

Cornelia Prehn

List of Publications by Year in descending order

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Version: 2024-02-01

171
papers

11,693
citations

28242

55
h-index

31818

101
g-index

176
all docs

176
docs citations

176
times ranked

18168
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre- versus post-operative untargeted plasma nuclear magnetic resonance spectroscopy metabolomics of pheochromocytoma and paraganglioma. <i>Endocrine</i> , 2022, 75, 254-265.	1.1	3
2	Metabolic Signatures of Healthy Lifestyle Patterns and Colorectal Cancer Risk in a European Cohort. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, e1061-e1082.	2.4	23
3	Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study. <i>Cell Reports Medicine</i> , 2022, 3, 100477.	3.3	39
4	TIGER: technical variation elimination for metabolomics data using ensemble learning architecture. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	15
5	Blood and adipose tissue steroid metabolomics and mRNA expression of steroidogenic enzymes in periparturient dairy cows differing in body condition. <i>Scientific Reports</i> , 2022, 12, 2297.	1.6	6
6	Bezafibrate Reduces Elevated Hepatic Fumarate in Insulin-Deficient Mice. <i>Biomedicines</i> , 2022, 10, 616.	1.4	5
7	Circulating Metabolites Associate With and Improve the Prediction of All-Cause Mortality in Type 2 Diabetes. <i>Diabetes</i> , 2022, 71, 1363-1370.	0.3	11
8	Untargeted and Targeted Circadian Metabolomics Using Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) and Flow Injection-Electrospray Ionization-Tandem Mass Spectrometry (FIA-ESI-MS/MS). <i>Methods in Molecular Biology</i> , 2022, , 311-327.	0.4	2
9	Inflammatory macrophage memory in nonsteroidal anti-inflammatory drugâ€“exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 587-599.	1.5	25
10	The liverâ€“alpha cell axis associates with liver fat and insulin resistance: a validation study in women with non-steatotic liver fat levels. <i>Diabetologia</i> , 2021, 64, 512-520.	2.9	26
11	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
12	Cross-sectional and prospective relationships of endogenous progestogens and estrogens with glucose metabolism in men and women: a KORA F4/FF4 Study. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001951.	1.2	7
13	Posterior subcapsular cataracts are a late effect after acute exposure to 0.5â€“Gy ionizing radiation in mice. <i>International Journal of Radiation Biology</i> , 2021, 97, 529-540.	1.0	5
14	Targeted assessment of the metabolome in skeletal muscle and in serum of dairy cows supplemented with conjugated linoleic acid during early lactation. <i>Journal of Dairy Science</i> , 2021, 104, 5095-5109.	1.4	4
15	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
16	The blood metabolome of incident kidney cancer: A caseâ€“control study nested within the MetKid consortium. <i>PLoS Medicine</i> , 2021, 18, e1003786.	3.9	16
17	The Effect of Dietary Protein Imbalance during Pregnancy on the Growth, Metabolism and Circulatory Metabolome of Neonatal and Weaned Juvenile Porcine Offspring. <i>Nutrients</i> , 2021, 13, 3286.	1.7	1
18	Plasma Metabolome Profiling for the Diagnosis of Catecholamine Producing Tumors. <i>Frontiers in Endocrinology</i> , 2021, 12, 722656.	1.5	7

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19	Correlation guided Network Integration (CoNI) reveals novel genes affecting hepatic metabolism. <i>Molecular Metabolism</i> , 2021, 53, 101295.	3.0	4
20	Targeted Metabolomics as a Tool in Discriminating Endocrine From Primary Hypertension. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1111-e1128.	1.8	19
21	Evaluation of Metabolic Profiles of Patients with Anorexia Nervosa at Inpatient Admission, Short- and Long-Term Weight Regain—Descriptive and Pattern Analysis. <i>Metabolites</i> , 2021, 11, 7.	1.3	7
22	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
23	Mouse Age Matters: How Age Affects the Murine Plasma Metabolome. <i>Metabolites</i> , 2020, 10, 472.	1.3	7
24	Whole blood co-expression modules associate with metabolic traits and type 2 diabetes: an IMI-DIRECT study. <i>Genome Medicine</i> , 2020, 12, 109.	3.6	8
25	Mitochondrial Regulation of the 26S Proteasome. <i>Cell Reports</i> , 2020, 32, 108059.	2.9	28
26	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
27	Mendelian Randomization Study on Amino Acid Metabolism Suggests Tyrosine as Causal Trait for Type 2 Diabetes. <i>Nutrients</i> , 2020, 12, 3890.	1.7	8
28	Alterations of the acylcarnitine profiles in blood serum and in muscle from periparturient cows with normal or elevated body condition. <i>Journal of Dairy Science</i> , 2020, 103, 4777-4794.	1.4	9
29	Metabolite Shifts Induced by Marathon Race Competition Differ between Athletes Based on Level of Fitness and Performance: A Substudy of the Enzy-MagIc Study. <i>Metabolites</i> , 2020, 10, 87.	1.3	18
30	Physiological relevance of the neuronal isoform of inositol-1,4,5-trisphosphate 3-kinases in mice. <i>Neuroscience Letters</i> , 2020, 735, 135206.	1.0	3
31	Induction of the nicotinamide riboside kinase NAD ⁺ salvage pathway in a model of sarcoplasmic reticulum dysfunction. <i>Skeletal Muscle</i> , 2020, 10, 5.	1.9	6
32	Impact of maternal smoking associated lyso-phosphatidylcholine 20:3 on offspring brain development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 199, 105591.	1.2	6
33	Proteasome activity and expression of mammalian target of rapamycin signaling factors in skeletal muscle of dairy cows supplemented with conjugated linoleic acids during early lactation. <i>Journal of Dairy Science</i> , 2020, 103, 2829-2846.	1.4	8
34	Metabolome profiling in skeletal muscle to characterize metabolic alterations in over-conditioned cows during the periparturient period. <i>Journal of Dairy Science</i> , 2020, 103, 3730-3744.	1.4	13
35	Functional changes of the liver in the absence of growth hormone (GH) action—Proteomic and metabolomic insights from a GH receptor deficient pig model. <i>Molecular Metabolism</i> , 2020, 36, 100978.	3.0	23
36	Sex hormone-binding globulin, androgens and mortality: the KORA-F4 cohort study. <i>Endocrine Connections</i> , 2020, 9, 326-336.	0.8	12

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37	International Ring Trial of a High Resolution Targeted Metabolomics and Lipidomics Platform for Serum and Plasma Analysis. <i>Analytical Chemistry</i> , 2019, 91, 14407-14416.	3.2	66
38	Biogenic amines: Concentrations in serum and skeletal muscle from late pregnancy until early lactation in dairy cows with high versus normal body condition score. <i>Journal of Dairy Science</i> , 2019, 102, 6571-6586.	1.4	14
39	Mammalian target of rapamycin signaling and ubiquitin-proteasome-related gene expression in skeletal muscle of dairy cows with high or normal body condition score around calving. <i>Journal of Dairy Science</i> , 2019, 102, 11544-11560.	1.4	9
40	Metabolomics meets machine learning: Longitudinal metabolite profiling in serum of normal versus overconditioned cows and pathway analysis. <i>Journal of Dairy Science</i> , 2019, 102, 11561-11585.	1.4	50
41	Multi-omics insights into functional alterations of the liver in insulin-deficient diabetes mellitus. <i>Molecular Metabolism</i> , 2019, 26, 30-44.	3.0	26
42	LC-MS/MS-Based Metabolomics for Cell Cultures. <i>Methods in Molecular Biology</i> , 2019, 1994, 119-130.	0.4	13
43	Ageing Investigation Using Two-Time-Point Metabolomics Data from KORA and CARLA Studies. <i>Metabolites</i> , 2019, 9, 44.	1.3	39
44	Mild maternal hyperglycemia in <i>INS</i> C93S transgenic pigs causes impaired glucose tolerance and metabolic alterations in neonatal offspring. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	10
45	A mouse model for intellectual disability caused by mutations in the X-linked 2-O-methyltransferase <i>Ftsj1</i> gene. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2083-2093.	1.8	17
46	Neutral endopeptidase inhibitors blunt kidney fibrosis by reducing myofibroblast formation. <i>Clinical Science</i> , 2019, 133, 239-252.	1.8	4
47	Acylcarnitine profiles in serum and muscle of dairy cows receiving conjugated linoleic acids or a control fat supplement during early lactation. <i>Journal of Dairy Science</i> , 2019, 102, 754-767.	1.4	20
48	β -RA reduces DMQ/CoQ ratio and rescues the encephalopathic phenotype in <i>Coq9</i> ^{R239X} mice. <i>EMBO Molecular Medicine</i> , 2019, 11, .	3.3	27
49	Metabolic impact of pheochromocytoma/paraganglioma: targeted metabolomics in patients before and after tumor removal. <i>European Journal of Endocrinology</i> , 2019, 181, 647-657.	1.9	19
50	Epigenetic alterations in longevity regulators, reduced life span, and exacerbated aging-related pathology in old father offspring mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2348-E2357.	3.3	102
51	Extracellular Citrate Affects Critical Elements of Cancer Cell Metabolism and Supports Cancer Development <i>In Vivo</i> . <i>Cancer Research</i> , 2018, 78, 2513-2523.	0.4	59
52	Cholesterol metabolism promotes B-cell positioning during immune pathogenesis of chronic obstructive pulmonary disease. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	39
53	Low-level mitochondrial heteroplasmy modulates DNA replication, glucose metabolism and lifespan in mice. <i>Scientific Reports</i> , 2018, 8, 5872.	1.6	26
54	Models including plasma levels of sphingomyelins and phosphatidylcholines as diagnostic and prognostic biomarkers of endometrial cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 178, 312-321.	1.2	43

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55	Cord Blood Lysophosphatidylcholine 16: 1 is Positively Associated with Birth Weight. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 614-624.	1.1	32
56	Fetal Serum Metabolites Are Independently Associated with Gestational Diabetes Mellitus. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 625-638.	1.1	22
57	Postprandial metabolite profiles associated with type 2 diabetes clearly stratify individuals with impaired fasting glucose. <i>Metabolomics</i> , 2018, 14, 13.	1.4	17
58	High-throughput extraction and quantification method for targeted metabolomics in murine tissues. <i>Metabolomics</i> , 2018, 14, 18.	1.4	72
59	Altered metabolism distinguishes high-risk from stable carotid atherosclerotic plaques. <i>European Heart Journal</i> , 2018, 39, 2301-2310.	1.0	104
60	Fgf9 Y162C Mutation Alters Information Processing and Social Memory in Mice. <i>Molecular Neurobiology</i> , 2018, 55, 4580-4595.	1.9	11
61	Long-Term Stability of Human Plasma Metabolites during Storage at $\sim 80^\circ\text{C}$. <i>Journal of Proteome Research</i> , 2018, 17, 203-211.	1.8	114
62	Disruption of glucagon receptor signaling causes hyperaminoacidemia exposing a possible liver-alpha-cell axis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E93-E103.	1.8	84
63	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018, 61, 117-129.	2.9	32
64	Serum metabolites and risk of myocardial infarction and ischemic stroke: a targeted metabolomic approach in two German prospective cohorts. <i>European Journal of Epidemiology</i> , 2018, 33, 55-66.	2.5	63
65	Serum and plasma amino acids as markers of prediabetes, insulin resistance, and incident diabetes. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 21-32.	2.7	92
66	Circulating glutamate concentration as a biomarker of visceral obesity and associated metabolic alterations. <i>Nutrition and Metabolism</i> , 2018, 15, 78.	1.3	37
67	A network-based conditional genetic association analysis of the human metabolome. <i>GigaScience</i> , 2018, 7, .	3.3	13
68	Comparison of metabolite networks from four German population-based studies. <i>International Journal of Epidemiology</i> , 2018, 47, 2070-2081.	0.9	9
69	Instability of personal human metabotype is linked to all-cause mortality. <i>Scientific Reports</i> , 2018, 8, 9810.	1.6	16
70	Circulating steroid levels as correlates of adipose tissue phenotype in premenopausal women. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018, 34, .	0.3	2
71	The human metabolic profile reflects macro- and micronutrient intake distinctly according to fasting time. <i>Scientific Reports</i> , 2018, 8, 12262.	1.6	13
72	Night Shift Work Affects Urine Metabolite Profiles of Nurses with Early Chronotype. <i>Metabolites</i> , 2018, 8, 45.	1.3	13

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73	Improvement of myocardial infarction risk prediction via inflammation-associated metabolite biomarkers. <i>Heart</i> , 2017, 103, 1278-1285.	1.2	38
74	Interlaboratory Reproducibility of a Targeted Metabolomics Platform for Analysis of Human Serum and Plasma. <i>Analytical Chemistry</i> , 2017, 89, 656-665.	3.2	203
75	Stability of targeted metabolite profiles of urine samples under different storage conditions. <i>Metabolomics</i> , 2017, 13, 4.	1.4	50
76	Serum Response Factor (SRF) Ablation Interferes with Acute Stress-Associated Immediate and Long-Term Coping Mechanisms. <i>Molecular Neurobiology</i> , 2017, 54, 8242-8262.	1.9	12
77	Plasma and Serum Metabolite Association Networks: Comparability within and between Studies Using NMR and MS Profiling. <i>Journal of Proteome Research</i> , 2017, 16, 2547-2559.	1.8	43
78	Cortisol-related metabolic alterations assessed by mass spectrometry assay in patients with Cushing's syndrome. <i>European Journal of Endocrinology</i> , 2017, 177, 227-237.	1.9	23
79	LysoPC-acyl C16:0 is associated with brown adipose tissue activity in men. <i>Metabolomics</i> , 2017, 13, 48.	1.4	23
80	Association of Atopic Dermatitis with Cardiovascular Risk Factors and Diseases. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1074-1081.	0.3	73
81	Genetic variants including markers from the exome chip and metabolite traits of type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 6037.	1.6	12
82	Endocrinology Meets Metabolomics: Achievements, Pitfalls, and Challenges. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 705-721.	3.1	29
83	Immediate reduction of serum citrulline but no change of steroid profile after initiation of metformin in individuals with type 2 diabetes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 174, 114-119.	1.2	15
84	The Munich MIDY Pig Biobank – A unique resource for studying organ crosstalk in diabetes. <i>Molecular Metabolism</i> , 2017, 6, 931-940.	3.0	39
85	Metabolomic Signature of Coronary Artery Disease in Type 2 Diabetes Mellitus. <i>International Journal of Endocrinology</i> , 2017, 2017, 1-9.	0.6	6
86	Inter-Laboratory Robustness of Next-Generation Bile Acid Study in Mice and Humans: International Ring Trial Involving 12 Laboratories. <i>Journal of Applied Laboratory Medicine</i> , 2016, 1, 129-142.	0.6	30
87	Physiological changes due to mild cooling in healthy lean males of white Caucasian and South Asian descent: A metabolomics study. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 152-157.	1.4	3
88	Integration of targeted metabolomics and transcriptomics identifies deregulation of phosphatidylcholine metabolism in Huntington's disease peripheral blood samples. <i>Metabolomics</i> , 2016, 12, 137.	1.4	43
89	Metabolomics screening identifies reduced L-carnitine to be associated with progressive emphysema. <i>Clinical Science</i> , 2016, 130, 273-287.	1.8	39
90	Random Survival Forest in practice: a method for modelling complex metabolomics data in time to event analysis. <i>International Journal of Epidemiology</i> , 2016, 45, 1406-1420.	0.9	67

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91	Removing the bottlenecks of cell culture metabolomics: fast normalization procedure, correlation of metabolites to cell number, and impact of the cell harvesting method. <i>Metabolomics</i> , 2016, 12, 151.	1.4	61
92	Lactation is associated with altered metabolomic signatures in women with gestational diabetes. <i>Diabetologia</i> , 2016, 59, 2193-2202.	2.9	20
93	Identification of Serum Metabolites Associated With Incident Hypertension in the European Prospective Investigation Into Cancer and Nutritionâ€Potsdam Study. <i>Hypertension</i> , 2016, 68, 471-477.	1.3	73
94	12-months metabolic changes among gender dysphoric individuals under cross-sex hormone treatment: a targeted metabolomics study. <i>Scientific Reports</i> , 2016, 6, 37005.	1.6	31
95	Cardiovascular Risk Factors Associated With Blood Metabolite Concentrations and Their Alterations During a 4-Year Period in a Population-Based Cohort. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 487-494.	5.1	30
96	Bezafibrate Improves Insulin Sensitivity and Metabolic Flexibility in STZ-Induced Diabetic Mice. <i>Diabetes</i> , 2016, 65, 2540-2552.	0.3	35
97	Associations of anthropometric markers with serum metabolites using a targeted metabolomics approach: results of the EPIC-potsdam study. <i>Nutrition and Diabetes</i> , 2016, 6, e215-e215.	1.5	22
98	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
99	A single night of sleep curtailment increases plasma acylcarnitines: Novel insights in the relationship between sleep and insulin resistance. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 145-151.	1.4	45
100	Metabolic switch during adipogenesis: From branched chain amino acid catabolism to lipid synthesis. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 93-107.	1.4	63
101	Type 2 diabetes is associated with postprandial amino acid measures. <i>Archives of Biochemistry and Biophysics</i> , 2016, 589, 138-144.	1.4	30
102	The First Scube3 Mutant Mouse Line with Pleiotropic Phenotypic Alterations. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 4035-4046.	0.8	9
103	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
104	Amino acids, lipid metabolites, and ferritin as potential mediators linking red meat consumption to type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 1241-1250.	2.2	95
105	Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels. <i>Nature Communications</i> , 2015, 6, 7208.	5.8	178
106	Nonadditive Effects of Genes in Human Metabolomics. <i>Genetics</i> , 2015, 200, 707-718.	1.2	24
107	Heart-specific Knockout of the Mitochondrial Thioredoxin Reductase (<i>Txnrd2</i>) Induces Metabolic and Contractile Dysfunction in the Aging Myocardium. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	54
108	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

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109	Alterations of plasma metabolite profiles related to adipose tissue distribution and cardiometabolic risk. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E736-E746.	1.8	104
110	Changes in the serum metabolite profile in obese children with weight loss. <i>European Journal of Nutrition</i> , 2015, 54, 173-181.	1.8	74
111	Targeted Metabolomics Identifies Reliable and Stable Metabolites in Human Serum and Plasma Samples. <i>PLoS ONE</i> , 2014, 9, e89728.	1.1	196
112	Pleiotropic Functions for Transcription Factor Zscan10. <i>PLoS ONE</i> , 2014, 9, e104568.	1.1	16
113	Interrogating causal pathways linking genetic variants, small molecule metabolites, and circulating lipids. <i>Genome Medicine</i> , 2014, 6, 25.	3.6	17
114	Associations between thyroid hormones and serum metabolite profiles in an euthyroid population. <i>Metabolomics</i> , 2014, 10, 152-164.	1.4	21
115	Increased amino acids levels and the risk of developing of hypertriglyceridemia in a 7-year follow-up. <i>Journal of Endocrinological Investigation</i> , 2014, 37, 369-374.	1.8	36
116	Evaluation of various biomarkers as potential mediators of the association between coffee consumption and incident type 2 diabetes in the EPIC-Potsdam Study , ,. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 891-900.	2.2	63
117	Metabolomics of Ramadan fasting: an opportunity for the controlled study of physiological responses to food intake. <i>Journal of Translational Medicine</i> , 2014, 12, 161.	1.8	27
118	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
119	Linking diet, physical activity, cardiorespiratory fitness and obesity to serum metabolite networks: findings from a population-based study. <i>International Journal of Obesity</i> , 2014, 38, 1388-1396.	1.6	83
120	Effects of smoking and smoking cessation on human serum metabolite profile: results from the KORA cohort study. <i>BMC Medicine</i> , 2013, 11, 60.	2.3	103
121	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
122	Metabolomics reveals determinants of weight loss during lifestyle intervention in obese children. <i>Metabolomics</i> , 2013, 9, 1157-1167.	1.4	22
123	Targeted metabolomics profiles are strongly correlated with nutritional patterns in women. <i>Metabolomics</i> , 2013, 9, 506-514.	1.4	110
124	Clinical Chemistry and Other Laboratory Tests on Mouse Plasma or Serum. <i>Current Protocols in Mouse Biology</i> , 2013, 3, 69-100.	1.2	42
125	Variation of serum metabolites related to habitual diet: a targeted metabolomic approach in EPIC-Potsdam. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 1100-1108.	1.3	108
126	Identification of Serum Metabolites Associated With Risk of Type 2 Diabetes Using a Targeted Metabolomic Approach. <i>Diabetes</i> , 2013, 62, 639-648.	0.3	820

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127	Treatment with beta-blockers is associated with lower levels of Lp-PLA2 and suPAR in carotid plaques. <i>Cardiovascular Pathology</i> , 2013, 22, 438-443.	0.7	14
128	Integrative genetic and metabolite profiling analysis suggests altered phosphatidylcholine metabolism in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 629-636.	2.7	70
129	Targeted Metabolomics of Dried Blood Spot Extracts. <i>Chromatographia</i> , 2013, 76, 1295-1305.	0.7	95
130	Familial Resemblance for Serum Metabolite Concentrations. <i>Twin Research and Human Genetics</i> , 2013, 16, 948-961.	0.3	14
131	Alcohol-induced metabolomic differences in humans. <i>Translational Psychiatry</i> , 2013, 3, e276-e276.	2.4	79
132	High Mobility Group N Proteins Modulate the Fidelity of the Cellular Transcriptional Profile in a Tissue- and Variant-specific Manner. <i>Journal of Biological Chemistry</i> , 2013, 288, 16690-16703.	1.6	37
133	Metabolites associate with kidney function decline and incident chronic kidney disease in the general population. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2131-2138.	0.4	116
134	Testosterone Increases Susceptibility to Amebic Liver Abscess in Mice and Mediates Inhibition of IFN γ Secretion in Natural Killer T Cells. <i>PLoS ONE</i> , 2013, 8, e55694.	1.1	81
135	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
136	Rapamycin extends murine lifespan but has limited effects on aging. <i>Journal of Clinical Investigation</i> , 2013, 123, 3272-3291.	3.9	333
137	Changing Metabolic Signatures of Amino Acids and Lipids During the Prediabetic Period in a Pig Model With Impaired Incretin Function and Reduced β -Cell Mass. <i>Diabetes</i> , 2012, 61, 2166-2175.	0.3	47
138	<i>Srgap3</i> ^{−/−} mice present a neurodevelopmental disorder with schizophrenia-related intermediate phenotypes. <i>FASEB Journal</i> , 2012, 26, 4418-4428.	0.2	51
139	Childhood Obesity Is Associated with Changes in the Serum Metabolite Profile. <i>Obesity Facts</i> , 2012, 5, 660-670.	1.6	141
140	Evidence Supporting a Key Role of Lp-PLA2-Generated Lysophosphatidylcholine in Human Atherosclerotic Plaque Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1505-1512.	1.1	157
141	Serum Metabolite Concentrations and Decreased GFR in the General Population. <i>American Journal of Kidney Diseases</i> , 2012, 60, 197-206.	2.1	108
142	Cytochrome c oxidase subunit 4 isoform 2 knockout mice show reduced enzyme activity, airway hyporeactivity, and lung pathology. <i>FASEB Journal</i> , 2012, 26, 3916-3930.	0.2	62
143	Human serum metabolic profiles are age dependent. <i>Aging Cell</i> , 2012, 11, 960-967.	3.0	271
144	The dynamic range of the human metabolome revealed by challenges. <i>FASEB Journal</i> , 2012, 26, 2607-2619.	0.2	268

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145	Innovations in phenotyping of mouse models in the German Mouse Clinic. <i>Mammalian Genome</i> , 2012, 23, 611-622.	1.0	40
146	Mouse Genetics and Metabolic Mouse Phenotyping. , 2012, , 85-106.		1
147	Discovery of phosphatidylcholines and sphingomyelins as biomarkers for ovarian endometriosis. <i>Human Reproduction</i> , 2012, 27, 2955-2965.	0.4	108
148	Schizophrenia shows a unique metabolomics signature in plasma. <i>Translational Psychiatry</i> , 2012, 2, e149-e149.	2.4	138
149	Novel biomarkers for pre-diabetes identified by metabolomics. <i>Molecular Systems Biology</i> , 2012, 8, 615.	3.2	605
150	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
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