

# Jerzy Adamski

## List of Publications by Year in descending order

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Version: 2024-02-01

467  
papers

28,218  
citations

6124

83  
h-index

10399

144  
g-index

487  
all docs

487  
docs citations

487  
times ranked

39170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential Involvement of Extracellular Citrate in Brain Tumor Progression. <i>Current Molecular Medicine</i> , 2022, 22, 506-513.	0.6	5
2	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
3	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
4	Non-targeted metabolomics identify polyamine metabolite acisoga as novel biomarker for reduced left ventricular function. <i>ESC Heart Failure</i> , 2022, 9, 564-573.	1.4	6
5	Bis-choline tetrathiomolybdate prevents copper-induced blood-brain barrier damage. <i>Life Science Alliance</i> , 2022, 5, e202101164.	1.3	11
6	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
7	TIGER: technical variation elimination for metabolomics data using ensemble learning architecture. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	15
8	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
9	Bezafibrate Reduces Elevated Hepatic Fumarate in Insulin-Deficient Mice. <i>Biomedicines</i> , 2022, 10, 616.	1.4	5
10	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
11	Effects of Acute and Chronic Resistance Exercise on the Skeletal Muscle Metabolome. <i>Metabolites</i> , 2022, 12, 445.	1.3	9
12	Inflammatory macrophage memory in nonsteroidal anti-inflammatory drug-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 587-599.	1.5	25
13	The liver-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
14	Homology modeling meets site-directed mutagenesis: An ideal combination to elucidate the topology of 17 $\beta$ -HSD2. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 206, 105790.	1.2	3
15	Systemic Regulation of Host Energy and Oogenesis by Microbiome-Derived Mitochondrial Coenzymes. <i>Cell Reports</i> , 2021, 34, 108583.	2.9	27
16	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
17	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
18	Posterior subcapsular cataracts are a late effect after acute exposure to 0.5% Gy ionizing radiation in mice. <i>International Journal of Radiation Biology</i> , 2021, 97, 529-540.	1.0	5

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19	Cancer-associated cells release citrate to support tumour metastatic progression. <i>Life Science Alliance</i> , 2021, 4, e202000903.	1.3	21
20	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
21	Fibroblast growth factor induced <i>Ucp1</i> expression in preadipocytes requires PGE2 biosynthesis and glycolytic flux. <i>FASEB Journal</i> , 2021, 35, e21572.	0.2	4
22	Functional characterization of two 20 <sup>β</sup> -hydroxysteroid dehydrogenase type 2 homeologs from <i>Xenopus laevis</i> reveals multispecificity. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 210, 105874.	1.2	0
23	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. <i>Clinical Epigenetics</i> , 2021, 13, 121.	1.8	13
24	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
25	Human and mouse non-targeted metabolomics identify 1,5-anhydroglucitol as SGLT2-dependent glycemic marker. <i>Clinical and Translational Medicine</i> , 2021, 11, e470.	1.7	8
26	Profiles of Glucose Metabolism in Different Prediabetes Phenotypes, Classified by Fasting Glycemia, 2-Hour OGTT, Glycated Hemoglobin, and 1-Hour OGTT: An IMI DIRECT Study. <i>Diabetes</i> , 2021, 70, 2092-2106.	0.3	17
27	Common Muscle Metabolic Signatures Highlight Arginine and Lysine Metabolism as Potential Therapeutic Targets to Combat Unhealthy Aging. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7958.	1.8	10
28	The blood metabolome of incident kidney cancer: A case-control study nested within the MetKid consortium. <i>PLoS Medicine</i> , 2021, 18, e1003786.	3.9	16
29	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
30	Plasma Metabolome Profiling for the Diagnosis of Catecholamine Producing Tumors. <i>Frontiers in Endocrinology</i> , 2021, 12, 722656.	1.5	7
31	Correlation guided Network Integration (CoNI) reveals novel genes affecting hepatic metabolism. <i>Molecular Metabolism</i> , 2021, 53, 101295.	3.0	4
32	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
33	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2021, 44, 511-518.	4.3	16
34	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
35	Cross-Laboratory Standardization of Preclinical Lipidomics Using Differential Mobility Spectrometry and Multiple Reaction Monitoring. <i>Analytical Chemistry</i> , 2021, 93, 16369-16378.	3.2	40
36	Extracellular citrate and metabolic adaptations of cancer cells. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 1073-1091.	2.7	18

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37	Time-resolved phosphoproteomic analysis elucidates hepatic 11,12-Epoxyeicosatrienoic acid signaling pathways. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 146, 106387.	1.0	2
38	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
39	Finding New Molecular Targets of Familiar Natural Products Using In Silico Target Prediction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7102.	1.8	10
40	High levels of modified ceramides are a defining feature of murine and human cancer cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1459-1475.	2.9	26
41	Mouse Age Matters: How Age Affects the Murine Plasma Metabolome. <i>Metabolites</i> , 2020, 10, 472.	1.3	7
42	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
43	A reference map of potential determinants for the human serum metabolome. <i>Nature</i> , 2020, 588, 135-140.	13.7	230
44	Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. <i>EBioMedicine</i> , 2020, 58, 102932.	2.7	3
45	Confounders in metabolomics. , 2020, , 17-32.		3
46	Dual Inhibitory Action of a Novel AKR1C3 Inhibitor on Both Full-Length AR and the Variant AR-V7 in Enzalutamide Resistant Metastatic Castration Resistant Prostate Cancer. <i>Cancers</i> , 2020, 12, 2092.	1.7	14
47	Circulating Metabolites Differentiate Acute Ischemic Stroke from Stroke Mimics. <i>Annals of Neurology</i> , 2020, 88, 736-746.	2.8	27
48	Mitochondrial Regulation of the 26S Proteasome. <i>Cell Reports</i> , 2020, 32, 108059.	2.9	28
49	Extracellular Citrate Fuels Cancer Cell Metabolism and Growth. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 602476.	1.8	25
50	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
51	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
52	Lipidomic Phenotyping Reveals Extensive Lipid Remodeling during Adipogenesis in Human Adipocytes. <i>Metabolites</i> , 2020, 10, 217.	1.3	9
53	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. <i>PLoS Medicine</i> , 2020, 17, e1003149.	3.9	47
54	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

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55	Cross-omics analysis revealed gut microbiome-related metabolic pathways underlying atherosclerosis development after antibiotics treatment. <i>Molecular Metabolism</i> , 2020, 36, 100976.	3.0	46
56	Trans-right ventricle and transpulmonary metabolite gradients in human pulmonary arterial hypertension. <i>Heart</i> , 2020, 106, 1332-1341.	1.2	20
57	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
58	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
59	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
60	Induction of the nicotinamide riboside kinase NAD <sup>+</sup> salvage pathway in a model of sarcoplasmic reticulum dysfunction. <i>Skeletal Muscle</i> , 2020, 10, 5.	1.9	6
61	The role of physical activity in metabolic homeostasis before and after the onset of type 2 diabetes: an IMI DIRECT study. <i>Diabetologia</i> , 2020, 63, 744-756.	2.9	12
62	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
63	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
64	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
65	Empagliflozin improves left ventricular diastolic function of db/db mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165807.	1.8	36
66	Introduction to metabolomics. , 2020, , 1-15.		2
67	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
68	Investigation of Adiposity Measures and Operational Taxonomic unit (OTU) Data Transformation Procedures in Stool Samples from a German Cohort Study Using Machine Learning Algorithms. <i>Microorganisms</i> , 2020, 8, 547.	1.6	1
69	Substrate multispecificity among 20 <sup>β</sup> -hydroxysteroid dehydrogenase type 2 members. <i>Molecular and Cellular Endocrinology</i> , 2020, 510, 110822.	1.6	9
70	Sex hormone-binding globulin, androgens and mortality: the KORA-F4 cohort study. <i>Endocrine Connections</i> , 2020, 9, 326-336.	0.8	12
71	Metabolomics for Diagnosis and Prognosis of Uterine Diseases? A Systematic Review. <i>Journal of Personalized Medicine</i> , 2020, 10, 294.	1.1	17
72	Title is missing!. , 2020, 17, e1003149.		0

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73	Title is missing!. , 2020, 17, e1003149.		0
74	Title is missing!. , 2020, 17, e1003149.		0
75	Title is missing!., 2020, 17, e1003149.		0
76	Title is missing!. , 2020, 17, e1003149.		0
77	House dust mite drives proinflammatory eicosanoid reprogramming and macrophage effector functions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1090-1101.	2.7	26
78	Initial characterization of human DHRS1 (SDR19C1), a member of the short-chain dehydrogenase/reductase superfamily. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 185, 80-89.	1.2	7
79	Associations between fecal bile acids, neutral sterols, and serum lipids in the KORA FF4 study. <i>Atherosclerosis</i> , 2019, 288, 1-8.	0.4	8
80	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
81	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
82	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
83	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
84	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
85	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
86	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: descriptive characteristics of the epidemiological studies within the IMI DIRECT Consortium. <i>Diabetologia</i> , 2019, 62, 1601-1615.	2.9	22
87	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
88	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
89	Associations between usual food intake and faecal sterols and bile acids: results from the Cooperative Health Research in the Augsburg Region (KORA FF4) study. <i>British Journal of Nutrition</i> , 2019, 122, 309-321.	1.2	9
90	Potential Use of Gluconate in Cancer Therapy. <i>Frontiers in Oncology</i> , 2019, 9, 522.	1.3	22

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91	Characterization of Bulk Phosphatidylcholine Compositions in Human Plasma Using Side-Chain Resolving Lipidomics. <i>Metabolites</i> , 2019, 9, 109.	1.3	15
92	LC-MS/MS-Based Metabolomics for Cell Cultures. <i>Methods in Molecular Biology</i> , 2019, 1994, 119-130.	0.4	13
93	The Saliva Metabolome in Association to Oral Health Status. <i>Journal of Dental Research</i> , 2019, 98, 642-651.	2.5	59
94	Engineering aldo-keto reductase 1B10 to mimic the distinct 1B15 topology and specificity towards inhibitors and substrates, including retinoids and steroids. <i>Chemico-Biological Interactions</i> , 2019, 307, 186-194.	1.7	7
95	Ageing Investigation Using Two-Time-Point Metabolomics Data from KORA and CARLA Studies. <i>Metabolites</i> , 2019, 9, 44.	1.3	39
96	Exposure to disinfection byproducts and risk of type 2 diabetes: a nested case-control study in the HUNT and Lifelines cohorts. <i>Metabolomics</i> , 2019, 15, 60.	1.4	14
97	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
98	A mouse model for intellectual disability caused by mutations in the X-linked 2â€²â€™methyltransferase <i>Ftsj1</i> gene. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2083-2093.	1.8	17
99	Levels of the Autophagy-Related 5 Protein Affect Progression and Metastasis of Pancreatic Tumors in Mice. <i>Gastroenterology</i> , 2019, 156, 203-217.e20.	0.6	50
100	Metabolomics signature associated with circulating serum selenoprotein P levels. <i>Endocrine</i> , 2019, 64, 486-495.	1.1	9
101	Neutral endopeptidase inhibitors blunt kidney fibrosis by reducing myofibroblast formation. <i>Clinical Science</i> , 2019, 133, 239-252.	1.8	4
102	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
103	Paramount importance of sample quality in pre-clinical and clinical research-Need for standard operating procedures (SOPs). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 186, 1-3.	1.2	6
104	Skeletal Muscle Metabolomics for Metabolic Phenotyping and Biomarker Discovery. , 2019, , 193-217.		3
105	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
106	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
107	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
108	Pharmacokinetics of metformin in patients with gastrointestinal intolerance. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1593-1601.	2.2	32

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109	Cholesterol metabolism promotes Bâ€cell positioning during immune pathogenesis of chronic obstructive pulmonary disease. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	39
110	Low-level mitochondrial heteroplasmy modulates DNA replication, glucose metabolism and lifespan in mice. <i>Scientific Reports</i> , 2018, 8, 5872.	1.6	26
111	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
112	Cord Blood Lysophosphatidylcholine 16: 1 is Positively Associated with Birth Weight. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 614-624.	1.1	32
113	Fetal Serum Metabolites Are Independently Associated with Gestational Diabetes Mellitus. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 625-638.	1.1	22
114	It is high time to discontinue use of misidentified and contaminated cells: Guidelines for description and authentication of cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 182, 1-3.	1.2	6
115	Postprandial metabolite profiles associated with type 2 diabetes clearly stratify individuals with impaired fasting glucose. <i>Metabolomics</i> , 2018, 14, 13.	1.4	17
116	Deep molecular phenotypes link complex disorders and physiological insult to CpG methylation. <i>Human Molecular Genetics</i> , 2018, 27, 1106-1121.	1.4	30
117	High-throughput extraction and quantification method for targeted metabolomics in murine tissues. <i>Metabolomics</i> , 2018, 14, 18.	1.4	72
118	The exceptional sensitivity of brain mitochondria to copper. <i>Toxicology in Vitro</i> , 2018, 51, 11-22.	1.1	52
119	Altered metabolism distinguishes high-risk from stable carotid atherosclerotic plaques. <i>European Heart Journal</i> , 2018, 39, 2301-2310.	1.0	104
120	Fgf9 Y162C Mutation Alters Information Processing and Social Memory in Mice. <i>Molecular Neurobiology</i> , 2018, 55, 4580-4595.	1.9	11
121	Long-Term Stability of Human Plasma Metabolites during Storage at â~80 Â°C. <i>Journal of Proteome Research</i> , 2018, 17, 203-211.	1.8	114
122	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
123	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018, 61, 117-129.	2.9	32
124	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
125	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
126	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



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127	Circulating glutamate concentration as a biomarker of visceral obesity and associated metabolic alterations. <i>Nutrition and Metabolism</i> , 2018, 15, 78.	1.3	37
128	Molecular Fingerprints of Iron Parameters among a Population-Based Sample. <i>Nutrients</i> , 2018, 10, 1800.	1.7	3
129	A network-based conditional genetic association analysis of the human metabolome. <i>GigaScience</i> , 2018, 7, .	3.3	13
130	Hepatic Steatosis Is Associated With Adverse Molecular Signatures in Subjects Without Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3856-3868.	1.8	24
131	Reproducibility of Molecular Phenotypes after Long-Term Differentiation to Human iPSC-Derived Neurons: A Multi-Site Omics Study. <i>Stem Cell Reports</i> , 2018, 11, 897-911.	2.3	135
132	Atlas of Circadian Metabolism Reveals System-wide Coordination and Communication between Clocks. <i>Cell</i> , 2018, 174, 1571-1585.e11.	13.5	258
133	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
134	Structure-based design and profiling of novel 17 $\beta$ -HSD14 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 61-76.	2.6	9
135	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
136	The mitochondrial transporter SLC25A25 links ciliary TRPP2 signaling and cellular metabolism. <i>PLoS Biology</i> , 2018, 16, e2005651.	2.6	18
137	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
138	Comparison of metabolite networks from four German population-based studies. <i>International Journal of Epidemiology</i> , 2018, 47, 2070-2081.	0.9	9
139	Instability of personal human metabotype is linked to all-cause mortality. <i>Scientific Reports</i> , 2018, 8, 9810.	1.6	16
140	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
141	The human metabolic profile reflects macro- and micronutrient intake distinctly according to fasting time. <i>Scientific Reports</i> , 2018, 8, 12262.	1.6	13
142	Night Shift Work Affects Urine Metabolite Profiles of Nurses with Early Chronotype. <i>Metabolites</i> , 2018, 8, 45.	1.3	13
143	The search for predictive metabolic biomarkers for incident T2DM. <i>Nature Reviews Endocrinology</i> , 2018, 14, 444-446.	4.3	3
144	Cinnamon: does it hold its promises in cows? Using non-targeted blood serum metabolomics profiling to test the effects of feeding cinnamon to dairy cows undergoing lactation-induced insulin resistance. <i>Metabolomics</i> , 2017, 13, 1.	1.4	4

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145	Improvement of myocardial infarction risk prediction via inflammation-associated metabolite biomarkers. <i>Heart</i> , 2017, 103, 1278-1285.	1.2	38
146	Metabolomics for clinical use and research in chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2017, 13, 269-284.	4.1	248
147	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
148	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
149	Stability of targeted metabolite profiles of urine samples under different storage conditions. <i>Metabolomics</i> , 2017, 13, 4.	1.4	50
150	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
151	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
152	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
153	Genetic diagnosis of Mendelian disorders via RNA sequencing. <i>Nature Communications</i> , 2017, 8, 15824.	5.8	432
154	LysoPC-acyl C16:0 is associated with brown adipose tissue activity in men. <i>Metabolomics</i> , 2017, 13, 48.	1.4	23
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454	Characterization of estrone hydroxylase activities in porcine endometrial cells. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1994, 102, 388-393.	0.6	4
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