched-chain amino acid catabolism that promotes adipogenesis. <i>Cell Reports</i> , <b>2021</b> , 36, 109345	10.6	5
333	Branched-Chain Amino Acids and Risk of Breast Cancer. <i>JNCI Cancer Spectrum</i> , <b>2021</b> , 5, pkab059	4.6	2
332	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> , <b>2021</b> , 76, 378-384	6.4	6
331	Potential causal role of l-glutamine in sickle cell disease painful crises: A Mendelian randomization analysis. <i>Blood Cells, Molecules, and Diseases</i> , <b>2021</b> , 86, 102504	2.1	3

330	Choline Metabolism and Risk of Atrial Fibrillation and Heart Failure in the PREDIMED Study. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 288-297	5.5	10
329	Lipid Profiles and Heart Failure Risk: Results From Two Prospective Studies. <i>Circulation Research</i> , <b>2021</b> , 128, 309-320	15.7	5
328	Plasma Metabolomic Profiles of Glycemic Index, Glycemic Load, and Carbohydrate Quality Index in the PREDIMED Study. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 50-58	4.1	2
327	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> , <b>2021</b> , 106, 999-1010	5.6	4
326	Regulation of purine metabolism connects KCTD13 to a metabolic disorder with autistic features. <i>IScience</i> , <b>2021</b> , 24, 101935	6.1	1
325	Circulating markers of NADH-reductive stress correlate with mitochondrial disease severity. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	20
324	Association of Prediagnostic Blood Metabolomics with Prostate Cancer Defined by ERG or PTEN Molecular Subtypes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2021</b> , 30, 1000-1008	4	0
323	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , <b>2021</b> , 590, 290-299	50.4	268
322	Dairy consumption, plasma metabolites, and risk of type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 163-174	7	9
321	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> , <b>2021</b> , 114, 1646-1654	7	6
320	Multi-omics reveal microbial determinants impacting responses to biologic therapies in inflammatory bowel disease. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 1294-1304.e4	23.4	16
319	Metabolic modeling of single Th17 cells reveals regulators of autoimmunity. <i>Cell</i> , <b>2021</b> , 184, 4168-4185.e712	57.2	30
318	Cycling cancer persister cells arise from lineages with distinct programs. <i>Nature</i> , <b>2021</b> , 596, 576-582	50.4	39
317	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> , <b>2021</b> , 9,	4.5	2
316	Harnessing the Potential of Multiomics Studies for Precision Medicine in Infectious Disease. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, ofab483	1	0
315	Plasma metabolomic profiles associated with chronic distress in women. <i>Psychoneuroendocrinology</i> , <b>2021</b> , 133, 105420	5	0
314	Metabolomic Profiles and Heart Failure Risk in Black Adults: Insights From the Jackson Heart Study. <i>Circulation: Heart Failure</i> , <b>2021</b> , 14, e007275	7.6	6
313	Mitochondrial dysfunction in inflammatory bowel disease alters intestinal epithelial metabolism of hepatic acylcarnitines. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	11

312	A metastasis map of human cancer cell lines. <i>Nature</i> , <b>2020</b> , 588, 331-336	50.4	76
311	Metabolomic Effects of Hormone Therapy and Associations With Coronary Heart Disease Among Postmenopausal Women. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e002977	5.2	2
310	Genetic and Circulating Biomarker Data Improve Risk Prediction for Pancreatic Cancer in the General Population. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 999-1008	4	7
309	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> , <b>2020</b> , 64, e2000178	5.9	5
308	Comparison of Proteomic Assessment Methods in Multiple Cohort Studies. <i>Proteomics</i> , <b>2020</b> , 20, e1900278	27	27
307	EDEM3 Modulates Plasma Triglyceride Level through Its Regulation of LRP1 Expression. <i>iScience</i> , <b>2020</b> , 23, 100973	6.1	4
306	The Mediterranean diet, plasma metabolome, and cardiovascular disease risk. <i>European Heart Journal</i> , <b>2020</b> , 41, 2645-2656	9.5	54
305	Hepatic NADH reductive stress underlies common variation in metabolic traits. <i>Nature</i> , <b>2020</b> , 583, 122-126	36.4	44
304	Metabolic signatures associated with Western and Prudent dietary patterns in women. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 112, 268-283	7	8
303	A Metabolomics Analysis of Adiposity and Advanced Prostate Cancer Risk in the Health Professionals Follow-Up Study. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	6
302	Plasmalogens Mediate the Effect of Age on Bronchodilator Response in Individuals With Asthma. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 38	4.9	6
301	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , <b>2020</b> , 181, 1464-1474	56.2	51
300	Global chemical effects of the microbiome include new bile-acid conjugations. <i>Nature</i> , <b>2020</b> , 579, 123-129	30.4	129
299	Cytochrome P450 oxidoreductase contributes to phospholipid peroxidation in ferroptosis. <i>Nature Chemical Biology</i> , <b>2020</b> , 16, 302-309	11.7	144
298	Glycolysis/gluconeogenesis- and tricarboxylic acid cycle-related metabolites, Mediterranean diet, and type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 111, 835-844	7	19
297	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> , <b>2020</b> , 9, e013522	6	5
296	Portal Venous Metabolite Profiling After RYGB in Male Rats Highlights Changes in Gut-Liver Axis. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4, bvaa003	0.4	1
295	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> , <b>2020</b> , 75, 2371-2378	6.4	1

294	A Prospective Analysis of Circulating Plasma Metabolites Associated with Ovarian Cancer Risk. <i>Cancer Research</i> , <b>2020</b> , 80, 1357-1367	10.1	18
293	Growth effects of N-acylethanolamines on gut bacteria reflect altered bacterial abundances in inflammatory bowel disease. <i>Nature Microbiology</i> , <b>2020</b> , 5, 486-497	26.6	25
292	REDD1 loss reprograms lipid metabolism to drive progression of mutant tumors. <i>Genes and Development</i> , <b>2020</b> , 34, 751-766	12.6	16
291	Glycerol-3-phosphate is an FGF23 regulator derived from the injured kidney. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 1513-1526	15.9	36
290	Proteomic and Metabolomic Correlates of Healthy Dietary Patterns: The Framingham Heart Study. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	17
289	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> , <b>2020</b> , 69, 1938-P	0.9	
288	Circulating Lysophosphatidylcholines, Phosphatidylcholines, Ceramides, and Sphingomyelins and Ovarian Cancer Risk: A 23-Year Prospective Study. <i>Journal of the National Cancer Institute</i> , <b>2020</b> , 112, 628-636	9.7	15
287	Metabolomic profiles associated with all-cause mortality in the Women's Health Initiative. <i>International Journal of Epidemiology</i> , <b>2020</b> , 49, 289-300	7.8	7
286	Identification of 102 Correlations between Serum Metabolites and Habitual Diet in a Metabolomics Study of the Prostate, Lung, Colorectal, and Ovarian Cancer Trial. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 694-703 <sup>4.1</sup>	4.1	9
285	Metabolomic markers of antepartum depression and suicidal ideation. <i>Journal of Affective Disorders</i> , <b>2020</b> , 262, 422-428	6.6	10
284	Comprehensive Metabolic Phenotyping Refines Cardiovascular Risk in Young Adults. <i>Circulation</i> , <b>2020</b> , 142, 2110-2127	16.7	11
283	Dissemination and analysis of the quality assurance (QA) and quality control (QC) practices of LC-MS based untargeted metabolomics practitioners. <i>Metabolomics</i> , <b>2020</b> , 16, 113	4.7	16
282	Postpartum plasma metabolomic profile among women with preeclampsia and preterm delivery: implications for long-term health. <i>BMC Medicine</i> , <b>2020</b> , 18, 277	11.4	3
281	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , <b>2020</b> , 586, 763-768	50.4	127
280	Markers of cholesterol synthesis are elevated in adolescents and young adults with type 2 diabetes. <i>Pediatric Diabetes</i> , <b>2020</b> , 21, 1126-1131	3.6	2
279	Interactomics Analyses of Wild-Type and Mutant A1CF Reveal Diverged Functions in Regulating Cellular Lipid Metabolism. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 3968-3980	5.6	
278	Metabolomic Signatures of Long-term Coffee Consumption and Risk of Type 2 Diabetes in Women. <i>Diabetes Care</i> , <b>2020</b> , 43, 2588-2596	14.6	10
277	High Plasma Glutamate and a Low Glutamine-to-Glutamate Ratio Are Associated with Increased Risk of Heart Failure but Not Atrial Fibrillation in the Prevenció con Dieta Mediterrànea (PREDIMED) Study. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 2882-2889	4.1	3

276	Metabolic Architecture of Acute Exercise Response in Middle-Aged Adults in the Community. <i>Circulation</i> , <b>2020</b> , 142, 1905-1924	16.7	26
275	Plasticity of ether lipids promotes ferroptosis susceptibility and evasion. <i>Nature</i> , <b>2020</b> , 585, 603-608	50.4	121
274	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. <i>Nature Genetics</i> , <b>2020</b> , 52, 969-983	36.3	33
273	Identifying metabolomic profiles of inflammatory diets in postmenopausal women. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 1478-1490	5.9	11
272	Differential Metabolomic Signatures in Patients with Weight Regain and Sustained Weight Loss After Gastric Bypass Surgery: A Pilot Study. <i>Digestive Diseases and Sciences</i> , <b>2020</b> , 65, 1144-1154	4	7
271	Circulating plasma metabolites and risk of rheumatoid arthritis in the Nurses' Health Study. <i>Rheumatology</i> , <b>2020</b> , 59, 3369-3379	3.9	8
270	Plasma Metabolomic Markers of Insulin Resistance and Diabetes and Rate of Incident Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , <b>2020</b> , 10, 1011-1021	5.3	2
269	A library of human gut bacterial isolates paired with longitudinal multiomics data enables mechanistic microbiome research. <i>Nature Medicine</i> , <b>2019</b> , 25, 1442-1452	50.5	125
268	Pharmacometabolomics of Bronchodilator Response in Asthma and the Role of Age-Metabolite Interactions. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	6
267	Metabolomic adaptations and correlates of survival to immune checkpoint blockade. <i>Nature Communications</i> , <b>2019</b> , 10, 4346	17.4	89
266	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> , <b>2019</b> , 28, 2062-2069	4	10
265	Polyunsaturated Fatty Acid Desaturation Is a Mechanism for Glycolytic NAD Recycling. <i>Cell Metabolism</i> , <b>2019</b> , 29, 856-870.e7	24.6	42
264	Maternal triacylglycerol signature and risk of food allergy in offspring. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 144, 729-737	11.5	4
263	Meta-omics analysis of elite athletes identifies a performance-enhancing microbe that functions via lactate metabolism. <i>Nature Medicine</i> , <b>2019</b> , 25, 1104-1109	50.5	242
262	Identifying Metabolomic Profiles of Insulinemic Dietary Patterns. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	8
261	Multi-omics of the gut microbial ecosystem in inflammatory bowel diseases. <i>Nature</i> , <b>2019</b> , 569, 655-662	50.4	761
260	Selenium Deficiency Is Associated with Pro-longevity Mechanisms. <i>Cell Reports</i> , <b>2019</b> , 27, 2785-2797.e3	10.6	35
259	Bacteroides-Derived Sphingolipids Are Critical for Maintaining Intestinal Homeostasis and Symbiosis. <i>Cell Host and Microbe</i> , <b>2019</b> , 25, 668-680.e7	23.4	112

258	The landscape of cancer cell line metabolism. <i>Nature Medicine</i> , <b>2019</b> , 25, 850-860	50.5	188
257	Metabolites Associated with Vigor to Frailty Among Community-Dwelling Older Black Men. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	15
256	Plasma Metabolites Associated with Coffee Consumption: A Metabolomic Approach within the PREDIMED Study. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	11
255	Steroid Hormone Function Controls Non-competitive Plasmodium Development in Anopheles. <i>Cell</i> , <b>2019</b> , 177, 315-325.e14	56.2	33
254	A GPX4-dependent cancer cell state underlies the clear-cell morphology and confers sensitivity to ferroptosis. <i>Nature Communications</i> , <b>2019</b> , 10, 1617	17.4	218
253	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 991-1012	3.8	44
252	Prediagnostic plasma metabolomics and the risk of amyotrophic lateral sclerosis. <i>Neurology</i> , <b>2019</b> , 92, e2089-e2100	6.5	20
251	Plasma metabolites predict both insulin resistance and incident type 2 diabetes: a metabolomics approach within the Prevenci3 con Dieta Mediterr3nea (PREDIMED) study. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 109, 626-634	7	19
250	Elevated Plasma Ceramides Are Associated With Antiretroviral Therapy Use and Progression of Carotid Artery Atherosclerosis in HIV Infection. <i>Circulation</i> , <b>2019</b> , 139, 2003-2011	16.7	21
249	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> , <b>2019</b> , 74, 68-72	6.4	9
248	Changes in arginine are inversely associated with type 2 diabetes: A case-cohort study in the PREDIMED trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 397-401	6.7	10
247	Metabolome-Wide Association Study of the Relationship Between Habitual Physical Activity and Plasma Metabolite Levels. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 1932-1943	3.8	10
246	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> , <b>2019</b> , 29, 1040-1049	4.5	26
245	Predictive metabolomic profiling of microbial communities using amplicon or metagenomic sequences. <i>Nature Communications</i> , <b>2019</b> , 10, 3136	17.4	89
244	Identifying Metabolomic Profiles of Insulinemic Dietary Patterns (OR31-03-19). <i>Current Developments in Nutrition</i> , <b>2019</b> , 3,	0.4	78
243	Plasma Metabolites Associated with Frequent Red Wine Consumption: A Metabolomics Approach within the PREDIMED Study. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1900140	5.9	13
242	Inter-generational link of obesity in term and preterm births: role of maternal plasma acylcarnitines. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 1967-1977	5.5	3
241	Identification and Application of Gene Expression Signatures Associated with Lifespan Extension. <i>Cell Metabolism</i> , <b>2019</b> , 30, 573-593.e8	24.6	55



240	Association of Lipidomic Profiles With Progression of Carotid Artery Atherosclerosis in HIV Infection. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 1239-1249	16.2	16
239	Metabolite Profiles of Incident Diabetes and Heterogeneity of Treatment Effect in the Diabetes Prevention Program. <i>Diabetes</i> , <b>2019</b> , 68, 2337-2349	0.9	13
238	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> , <b>2019</b> , 18, 151	8.7	13
237	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> , <b>2019</b> , 13, 940-946	4.9	9
236	1507-P: Baseline Metabolite Profiles of Incident Type 2 Diabetes and Heterogeneity of Treatment Effect in the Diabetes Prevention Program (DPP). <i>Diabetes</i> , <b>2019</b> , 68, 1507-P	0.9	0
235	1912-P: Portal Vein Metabolomic Profiling Highlights One-Carbon Metabolism as a Key Pathway Affected by Roux-en-Y Gastric Bypass Surgery. <i>Diabetes</i> , <b>2019</b> , 68, 1912-P	0.9	
234	1574-P: Plasma Glycolysis/Gluconeogenesis and TCA-Related Metabolites, Mediterranean Dietary Pattern, and Risk of Type 2 Diabetes. <i>Diabetes</i> , <b>2019</b> , 68, 1574-P	0.9	
233	Metabolites related to purine catabolism and risk of type 2 diabetes incidence; modifying effects of the TCF7L2-rs7903146 polymorphism. <i>Scientific Reports</i> , <b>2019</b> , 9, 2892	4.9	12
232	The Adaptive Proline Response in <i>P. falciparum</i> Is Independent of Pfk1 and eIF2 $\beta$ Signaling. <i>ACS Infectious Diseases</i> , <b>2019</b> , 5, 515-520	5.5	1
231	Metabolic Control of Astrocyte Pathogenic Activity via cPLA2-MAVS. <i>Cell</i> , <b>2019</b> , 179, 1483-1498.e22	56.2	59
230	Plasma acylcarnitines and progression of carotid artery atherosclerosis in HIV infection. <i>Aids</i> , <b>2019</b> , 33, 1043-1052	3.5	2
229	Reactive metabolite production is a targetable liability of glycolytic metabolism in lung cancer. <i>Nature Communications</i> , <b>2019</b> , 10, 5604	17.4	25
228	MetProc: Separating Measurement Artifacts from True Metabolites in an Untargeted Metabolomics Experiment. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 1446-1450	5.6	6
227	Towards quality assurance and quality control in untargeted metabolomics studies. <i>Metabolomics</i> , <b>2019</b> , 15, 4	4.7	63
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223	Gut microbiome structure and metabolic activity in inflammatory bowel disease. <i>Nature Microbiology</i> , <b>2019</b> , 4, 293-305	26.6	512

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