List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Chronically elevated branched chain amino acid levels are pro-arrhythmic. Cardiovascular Research, 2022, 118, 1742-1757.	3.8	24
2	First mitochondrial genome-wide association study with metabolomics. Human Molecular Genetics, 2022, 31, 3367-3376.	2.9	4
3	Integrative metabolomicsâ€genomics approach reveals key metabolic pathways and regulators of Alzheimer's disease. Alzheimer's and Dementia, 2022, 18, 1260-1278.	0.8	57
4	<i>APOE</i> ε2 resilience for Alzheimer's disease is mediated by plasma lipid species: Analysis of three independent cohort studies. Alzheimer's and Dementia, 2022, 18, 2151-2166.	0.8	16
5	Metabolomic and inflammatory signatures of symptom dimensions in major depression. Brain, Behavior, and Immunity, 2022, 102, 42-52.	4.1	33
6	Genomics-based identification of a potential causal role for acylcarnitine metabolism in depression. Journal of Affective Disorders, 2022, 307, 254-263.	4.1	10
7	Effects of Acute and Chronic Resistance Exercise on the Skeletal Muscle Metabolome. Metabolites, 2022, 12, 445.	2.9	9
8	Ratios of Acetaminophen Metabolites Identify New Loci of Pharmacogenetic Relevance in a Genome-Wide Association Study. Metabolites, 2022, 12, 496.	2.9	4
9	Comprehensive genetic analysis of the human lipidome identifies loci associated with lipid homeostasis with links to coronary artery disease. Nature Communications, 2022, 13, .	12.8	30
10	Emerging approaches to multiple chronic condition assessment. Journal of the American Geriatrics Society, 2022, 70, 2498-2507.	2.6	4
11	Robust Huber-LASSO for improved prediction of protein, metabolite and gene expression levels relying on individual genotype data. Briefings in Bioinformatics, 2021, 22, .	6.5	10
12	Multi-omics integration in biomedical research – A metabolomics-centric review. Analytica Chimica Acta, 2021, 1141, 144-162.	5.4	125
13	A cross-platform approach identifies genetic regulators of human metabolism and health. Nature Genetics, 2021, 53, 54-64.	21.4	117
14	Serum metabolites associated with brain amyloid beta deposition, cognition and dementia progression. Brain Communications, 2021, 3, fcab139.	3.3	21
15	Validation of Candidate Phospholipid Biomarkers of Chronic Kidney Disease in Hyperglycemic Individuals and Their Organ-Specific Exploration in Leptin Receptor-Deficient db/db Mouse. Metabolites, 2021, 11, 89.	2.9	10
16	Plasma metabolites to profile pathways in noncommunicable disease multimorbidity. Nature Medicine, 2021, 27, 471-479.	30.7	81
17	A metabolome-wide association study in the general population reveals decreased levels of serum laurylcarnitine in people with depression. Molecular Psychiatry, 2021, 26, 7372-7383.	7.9	23
18	Physiological extremes of the human blood metabolome: A metabolomics analysis of highly glycolytic, oxidative, and anabolic athletes. Physiological Reports, 2021, 9, e14885.	1.7	18

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19	Salivary metabolites associated with a 5-year tooth loss identified in a population-based setting. BMC Medicine, 2021, 19, 161.	5.5	9
20	Correlation guided Network Integration (CoNI) reveals novel genes affecting hepatic metabolism. Molecular Metabolism, 2021, 53, 101295.	6.5	4
21	Indoxyl sulfate, a gut microbiome-derived uremic toxin, is associated with psychic anxiety and its functional magnetic resonance imaging-based neurologic signature. Scientific Reports, 2021, 11, 21011.	3.3	37
22	Mapping the proteo-genomic convergence of human diseases. Science, 2021, 374, eabj1541.	12.6	192
23	Lipidomic signatures for APOE genotypes provides new insights about mechanisms of resilience in Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
24	Gut microbiomeâ€related metabolites in plasma are associated with general cognition. Alzheimer's and Dementia, 2021, 17, .	0.8	0
25	Investigating the importance of acylcarnitines in Alzheimer's disease Alzheimer's and Dementia, 2021, 17 Suppl 3, e056647.	0.8	1
26	A proof of concept study towards multi-omics-based computational drug repositioning in Alzheimer's disease Alzheimer's and Dementia, 2021, 17 Suppl 3, e056673.	0.8	0
27	Machine Learning Approaches Reveal Metabolic Signatures of Incident Chronic Kidney Disease in Individuals With Prediabetes and Type 2 Diabetes. Diabetes, 2020, 69, 2756-2765.	0.6	33
28	A strategy to incorporate prior knowledge into correlation network cutoff selection. Nature Communications, 2020, 11, 5153.	12.8	13
29	Blood Metabolomic Profiling Confirms and Identifies Biomarkers of Food Intake. Metabolites, 2020, 10, 468.	2.9	13
30	A Workflow for Missing Values Imputation of Untargeted Metabolomics Data. Metabolites, 2020, 10, 486.	2.9	20
31	Metabolic Network Analysis Reveals Altered Bile Acid Synthesis and Metabolism in Alzheimer's Disease. Cell Reports Medicine, 2020, 1, 100138.	6.5	102
32	Intergenerational Metabolomic Analysis of Mothers with a History of Gestational Diabetes Mellitus and Their Offspring. International Journal of Molecular Sciences, 2020, 21, 9647.	4.1	7
33	Genetic architecture of host proteins involved in SARS-CoV-2 infection. Nature Communications, 2020, 11, 6397.	12.8	71
34	Trans-right ventricle and transpulmonary metabolite gradients in human pulmonary arterial hypertension. Heart, 2020, 106, 1332-1341.	2.9	20
35	Associations between adipose tissue volume and small molecules in plasma and urine among asymptomatic subjects from the general population. Scientific Reports, 2020, 10, 1487.	3.3	9
36	Sex and APOE ε4 genotype modify the Alzheimer's disease serum metabolome. Nature Communications, 2020, 11, 1148.	12.8	115

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37	Metabolite Concentration Changes in Humans After a Bout of Exercise: a Systematic Review of Exercise Metabolomics Studies. Sports Medicine - Open, 2020, 6, 11.	3.1	127
38	Genetic studies of urinary metabolites illuminate mechanisms of detoxification and excretion in humans. Nature Genetics, 2020, 52, 167-176.	21.4	101
39	Genome-wide scan identifies novel genetic loci regulating salivary metabolite levels. Human Molecular Genetics, 2020, 29, 864-875.	2.9	13
40	<i>MoDentify</i> : phenotype-driven module identification in metabolomics networks at different resolutions. Bioinformatics, 2019, 35, 532-534.	4.1	13
41	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. Nature Communications, 2019, 10, 3346.	12.8	188
42	Association of Altered Liver Enzymes With Alzheimer Disease Diagnosis, Cognition, Neuroimaging Measures, and Cerebrospinal Fluid Biomarkers. JAMA Network Open, 2019, 2, e197978.	5.9	142
43	Plasma Metabolomics to Identify and Stratify Patients With Impaired Glucose Tolerance. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 6357-6370.	3.6	16
44	Bile acids targeted metabolomics and medication classification data in the ADNI1 and ADNIGO/2 cohorts. Scientific Data, 2019, 6, 212.	5.3	15
45	A Thyroid Hormone-Independent Molecular Fingerprint of 3,5-Diiodothyronine Suggests a Strong Relationship with Coffee Metabolism in Humans. Thyroid, 2019, 29, 1743-1754.	4.5	12
46	Dynamic modelling of an ACADS genotype in fatty acid oxidation – Application of cellular models for the analysis of common genetic variants. PLoS ONE, 2019, 14, e0216110.	2.5	1
47	Metabolic signature associated with parameters of the complete blood count in apparently healthy individuals. Journal of Cellular and Molecular Medicine, 2019, 23, 5144-5153.	3.6	5
48	Characterization of Bulk Phosphatidylcholine Compositions in Human Plasma Using Side-Chain Resolving Lipidomics. Metabolites, 2019, 9, 109.	2.9	15
49	Metabolomics Identifies Novel Blood Biomarkers of Pulmonary Function and COPD in the General Population. Metabolites, 2019, 9, 61.	2.9	30
50	Metabolomics signature associated with circulating serum selenoprotein P levels. Endocrine, 2019, 64, 486-495.	2.3	9
51	Altered bile acid profile associates with cognitive impairment in Alzheimer's disease—An emerging role for gut microbiome. Alzheimer's and Dementia, 2019, 15, 76-92.	0.8	396
52	Altered bile acid profile in mild cognitive impairment and Alzheimer's disease: Relationship to neuroimaging and CSF biomarkers. Alzheimer's and Dementia, 2019, 15, 232-244.	0.8	198
53	Deep molecular phenotypes link complex disorders and physiological insult to CpG methylation. Human Molecular Genetics, 2018, 27, 1106-1121.	2.9	30
54	5â€Associations of maternal type 1 diabetes with childhood adiposity and metabolic health in the offspring. , 2018, , .		0

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55	Genome-Wide Association Studies of Metabolite Concentrations (mGWAS): Relevance for Nephrology. Seminars in Nephrology, 2018, 38, 151-174.	1.6	32
56	Characterization of missing values in untargeted MS-based metabolomics data and evaluation of missing data handling strategies. Metabolomics, 2018, 14, 128.	3.0	138
57	Analysis of repeated leukocyte DNA methylation assessments reveals persistent epigenetic alterations after an incident myocardial infarction. Clinical Epigenetics, 2018, 10, 161.	4.1	20
58	Molecular Fingerprints of Iron Parameters among a Population-Based Sample. Nutrients, 2018, 10, 1800.	4.1	3
59	A network-based conditional genetic association analysis of the human metabolome. GigaScience, 2018, 7, .	6.4	13
60	Hepatic Steatosis Is Associated With Adverse Molecular Signatures in Subjects Without Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3856-3868.	3.6	24
61	Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. Scientific Reports, 2018, 8, 15249.	3.3	42
62	Metabolomic profiling implicates adiponectin as mediator of a favorable lipoprotein profile associated with NT-proBNP. Cardiovascular Diabetology, 2018, 17, 120.	6.8	19
63	The fecal metabolome as a functional readout of the gut microbiome. Nature Genetics, 2018, 50, 790-795.	21.4	482
64	Accelerated lipid catabolism and autophagy are cancer survival mechanisms under inhibited glutaminolysis. Cancer Letters, 2018, 430, 133-147.	7.2	54
65	Comprehensive Metabolic Profiling Reveals a Lipid-Rich Fingerprint of Free Thyroxine Far Beyond Classic Parameters. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2050-2060.	3.6	8
66	Ldlr and ApoE mice better mimic the human metabolite signature of increased carotid intima media thickness compared to other animal models of cardiovascular disease. Atherosclerosis, 2018, 276, 140-147.	0.8	13
67	Associations of maternal type 1 diabetes with childhood adiposity and metabolic health in the offspring: a prospective cohort study. Diabetologia, 2018, 61, 2319-2332.	6.3	22
68	Instability of personal human metabotype is linked to all-cause mortality. Scientific Reports, 2018, 8, 9810.	3.3	16
69	Connecting genetic risk to disease end points through the human blood plasma proteome. Nature Communications, 2017, 8, 14357.	12.8	460
70	Response to Comment on Adam et al. Metformin Effect on Nontargeted Metabolite Profiles in Patients With Type 2 Diabetes and in Multiple Murine Tissues. Diabetes 2016;65:3776–3785. Diabetes, 2017, 66, e3-e4.	0.6	1
71	Genetic diagnosis of Mendelian disorders via RNA sequencing. Nature Communications, 2017, 8, 15824.	12.8	432
72	Automated pathway and reaction prediction facilitates in silico identification of unknown metabolites in human cohort studies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1071, 58-67.	2.3	16

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73	Metabolic network failures in Alzheimer's disease: A biochemical roadÂmap. Alzheimer's and Dementia, 2017, 13, 965-984.	0.8	362
74	Evidence for Stress-like Alterations in the HPA-Axis in Women Taking Oral Contraceptives. Scientific Reports, 2017, 7, 14111.	3.3	51
75	Targeted metabolomics and medication classification data from participants in the ADNI1 cohort. Scientific Data, 2017, 4, 170140.	5.3	49
76	Metabolomic Profiling of Longâ€Term Weight Change: Role of Oxidative Stress and Urate Levels in Weight Gain. Obesity, 2017, 25, 1618-1624.	3.0	23
77	Activated macrophages control human adipocyte mitochondrial bioenergetics via secreted factors. Molecular Metabolism, 2017, 6, 1226-1239.	6.5	25
78	Sex-specific metabolic profiles of androgens and its main binding protein SHBC in a middle aged population without diabetes. Scientific Reports, 2017, 7, 2235.	3.3	12
79	Metabolites of milk intake: a metabolomic approach in UK twins with findings replicated in two European cohorts. European Journal of Nutrition, 2017, 56, 2379-2391.	3.9	24
80	Phenotype-driven identification of modules in a hierarchical map of multifluid metabolic correlations. Npj Systems Biology and Applications, 2017, 3, 28.	3.0	21
81	From Discovery to Translation: Characterization of C-Mannosyltryptophan and Pseudouridine as Markers of Kidney Function. Scientific Reports, 2017, 7, 17400.	3.3	31
82	pulver: an R package for parallel ultra-rapid p-value computation for linear regression interaction terms. BMC Bioinformatics, 2017, 18, 429.	2.6	1
83	Metabomatching: Using genetic association to identify metabolites in proton NMR spectroscopy. PLoS Computational Biology, 2017, 13, e1005839.	3.2	17
84	Comprehensive metabolic profiling of chronic low-grade inflammation among generally healthy individuals. BMC Medicine, 2017, 15, 210.	5.5	91
85	Comprehensive metabolic characterization of serum osteocalcin action in a large non-diabetic sample. PLoS ONE, 2017, 12, e0184721.	2.5	0
86	Alterations in Lipid and Inositol Metabolisms in Two Dopaminergic Disorders. PLoS ONE, 2016, 11, e0147129.	2.5	31
87	The Pharmacogenetic Footprint of ACE Inhibition: A Population-Based Metabolomics Study. PLoS ONE, 2016, 11, e0153163.	2.5	13
88	Short-term NO ₂ exposure is associated with long-chain fatty acids in prospective cohorts from Augsburg, Germany: results from an analysis of 138 metabolites and three exposures. International Journal of Epidemiology, 2016, 45, 1528-1538.	1.9	27
89	Metabolomics enables precision medicine: "A White Paper, Community Perspective― Metabolomics, 2016, 12, 149.	3.0	434
90	Exploring the molecular basis of age-related disease comorbidities using a multi-omics graphical model. Scientific Reports, 2016, 6, 37646.	3.3	45

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91	Characterization of the metabolic profile associated with serum 25-hydroxyvitamin D: a cross-sectional analysis in population-based data. International Journal of Epidemiology, 2016, 45, 1469-1481.	1.9	19
92	Metformin Effect on Nontargeted Metabolite Profiles in Patients With Type 2 Diabetes and in Multiple Murine Tissues. Diabetes, 2016, 65, 3776-3785.	0.6	49
93	Lactation is associated with altered metabolomic signatures in women with gestational diabetes. Diabetologia, 2016, 59, 2193-2202.	6.3	20
94	Non-targeted metabolomics combined with genetic analyses identifies bile acid synthesis and phospholipid metabolism as being associated with incident type 2 diabetes. Diabetologia, 2016, 59, 2114-2124.	6.3	74
95	Cardiovascular Risk Factors Associated With Blood Metabolite Concentrations and Their Alterations During a 4-Year Period in a Population-Based Cohort. Circulation: Cardiovascular Genetics, 2016, 9, 487-494.	5.1	30
96	Metabolic Fingerprints of Circulating IGF-1 and the IGF-1/IGFBP-3 Ratio: A Multifluid Metabolomics Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4730-4742.	3.6	18
97	Diagnostic and Prognostic Metabolites Identified for Joint Symptoms in the KORA Population. Journal of Proteome Research, 2016, 15, 554-562.	3.7	2
98	Liver lipid metabolism is altered by increased circulating estrogen to androgen ratio in male mouse. Journal of Proteomics, 2016, 133, 66-75.	2.4	7
99	A Metabolome-Wide Association Study of Kidney Function and Disease in the General Population. Journal of the American Society of Nephrology: JASN, 2016, 27, 1175-1188.	6.1	159
100	Biochemical insights from population studies with genetics and metabolomics. Archives of Biochemistry and Biophysics, 2016, 589, 168-176.	3.0	46
101	Urine Metabolite Profiles Predictive of Human Kidney Allograft Status. Journal of the American Society of Nephrology: JASN, 2016, 27, 626-636.	6.1	58
102	Genetic Influences on Metabolite Levels: A Comparison across Metabolomic Platforms. PLoS ONE, 2016, 11, e0153672.	2.5	69
103	Metabolomics profiling reveals novel markers for leukocyte telomere length. Aging, 2016, 8, 77-86.	3.1	33
104	Integration of â€~omics' data in aging research: from biomarkers to systems biology. Aging Cell, 2015, 14, 933-944.	6.7	103
105	Pre-Analytical Sample Quality: Metabolite Ratios as an Intrinsic Marker for Prolonged Room Temperature Exposure of Serum Samples. PLoS ONE, 2015, 10, e0121495.	2.5	88
106	Genome-Wide Association Study with Targeted and Non-targeted NMR Metabolomics Identifies 15 Novel Loci of Urinary Human Metabolic Individuality. PLoS Genetics, 2015, 11, e1005487.	3.5	83
107	Gender-specific pathway differences in the human serum metabolome. Metabolomics, 2015, 11, 1815-1833.	3.0	218
108	An omics investigation into chronic widespread musculoskeletal pain reveals epiandrosterone sulfate as a potential biomarker. Pain, 2015, 156, 1845-1851.	4.2	54

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109	<i>SNiPA</i> : an interactive, genetic variant-centered annotation browser. Bioinformatics, 2015, 31, 1334-1336.	4.1	273
110	Genetics of human metabolism: an update. Human Molecular Genetics, 2015, 24, R93-R101.	2.9	117
111	Nonadditive Effects of Genes in Human Metabolomics. Genetics, 2015, 200, 707-718.	2.9	24
112	Vitamin E supplementation is associated with lower levels of C-reactive protein only in higher dosages and combined with other antioxidants: The Cooperative Health Research in the Region of Augsburg (KORA) F4 study. British Journal of Nutrition, 2015, 113, 1782-1791.	2.3	14
113	Multi-omic signature of body weight change: results from a population-based cohort study. BMC Medicine, 2015, 13, 48.	5.5	69
114	Effects of Metformin on Metabolite Profiles and LDL Cholesterol in Patients With Type 2 Diabetes. Diabetes Care, 2015, 38, 1858-1867.	8.6	97
115	A systems view of type 2 diabetes-associated metabolic perturbations in saliva, blood and urine at different timescales of glycaemic control. Diabetologia, 2015, 58, 1855-1867.	6.3	80
116	Metabolomic Identification of a Novel Pathway of Blood Pressure Regulation Involving Hexadecanedioate. Hypertension, 2015, 66, 422-429.	2.7	90
117	Network-Based Approach for Analyzing Intra- and Interfluid Metabolite Associations in Human Blood, Urine, and Saliva. Journal of Proteome Research, 2015, 14, 1183-1194.	3.7	40
118	The Human Blood Metabolome-Transcriptome Interface. PLoS Genetics, 2015, 11, e1005274.	3.5	99
119	HoPaCI-DB: host- <i>Pseudomonas</i> and <i>Coxiella</i> interaction database. Nucleic Acids Research, 2014, 42, D671-D676.	14.5	21
120	Epigenetics meets metabolomics: an epigenome-wide association study with blood serum metabolic traits. Human Molecular Genetics, 2014, 23, 534-545.	2.9	169
121	Metabolite profiling reveals new insights into the regulation of serum urate in humans. Metabolomics, 2014, 10, 141-151.	3.0	51
122	Associations between thyroid hormones and serum metabolite profiles in an euthyroid population. Metabolomics, 2014, 10, 152-164.	3.0	21
123	Long term conservation of human metabolic phenotypes and link to heritability. Metabolomics, 2014, 10, 1005-1017.	3.0	58
124	An atlas of genetic influences on human blood metabolites. Nature Genetics, 2014, 46, 543-550.	21.4	1,084
125	Metabolomics of Ramadan fasting: an opportunity for the controlled study of physiological responses to food intake. Journal of Translational Medicine, 2014, 12, 161.	4.4	27
126	Metabolomics approach reveals effects of antihypertensives and lipid-lowering drugs on the human metabolism. European Journal of Epidemiology, 2014, 29, 325-336.	5.7	72

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127	Comparative analysis of plasma metabolomics response to metabolic challenge tests in healthy subjects and influence of the FTO obesity risk allele. Metabolomics, 2014, 10, 386-401.	3.0	16
128	Biomarkers for Type 2 Diabetes and Impaired Fasting Glucose Using a Nontargeted Metabolomics Approach. Diabetes, 2013, 62, 4270-4276.	0.6	356
129	Metabolomic profiles in individuals with negative affectivity and social inhibition: A population-based study of Type D personality. Psychoneuroendocrinology, 2013, 38, 1299-1309.	2.7	37
130	Early Metabolic Markers of the Development of Dysglycemia and Type 2 Diabetes and Their Physiological Significance. Diabetes, 2013, 62, 1730-1737.	0.6	307
131	Identification and MS-assisted interpretation of genetically influenced NMR signals in human plasma. Genome Medicine, 2013, 5, 13.	8.2	23
132	HSC-Explorer: A Curated Database for Hematopoietic Stem Cells. PLoS ONE, 2013, 8, e70348.	2.5	17
133	Plasma Metabolomics Reveal Alterations of Sphingo- and Glycerophospholipid Levels in Non-Diabetic Carriers of the Transcription Factor 7-Like 2 Polymorphism rs7903146. PLoS ONE, 2013, 8, e78430.	2.5	21
134	Mining the Unknown: A Systems Approach to Metabolite Identification Combining Genetic and Metabolic Information. PLoS Genetics, 2012, 8, e1003005.	3.5	170
135	The dynamic range of the human metabolome revealed by challenges. FASEB Journal, 2012, 26, 2607-2619.	0.5	268
136	CIDeR: multifactorial interaction networks in human diseases. Genome Biology, 2012, 13, R62.	9.6	28
137	Body Fat Free Mass Is Associated with the Serum Metabolite Profile in a Population-Based Study. PLoS ONE, 2012, 7, e40009.	2.5	95
138	Genetic associations with lipoprotein subfractions provide information on their biological nature. Human Molecular Genetics, 2012, 21, 1433-1443.	2.9	28
139	Systems Biology Meets Metabolism. , 2012, , 281-313.		1
140	Mouse phenotyping. Methods, 2011, 53, 120-135.	3.8	128
141	Human metabolic individuality in biomedical and pharmaceutical research. Nature, 2011, 477, 54-60.	27.8	916
142	Differences between Human Plasma and Serum Metabolite Profiles. PLoS ONE, 2011, 6, e21230.	2.5	350
143	Questionnaire-based self-reported nutrition habits associate with serum metabolism as revealed by quantitative targeted metabolomics. European Journal of Epidemiology, 2011, 26, 145-156.	5.7	74
144	metaP-Server: A Web-Based Metabolomics Data Analysis Tool. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-7.	3.0	60

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145	A genome-wide perspective of genetic variation in human metabolism. Nature Genetics, 2010, 42, 137-141.	21.4	618
146	PEDANT covers all complete RefSeq genomes. Nucleic Acids Research, 2009, 37, D408-D411.	14.5	97
147	Variation in the human lipidome associated with coffee consumption as revealed by quantitative targeted metabolomics. Molecular Nutrition and Food Research, 2009, 53, 1357-1365.	3.3	52
148	Uncovering metabolic pathways relevant to phenotypic traits of microbial genomes. Genome Biology, 2009, 10, R28.	9.6	39
149	An environmental perspective on large-scale genome clustering based on metabolic capabilities. Bioinformatics, 2008, 24, i56-i62.	4.1	7
150	The PEDANT genome database. Nucleic Acids Research, 2003, 31, 207-211.	14.5	110
151	3D Shape Histograms for Similarity Search and Classification in Spatial Databases. Lecture Notes in Computer Science, 1999, , 207-226.	1.3	319