

# Gabi Kastenmüller

## List of Publications by Year in descending order

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Version: 2024-02-01

151  
papers

13,384  
citations

34016

52  
h-index

27345

106  
g-index

174  
all docs

174  
docs citations

174  
times ranked

21411  
citing authors

#	ARTICLE	IF	CITATIONS
1	An atlas of genetic influences on human blood metabolites. <i>Nature Genetics</i> , 2014, 46, 543-550.	9.4	1,084
2	Human metabolic individuality in biomedical and pharmaceutical research. <i>Nature</i> , 2011, 477, 54-60.	13.7	916
3	A genome-wide perspective of genetic variation in human metabolism. <i>Nature Genetics</i> , 2010, 42, 137-141.	9.4	618
4	The fecal metabolome as a functional readout of the gut microbiome. <i>Nature Genetics</i> , 2018, 50, 790-795.	9.4	482
5	Connecting genetic risk to disease end points through the human blood plasma proteome. <i>Nature Communications</i> , 2017, 8, 14357.	5.8	460
6	Metabolomics enables precision medicine: "A White Paper, Community Perspective" <i>Metabolomics</i> , 2016, 12, 149.	1.4	434
7	Genetic diagnosis of Mendelian disorders via RNA sequencing. <i>Nature Communications</i> , 2017, 8, 15824.	5.8	432
8	Altered bile acid profile associates with cognitive impairment in Alzheimer's disease"An emerging role for gut microbiome. <i>Alzheimer's and Dementia</i> , 2019, 15, 76-92.	0.4	396
9	Metabolic network failures in Alzheimer's disease: A biochemical roadmap. <i>Alzheimer's and Dementia</i> , 2017, 13, 965-984.	0.4	362
10	Biomarkers for Type 2 Diabetes and Impaired Fasting Glucose Using a Nontargeted Metabolomics Approach. <i>Diabetes</i> , 2013, 62, 4270-4276.	0.3	356
11	Differences between Human Plasma and Serum Metabolite Profiles. <i>PLoS ONE</i> , 2011, 6, e21230.	1.1	350
12	3D Shape Histograms for Similarity Search and Classification in Spatial Databases. <i>Lecture Notes in Computer Science</i> , 1999, , 207-226.	1.0	319
13	Early Metabolic Markers of the Development of Dysglycemia and Type 2 Diabetes and Their Physiological Significance. <i>Diabetes</i> , 2013, 62, 1730-1737.	0.3	307
14	<i>SNiPA</i>: an interactive, genetic variant-centered annotation browser. <i>Bioinformatics</i> , 2015, 31, 1334-1336.	1.8	273
15	The dynamic range of the human metabolome revealed by challenges. <i>FASEB Journal</i> , 2012, 26, 2607-2619.	0.2	268
16	Gender-specific pathway differences in the human serum metabolome. <i>Metabolomics</i> , 2015, 11, 1815-1833.	1.4	218
17	Altered bile acid profile in mild cognitive impairment and Alzheimer's disease: Relationship to neuroimaging and CSF biomarkers. <i>Alzheimer's and Dementia</i> , 2019, 15, 232-244.	0.4	198
18	Mapping the proteo-genomic convergence of human diseases. <i>Science</i> , 2021, 374, eabj1541.	6.0	192

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19	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019, 10, 3346.	5.8	188
20	Mining the Unknown: A Systems Approach to Metabolite Identification Combining Genetic and Metabolic Information. <i>PLoS Genetics</i> , 2012, 8, e1003005.	1.5	170
21	Epigenetics meets metabolomics: an epigenome-wide association study with blood serum metabolic traits. <i>Human Molecular Genetics</i> , 2014, 23, 534-545.	1.4	169
22	A Metabolome-Wide Association Study of Kidney Function and Disease in the General Population. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1175-1188.	3.0	159
23	Association of Altered Liver Enzymes With Alzheimer Disease Diagnosis, Cognition, Neuroimaging Measures, and Cerebrospinal Fluid Biomarkers. <i>JAMA Network Open</i> , 2019, 2, e197978.	2.8	142
24	Characterization of missing values in untargeted MS-based metabolomics data and evaluation of missing data handling strategies. <i>Metabolomics</i> , 2018, 14, 128.	1.4	138
25	Mouse phenotyping. <i>Methods</i> , 2011, 53, 120-135.	1.9	128
26	Metabolite Concentration Changes in Humans After a Bout of Exercise: a Systematic Review of Exercise Metabolomics Studies. <i>Sports Medicine - Open</i> , 2020, 6, 11.	1.3	127
27	Multi-omics integration in biomedical research – A metabolomics-centric review. <i>Analytica Chimica Acta</i> , 2021, 1141, 144-162.	2.6	125
28	Genetics of human metabolism: an update. <i>Human Molecular Genetics</i> , 2015, 24, R93-R101.	1.4	117
29	A cross-platform approach identifies genetic regulators of human metabolism and health. <i>Nature Genetics</i> , 2021, 53, 54-64.	9.4	117
30	Sex and APOE $\epsilon$ 4 genotype modify the Alzheimer's disease serum metabolome. <i>Nature Communications</i> , 2020, 11, 1148.	5.8	115
31	The PEDANT genome database. <i>Nucleic Acids Research</i> , 2003, 31, 207-211.	6.5	110
32	Integration of "omics" data in aging research: from biomarkers to systems biology. <i>Aging Cell</i> , 2015, 14, 933-944.	3.0	103
33	Metabolic Network Analysis Reveals Altered Bile Acid Synthesis and Metabolism in Alzheimer's Disease. <i>Cell Reports Medicine</i> , 2020, 1, 100138.	3.3	102
34	Genetic studies of urinary metabolites illuminate mechanisms of detoxification and excretion in humans. <i>Nature Genetics</i> , 2020, 52, 167-176.	9.4	101
35	The Human Blood Metabolome-Transcriptome Interface. <i>PLoS Genetics</i> , 2015, 11, e1005274.	1.5	99
36	PEDANT covers all complete RefSeq genomes. <i>Nucleic Acids Research</i> , 2009, 37, D408-D411.	6.5	97

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37	Effects of Metformin on Metabolite Profiles and LDL Cholesterol in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 1858-1867.	4.3	97
38	Body Fat Free Mass Is Associated with the Serum Metabolite Profile in a Population-Based Study. <i>PLoS ONE</i> , 2012, 7, e40009.	1.1	95
39	Comprehensive metabolic profiling of chronic low-grade inflammation among generally healthy individuals. <i>BMC Medicine</i> , 2017, 15, 210.	2.3	91
40	Metabolomic Identification of a Novel Pathway of Blood Pressure Regulation Involving Hexadecanedioate. <i>Hypertension</i> , 2015, 66, 422-429.	1.3	90
41	Pre-Analytical Sample Quality: Metabolite Ratios as an Intrinsic Marker for Prolonged Room Temperature Exposure of Serum Samples. <i>PLoS ONE</i> , 2015, 10, e0121495.	1.1	88
42	Genome-Wide Association Study with Targeted and Non-targeted NMR Metabolomics Identifies 15 Novel Loci of Urinary Human Metabolic Individuality. <i>PLoS Genetics</i> , 2015, 11, e1005487.	1.5	83
43	Plasma metabolites to profile pathways in noncommunicable disease multimorbidity. <i>Nature Medicine</i> , 2021, 27, 471-479.	15.2	81
44	A systems view of type 2 diabetes-associated metabolic perturbations in saliva, blood and urine at different timescales of glycaemic control. <i>Diabetologia</i> , 2015, 58, 1855-1867.	2.9	80
45	Questionnaire-based self-reported nutrition habits associate with serum metabolism as revealed by quantitative targeted metabolomics. <i>European Journal of Epidemiology</i> , 2011, 26, 145-156.	2.5	74
46	Non-targeted metabolomics combined with genetic analyses identifies bile acid synthesis and phospholipid metabolism as being associated with incident type 2 diabetes. <i>Diabetologia</i> , 2016, 59, 2114-2124.	2.9	74
47	Metabolomics approach reveals effects of antihypertensives and lipid-lowering drugs on the human metabolism. <i>European Journal of Epidemiology</i> , 2014, 29, 325-336.	2.5	72
48	Genetic architecture of host proteins involved in SARS-CoV-2 infection. <i>Nature Communications</i> , 2020, 11, 6397.	5.8	71
49	Multi-omic signature of body weight change: results from a population-based cohort study. <i>BMC Medicine</i> , 2015, 13, 48.	2.3	69
50	Genetic Influences on Metabolite Levels: A Comparison across Metabolomic Platforms. <i>PLoS ONE</i> , 2016, 11, e0153672.	1.1	69
51	metaP-Server: A Web-Based Metabolomics Data Analysis Tool. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-7.	3.0	60
52	Long term conservation of human metabolic phenotypes and link to heritability. <i>Metabolomics</i> , 2014, 10, 1005-1017.	1.4	58
53	Urine Metabolite Profiles Predictive of Human Kidney Allograft Status. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 626-636.	3.0	58
54	Integrative metabolomics and genomics approach reveals key metabolic pathways and regulators of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2022, 18, 1260-1278.	0.4	57

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55	An omics investigation into chronic widespread musculoskeletal pain reveals epiandrosterone sulfate as a potential biomarker. <i>Pain</i> , 2015, 156, 1845-1851.	2.0	54
56	Accelerated lipid catabolism and autophagy are cancer survival mechanisms under inhibited glutaminolysis. <i>Cancer Letters</i> , 2018, 430, 133-147.	3.2	54
57	Variation in the human lipidome associated with coffee consumption as revealed by quantitative targeted metabolomics. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 1357-1365.	1.5	52
58	Metabolite profiling reveals new insights into the regulation of serum urate in humans. <i>Metabolomics</i> , 2014, 10, 141-151.	1.4	51
59	Evidence for Stress-like Alterations in the HPA-Axis in Women Taking Oral Contraceptives. <i>Scientific Reports</i> , 2017, 7, 14111.	1.6	51
60	Metformin Effect on Nontargeted Metabolite Profiles in Patients With Type 2 Diabetes and in Multiple Murine Tissues. <i>Diabetes</i> , 2016, 65, 3776-3785.	0.3	49
61	Targeted metabolomics and medication classification data from participants in the ADNI1 cohort. <i>Scientific Data</i> , 2017, 4, 170140.	2.4	49
62	Biochemical insights from population studies with genetics and metabolomics. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 168-176.	1.4	46
63	Exploring the molecular basis of age-related disease comorbidities using a multi-omics graphical model. <i>Scientific Reports</i> , 2016, 6, 37646.	1.6	45
64	Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. <i>Scientific Reports</i> , 2018, 8, 15249.	1.6	42
65	Network-Based Approach for Analyzing Intra- and Interfluid Metabolite Associations in Human Blood, Urine, and Saliva. <i>Journal of Proteome Research</i> , 2015, 14, 1183-1194.	1.8	40
66	Uncovering metabolic pathways relevant to phenotypic traits of microbial genomes. <i>Genome Biology</i> , 2009, 10, R28.	13.9	39
67	Metabolomic profiles in individuals with negative affectivity and social inhibition: A population-based study of Type D personality. <i>Psychoneuroendocrinology</i> , 2013, 38, 1299-1309.	1.3	37
68	Indoxyl sulfate, a gut microbiome-derived uremic toxin, is associated with psychic anxiety and its functional magnetic resonance imaging-based neurologic signature. <i>Scientific Reports</i> , 2021, 11, 21011.	1.6	37
69	Machine Learning Approaches Reveal Metabolic Signatures of Incident Chronic Kidney Disease in Individuals With Prediabetes and Type 2 Diabetes. <i>Diabetes</i> , 2020, 69, 2756-2765.	0.3	33
70	Metabolomics profiling reveals novel markers for leukocyte telomere length. <i>Aging</i> , 2016, 8, 77-86.	1.4	33
71	Metabolomic and inflammatory signatures of symptom dimensions in major depression. <i>Brain, Behavior, and Immunity</i> , 2022, 102, 42-52.	2.0	33
72	Genome-Wide Association Studies of Metabolite Concentrations (mGWAS): Relevance for Nephrology. <i>Seminars in Nephrology</i> , 2018, 38, 151-174.	0.6	32

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73	Alterations in Lipid and Inositol Metabolisms in Two Dopaminergic Disorders. PLoS ONE, 2016, 11, e0147129.	1.1	31
74	From Discovery to Translation: Characterization of C-Mannosyltryptophan and Pseudouridine as Markers of Kidney Function. Scientific Reports, 2017, 7, 17400.	1.6	31
75	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
76	Deep molecular phenotypes link complex disorders and physiological insult to CpG methylation. Human Molecular Genetics, 2018, 27, 1106-1121.	1.4	30
77	Metabolomics Identifies Novel Blood Biomarkers of Pulmonary Function and COPD in the General Population. Metabolites, 2019, 9, 61.	1.3	30
78	Comprehensive genetic analysis of the human lipidome identifies loci associated with lipid homeostasis with links to coronary artery disease. Nature Communications, 2022, 13, .	5.8	30
79	CIDeR: multifactorial interaction networks in human diseases. Genome Biology, 2012, 13, R62.	13.9	28
80	Genetic associations with lipoprotein subfractions provide information on their biological nature. Human Molecular Genetics, 2012, 21, 1433-1443.	1.4	28
81	Metabolomics of Ramadan fasting: an opportunity for the controlled study of physiological responses to food intake. Journal of Translational Medicine, 2014, 12, 161.	1.8	27
82	Short-term NO <sub>2</sub> 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.	0.9	27
83	Activated macrophages control human adipocyte mitochondrial bioenergetics via secreted factors. Molecular Metabolism, 2017, 6, 1226-1239.	3.0	25
84	Nonadditive Effects of Genes in Human Metabolomics. Genetics, 2015, 200, 707-718.	1.2	24
85	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.	1.8	24
86	Hepatic Steatosis Is Associated With Adverse Molecular Signatures in Subjects Without Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3856-3868.	1.8	24
87	Chronically elevated branched chain amino acid levels are pro-arrhythmic. Cardiovascular Research, 2022, 118, 1742-1757.	1.8	24
88	Identification and MS-assisted interpretation of genetically influenced NMR signals in human plasma. Genome Medicine, 2013, 5, 13.	3.6	23
89	Metabolomic Profiling of Long-Term Weight Change: Role of Oxidative Stress and Urate Levels in Weight Gain. Obesity, 2017, 25, 1618-1624.	1.5	23
90	A metabolome-wide association study in the general population reveals decreased levels of serum laurycarnitine in people with depression. Molecular Psychiatry, 2021, 26, 7372-7383.	4.1	23

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91	Associations of maternal type 1 diabetes with childhood adiposity and metabolic health in the offspring: a prospective cohort study. <i>Diabetologia</i> , 2018, 61, 2319-2332.	2.9	22
92	Plasma Metabolomics Reveal Alterations of Sphingo- and Glycerophospholipid Levels in Non-Diabetic Carriers of the Transcription Factor 7-Like 2 Polymorphism rs7903146. <i>PLoS ONE</i> , 2013, 8, e78430.	1.1	21
93	HoPaCI-DB: host- <i>Pseudomonas</i> and <i>Coxiella</i> interaction database. <i>Nucleic Acids Research</i> , 2014, 42, D671-D676.	6.5	21
94	Associations between thyroid hormones and serum metabolite profiles in an euthyroid population. <i>Metabolomics</i> , 2014, 10, 152-164.	1.4	21
95	Phenotype-driven identification of modules in a hierarchical map of multifluid metabolic correlations. <i>Npj Systems Biology and Applications</i> , 2017, 3, 28.	1.4	21
96	Serum metabolites associated with brain amyloid beta deposition, cognition and dementia progression. <i>Brain Communications</i> , 2021, 3, fcab139.	1.5	21
97	Lactation is associated with altered metabolomic signatures in women with gestational diabetes. <i>Diabetologia</i> , 2016, 59, 2193-2202.	2.9	20
98	Analysis of repeated leukocyte DNA methylation assessments reveals persistent epigenetic alterations after an incident myocardial infarction. <i>Clinical Epigenetics</i> , 2018, 10, 161.	1.8	20
99	A Workflow for Missing Values Imputation of Untargeted Metabolomics Data. <i>Metabolites</i> , 2020, 10, 486.	1.3	20
100	Trans-right ventricle and transpulmonary metabolite gradients in human pulmonary arterial hypertension. <i>Heart</i> , 2020, 106, 1332-1341.	1.2	20
101	Characterization of the metabolic profile associated with serum 25-hydroxyvitamin D: a cross-sectional analysis in population-based data. <i>International Journal of Epidemiology</i> , 2016, 45, 1469-1481.	0.9	19
102	Metabolomic profiling implicates adiponectin as mediator of a favorable lipoprotein profile associated with NT-proBNP. <i>Cardiovascular Diabetology</i> , 2018, 17, 120.	2.7	19
103	Metabolic Fingerprints of Circulating IGF-1 and the IGF-1/IGFBP-3 Ratio: A Multifluid Metabolomics Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4730-4742.	1.8	18
104	Physiological extremes of the human blood metabolome: A metabolomics analysis of highly glycolytic, oxidative, and anabolic athletes. <i>Physiological Reports</i> , 2021, 9, e14885.	0.7	18
105	HSC-Explorer: A Curated Database for Hematopoietic Stem Cells. <i>PLoS ONE</i> , 2013, 8, e70348.	1.1	17
106	Metabomatching: Using genetic association to identify metabolites in proton NMR spectroscopy. <i>PLoS Computational Biology</i> , 2017, 13, e1005839.	1.5	17
107	Comparative analysis of plasma metabolomics response to metabolic challenge tests in healthy subjects and influence of the FTO obesity risk allele. <i>Metabolomics</i> , 2014, 10, 386-401.	1.4	16
108	Automated pathway and reaction prediction facilitates in silico identification of unknown metabolites in human cohort studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1071, 58-67.	1.2	16

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109	Instability of personal human metabotype is linked to all-cause mortality. <i>Scientific Reports</i> , 2018, 8, 9810.	1.6	16
110	Plasma Metabolomics to Identify and Stratify Patients With Impaired Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6357-6370.	1.8	16
111	<i>APOE</i> $\epsilon$ 2 resilience for Alzheimer's disease is mediated by plasma lipid species: Analysis of three independent cohort studies. <i>Alzheimer's and Dementia</i> , 2022, 18, 2151-2166.	0.4	16
112	Bile acids targeted metabolomics and medication classification data in the ADNI1 and ADNI2 cohorts. <i>Scientific Data</i> , 2019, 6, 212.	2.4	15
113	Characterization of Bulk Phosphatidylcholine Compositions in Human Plasma Using Side-Chain Resolving Lipidomics. <i>Metabolites</i> , 2019, 9, 109.	1.3	15
114	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. <i>British Journal of Nutrition</i> , 2015, 113, 1782-1791.	1.2	14
115	The Pharmacogenetic Footprint of ACE Inhibition: A Population-Based Metabolomics Study. <i>PLoS ONE</i> , 2016, 11, e0153163.	1.1	13
116	A network-based conditional genetic association analysis of the human metabolome. <i>GigaScience</i> , 2018, 7, .	3.3	13
117	Ldlr and ApoE mice better mimic the human metabolite signature of increased carotid intima media thickness compared to other animal models of cardiovascular disease. <i>Atherosclerosis</i> , 2018, 276, 140-147.	0.4	13
118	<i>MoDenTify</i> : phenotype-driven module identification in metabolomics networks at different resolutions. <i>Bioinformatics</i> , 2019, 35, 532-534.	1.8	13
119	A strategy to incorporate prior knowledge into correlation network cutoff selection. <i>Nature Communications</i> , 2020, 11, 5153.	5.8	13
120	Blood Metabolomic Profiling Confirms and Identifies Biomarkers of Food Intake. <i>Metabolites</i> , 2020, 10, 468.	1.3	13
121	Genome-wide scan identifies novel genetic loci regulating salivary metabolite levels. <i>Human Molecular Genetics</i> , 2020, 29, 864-875.	1.4	13
122	Sex-specific metabolic profiles of androgens and its main binding protein SHBG in a middle aged population without diabetes. <i>Scientific Reports</i> , 2017, 7, 2235.	1.6	12
123	A Thyroid Hormone-Independent Molecular Fingerprint of 3,5-Diiodothyronine Suggests a Strong Relationship with Coffee Metabolism in Humans. <i>Thyroid</i> , 2019, 29, 1743-1754.	2.4	12
124	Robust Huber-LASSO for improved prediction of protein, metabolite and gene expression levels relying on individual genotype data. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	10
125	Validation of Candidate Phospholipid Biomarkers of Chronic Kidney Disease in Hyperglycemic Individuals and Their Organ-Specific Exploration in Leptin Receptor-Deficient db/db Mouse. <i>Metabolites</i> , 2021, 11, 89.	1.3	10
126	Genomics-based identification of a potential causal role for acylcarnitine metabolism in depression. <i>Journal of Affective Disorders</i> , 2022, 307, 254-263.	2.0	10



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127	Metabolomics signature associated with circulating serum selenoprotein P levels. <i>Endocrine</i> , 2019, 64, 486-495.	1.1	9
128	Associations between adipose tissue volume and small molecules in plasma and urine among asymptomatic subjects from the general population. <i>Scientific Reports</i> , 2020, 10, 1487.	1.6	9
129	Salivary metabolites associated with a 5-year tooth loss identified in a population-based setting. <i>BMC Medicine</i> , 2021, 19, 161.	2.3	9
130	Effects of Acute and Chronic Resistance Exercise on the Skeletal Muscle Metabolome. <i>Metabolites</i> , 2022, 12, 445.	1.3	9
131	Comprehensive Metabolic Profiling Reveals a Lipid-Rich Fingerprint of Free Thyroxine Far Beyond Classic Parameters. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 2050-2060.	1.8	8
132	An environmental perspective on large-scale genome clustering based on metabolic capabilities. <i>Bioinformatics</i> , 2008, 24, i56-i62.	1.8	7
133	Liver lipid metabolism is altered by increased circulating estrogen to androgen ratio in male mouse. <i>Journal of Proteomics</i> , 2016, 133, 66-75.	1.2	7
134	Intergenerational Metabolomic Analysis of Mothers with a History of Gestational Diabetes Mellitus and Their Offspring. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9647.	1.8	7
135	Metabolic signature associated with parameters of the complete blood count in apparently healthy individuals. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5144-5153.	1.6	5
136	Correlation guided Network Integration (CoNI) reveals novel genes affecting hepatic metabolism. <i>Molecular Metabolism</i> , 2021, 53, 101295.	3.0	4
137	First mitochondrial genome-wide association study with metabolomics. <i>Human Molecular Genetics</i> , 2022, 31, 3367-3376.	1.4	4
138	Ratios of Acetaminophen Metabolites Identify New Loci of Pharmacogenetic Relevance in a Genome-Wide Association Study. <i>Metabolites</i> , 2022, 12, 496.	1.3	4
139	Emerging approaches to multiple chronic condition assessment. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 2498-2507.	1.3	4
140	Molecular Fingerprints of Iron Parameters among a Population-Based Sample. <i>Nutrients</i> , 2018, 10, 1800.	1.7	3
141	Diagnostic and Prognostic Metabolites Identified for Joint Symptoms in the KORA Population. <i>Journal of Proteome Research</i> , 2016, 15, 554-562.	1.8	2
142	Response to Comment on Adam et al. Metformin Effect on Nontargeted Metabolite Profiles in Patients With Type 2 Diabetes and in Multiple Murine Tissues. <i>Diabetes</i> 2016;65:3776-3785. <i>Diabetes</i> , 2017, 66, e3-e4.	0.3	1
143	pulver: an R package for parallel ultra-rapid p-value computation for linear regression interaction terms. <i>BMC Bioinformatics</i> , 2017, 18, 429.	1.2	1
144	Dynamic modelling of an ACADS genotype in fatty acid oxidation – Application of cellular models for the analysis of common genetic variants. <i>PLoS ONE</i> , 2019, 14, e0216110.	1.1	1

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145	Systems Biology Meets Metabolism. , 2012, , 281-313.		1
146	Investigating the importance of acylcarnitines in Alzheimer's disease.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e056647.	0.4	1
147	Associations of maternal type 1 diabetes with childhood adiposity and metabolic health in the offspring. , 2018, , .		0
148	Comprehensive metabolic characterization of serum osteocalcin action in a large non-diabetic sample. PLoS ONE, 2017, 12, e0184721.	1.1	0
149	Lipidomic signatures for APOE genotypes provides new insights about mechanisms of resilience in Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, .	0.4	0
150	Gut microbiome-related metabolites in plasma are associated with general cognition. Alzheimer's and Dementia, 2021, 17, .	0.4	0
151	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.	0.4	0