

Robert E Gerszten

List of Publications by Year in descending order

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Version: 2024-02-01

145
papers

17,629
citations

30551

56
h-index

17891

125
g-index

151
all docs

151
docs citations

151
times ranked

30771
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolite profiles and the risk of developing diabetes. <i>Nature Medicine</i> , 2011, 17, 448-453.	15.2	2,586
2	MCP-1 and IL-8 trigger firm adhesion of monocytes to vascular endothelium under flow conditions. <i>Nature</i> , 1999, 398, 718-723.	13.7	1,161
3	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021, 590, 290-299.	13.7	1,069
4	Growth Differentiation Factor 11 Is a Circulating Factor that Reverses Age-Related Cardiac Hypertrophy. <i>Cell</i> , 2013, 153, 828-839.	13.5	791
5	Metabolite Profiling and Cardiovascular Event Risk. <i>Circulation</i> , 2015, 131, 774-785.	1.6	547
6	Lipid profiling identifies a triacylglycerol signature of insulin resistance and improves diabetes prediction in humans. <i>Journal of Clinical Investigation</i> , 2011, 121, 1402-1411.	3.9	537
7	Metabolite Profiling Identifies Pathways Associated With Metabolic Risk in Humans. <i>Circulation</i> , 2012, 125, 2222-2231.	1.6	514
8	\hat{I}^2 -Aminoisobutyric Acid Induces Browning of White Fat and Hepatic \hat{I}^2 -Oxidation and Is Inversely Correlated with Cardiometabolic Risk Factors. <i>Cell Metabolism</i> , 2014, 19, 96-108.	7.2	489
9	Targeted Metabolomics. <i>Current Protocols in Molecular Biology</i> , 2012, 98, Unit 30.2.1-24.	2.9	402
10	2-Aminoadipic acid is a biomarker for diabetes risk. <i>Journal of Clinical Investigation</i> , 2013, 123, 4309-4317.	3.9	397
11	Understanding the Cellular and Molecular Mechanisms of Physical Activity-Induced Health Benefits. <i>Cell Metabolism</i> , 2015, 22, 4-11.	7.2	345
12	Metabolic Signatures of Exercise in Human Plasma. <i>Science Translational Medicine</i> , 2010, 2, 33ra37.	5.8	337
13	Extreme Vulnerability of IDH1 Mutant Cancers to NAD ⁺ Depletion. <i>Cancer Cell</i> , 2015, 28, 773-784.	7.7	327
14	The search for new cardiovascular biomarkers. <i>Nature</i> , 2008, 451, 949-952.	13.7	298
15	A Genome-wide Association Study of the Human Metabolome in a Community-Based Cohort. <i>Cell Metabolism</i> , 2013, 18, 130-143.	7.2	274
16	Exerkines in health, resilience and disease. <i>Nature Reviews Endocrinology</i> , 2022, 18, 273-289.	4.3	268
17	The Emerging Role of Metabolomics in the Diagnosis and Prognosis of Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2850-2870.	1.2	259
18	Predictive Accuracy of a Polygenic Risk Score Compared With a Clinical Risk Score for Incident Coronary Heart Disease. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 627.	3.8	234

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19	A Combined Epidemiologic and Metabolomic Approach Improves CKD Prediction. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1330-1338.	3.0	233
20	A pipeline that integrates the discovery and verification of plasma protein biomarkers reveals candidate markers for cardiovascular disease. <i>Nature Biotechnology</i> , 2011, 29, 635-643.	9.4	229
21	Genome-wide identification of microRNAs regulating cholesterol and triglyceride homeostasis. <i>Nature Medicine</i> , 2015, 21, 1290-1297.	15.2	214
22	Genetic Architecture of Insulin Resistance in the Mouse. <i>Cell Metabolism</i> , 2015, 21, 334-347.	7.2	196
23	Metabolomics and Cardiovascular Biomarker Discovery. <i>Clinical Chemistry</i> , 2012, 58, 139-147.	1.5	190
24	A potential therapeutic role for angiotensin-converting enzyme 2 in human pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2018, 51, 1702638.	3.1	183
25	Longitudinal proteomic analysis of severe COVID-19 reveals survival-associated signatures, tissue-specific cell death, and cell-cell interactions. <i>Cell Reports Medicine</i> , 2021, 2, 100287.	3.3	183
26	Association of branched-chain amino acids and other circulating metabolites with risk of incident dementia and Alzheimer's disease: A prospective study in eight cohorts. <i>Alzheimer's and Dementia</i> , 2018, 14, 723-733.	0.4	182
27	HMG-CoA Reductase Inhibitor Modulates Monocyte-Endothelial Cell Interaction Under Physiological Flow Conditions In Vitro. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1165-1171.	1.1	179
28	Multiplexed, Quantitative Workflow for Sensitive Biomarker Discovery in Plasma Yields Novel Candidates for Early Myocardial Injury. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2375-2393.	2.5	175
29	Aptamer-Based Proteomic Profiling Reveals Novel Candidate Biomarkers and Pathways in Cardiovascular Disease. <i>Circulation</i> , 2016, 134, 270-285.	1.6	172
30	Metabolomic Profiles of Body Mass Index in the Framingham Heart Study Reveal Distinct Cardiometabolic Phenotypes. <i>PLoS ONE</i> , 2016, 11, e0148361.	1.1	155
31	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474.	13.5	147
32	Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. <i>Nature Genetics</i> , 2020, 52, 969-983.	9.4	146
33	SGLT2 inhibition reprograms systemic metabolism via FGF21-dependent and -independent mechanisms. <i>JCI Insight</i> , 2019, 4, .	2.3	137
34	Emerging Affinity-Based Proteomic Technologies for Large-Scale Plasma Profiling in Cardiovascular Disease. <i>Circulation</i> , 2017, 135, 1651-1664.	1.6	136
35	Distinct metabolomic signatures are associated with longevity in humans. <i>Nature Communications</i> , 2015, 6, 6791.	5.8	120
36	Dimethylguanidino valeric acid is a marker of liver fat and predicts diabetes. <i>Journal of Clinical Investigation</i> , 2017, 127, 4394-4402.	3.9	115

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37	Pharmacological Inhibition of a MicroRNA Family in Nonhuman Primates by a Seed-Targeting 8-Mer AntimiR. <i>Science Translational Medicine</i> , 2013, 5, 212ra162.	5.8	109
38	Comparison of Proteomic Assessment Methods in Multiple Cohort Studies. <i>Proteomics</i> , 2020, 20, e1900278.	1.3	103
39	Metabolite Profiles of Diabetes Incidence and Intervention Response in the Diabetes Prevention Program. <i>Diabetes</i> , 2016, 65, 1424-1433.	0.3	101
40	Multimarker Risk Stratification in Patients With Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	100
41	The genetic architecture of NAFLD among inbred strains of mice. <i>ELife</i> , 2015, 4, e05607.	2.8	96
42	Activin type II receptor signaling in cardiac aging and heart failure. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	95
43	Association of amine biomarkers with incident dementia and Alzheimer's disease in the Framingham Study. <i>Alzheimer's and Dementia</i> , 2017, 13, 1327-1336.	0.4	93
44	Metabolomics insights into early type 2 diabetes pathogenesis and detection in individuals with normal fasting glucose. <i>Diabetologia</i> , 2018, 61, 1315-1324.	2.9	93
45	Metabolite Traits and Genetic Risk Provide Complementary Information for the Prediction of Future Type 2 Diabetes. <i>Diabetes Care</i> , 2014, 37, 2508-2514.	4.3	87
46	A functional annotation of subproteomes in human plasma. <i>Proteomics</i> , 2005, 5, 3506-3519.	1.3	82
47	Metabolomics and Proteomics in Type 2 Diabetes. <i>Circulation Research</i> , 2020, 126, 1613-1627.	2.0	81
48	Metabolic Profiling of Right Ventricular-Pulmonary Vascular Function Reveals Circulating Biomarkers of Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , 2016, 67, 174-189.	1.2	79
49	Perspective: Dietary Biomarkers of Intake and Exposure—Exploration with Omics Approaches. <i>Advances in Nutrition</i> , 2020, 11, 200-215.	2.9	79
50	Toward New Biomarkers of Cardiometabolic Diseases. <i>Cell Metabolism</i> , 2013, 18, 43-50.	7.2	75
51	Glycerol-3-phosphate is an FGF23 regulator derived from the injured kidney. <i>Journal of Clinical Investigation</i> , 2020, 130, 1513-1526.	3.9	75
52	Challenges in translating plasma proteomics from bench to bedside: update from the NHLBI Clinical Proteomics Programs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L16-L22.	1.3	73
53	Integrative Analysis of PRKAG2 Cardiomyopathy iPS and Microtissue Models Identifies AMPK as a Regulator of Metabolism, Survival, and Fibrosis. <i>Cell Reports</i> , 2016, 17, 3292-3304.	2.9	73
54	An exome array study of the plasma metabolome. <i>Nature Communications</i> , 2016, 7, 12360.	5.8	69

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55	Human PAH is characterized by a pattern of lipid-related insulin resistance. JCI Insight, 2019, 4, .	2.3	69
56	Status and Prospects for Discovery and Verification of New Biomarkers of Cardiovascular Disease by Proteomics. Circulation Research, 2011, 109, 463-474.	2.0	66
57	Genetic Architecture of the Cardiovascular Risk Proteome. Circulation, 2018, 137, 1158-1172.	1.6	64
58	Metabolomics of Chronic Kidney Disease Progression: A Case-Control Analysis in the Chronic Renal Insufficiency Cohort Study. American Journal of Nephrology, 2016, 43, 366-374.	1.4	62
59	Metabolite profiling identifies anandamide as a biomarker of nonalcoholic steatohepatitis. JCI Insight, 2017, 2, .	2.3	62
60	PTPMT1 Inhibition Lowers Glucose through Succinate Dehydrogenase Phosphorylation. Cell Reports, 2015, 10, 694-701.	2.9	61
61	Dimethylglycine Deficiency and the Development of Diabetes. Diabetes, 2015, 64, 3010-3016.	0.3	61
62	Profiling of the plasma proteome across different stages of human heart failure. Nature Communications, 2019, 10, 5830.	5.8	53
63	Urinary metabolites along with common and rare genetic variations are associated with incident chronic kidney disease. Kidney International, 2017, 91, 1426-1435.	2.6	49
64	Adhesion of Memory Lymphocytes to Vascular Cell Adhesion Molecule-1 Transduced Human Vascular Endothelial Cells Under Simulated Physiological Flow Conditions In Vitro. Circulation Research, 1996, 79, 1205-1215.	2.0	47
65	CC and CXCL Chemokines Trigger Firm Adhesion of Monocytes to Vascular Endothelium under Flow Conditions. Annals of the New York Academy of Sciences, 2000, 902, 288-293.	1.8	46
66	Proteomic and Metabolomic Correlates of Healthy Dietary Patterns: The Framingham Heart Study. Nutrients, 2020, 12, 1476.	1.7	46
67	The choline transporter Slc44a2 controls platelet activation and thrombosis by regulating mitochondrial function. Nature Communications, 2020, 11, 3479.	5.8	43
68	Probing the Virtual Proteome to Identify Novel Disease Biomarkers. Circulation, 2018, 138, 2469-2481.	1.6	42
69	Proteomics Profiling and Risk of New-Onset Atrial Fibrillation: Framingham Heart Study. Journal of the American Heart Association, 2019, 8, e010976.	1.6	42
70	Integration of Proteomic-Based Tools for Improved Biomarkers of Myocardial Injury. Clinical Chemistry, 2010, 56, 194-201.	1.5	40
71	Whole Genome Sequence Analysis of the Plasma Proteome in Black Adults Provides Novel Insights Into Cardiovascular Disease. Circulation, 2022, 145, 357-370.	1.6	39
72	Association of Dimethylguanidino Valeric Acid With Partial Resistance to Metabolic Health Benefits of Regular Exercise. JAMA Cardiology, 2019, 4, 636.	3.0	37

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73	Application of Large-Scale Aptamer-Based Proteomic Profiling to Planned Myocardial Infarctions. <i>Circulation</i> , 2018, 137, 1270-1277.	1.6	36
74	Human plasma proteomic profiles indicative of cardiorespiratory fitness. <i>Nature Metabolism</i> , 2021, 3, 786-797.	5.1	36
75	Metabolite Profiles Predict Acute Kidney Injury and Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Journal of the American Heart Association</i> , 2016, 5, e002712.	1.6	35
76	Induction of metabolic quiescence defines the transitional to follicular B cell switch. <i>Science Signaling</i> , 2019, 12, .	1.6	35
77	Accelerating Biomarker Discovery Through Electronic Health Records, Automated Biobanking, and Proteomics. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2195-2205.	1.2	35
78	Correlates of Neutralization against SARS-CoV-2 Variants of Concern by Early Pandemic Sera. <i>Journal of Virology</i> , 2021, 95, e0040421.	1.5	34
79	ADAMTSL2 protein and a soluble biomarker signature identify at-risk non-alcoholic steatohepatitis and fibrosis in adults with NAFLD. <i>Journal of Hepatology</i> , 2022, 76, 25-33.	1.8	34
80	l-Alanine activates hepatic AMP-activated protein kinase and modulates systemic glucose metabolism. <i>Molecular Metabolism</i> , 2018, 17, 61-70.	3.0	33
81	Stability and reproducibility of proteomic profiles in epidemiological studies: comparing the Olink and SOMAscan platforms. <i>Proteomics</i> , 2022, 22, .	1.3	32
82	Plasma metabolite profiles, cellular cholesterol efflux, and non-traditional cardiovascular risk in patients with CKD. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 114-122.	0.9	31
83	Plasma Metabolite Profiles in Response to Chronic Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1480-1486.	0.2	30
84	Metabolic Effects of Betaine: A Randomized Clinical Trial of Betaine Supplementation in Prediabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3038-3049.	1.8	30
85	Metabolomic Profiles and Heart Failure Risk in Black Adults: Insights From the Jackson Heart Study. <i>Circulation: Heart Failure</i> , 2021, 14, e007275.	1.6	29
86	MTORC1-Regulated Metabolism Controlled by TSC2 Limits Cardiac Reperfusion Injury. <i>Circulation Research</i> , 2021, 128, 639-651.	2.0	28
87	Metabolomic Profiling in Relation to New-Onset Atrial Fibrillation (from the Framingham Heart) Tj ETQq1 1 0.784314.rgBT /Oyerlock 10	0.7	27
88	Identification of 102 Correlations between Serum Metabolites and Habitual Diet in a Metabolomics Study of the Prostate, Lung, Colorectal, and Ovarian Cancer Trial. <i>Journal of Nutrition</i> , 2020, 150, 694-703.	1.3	27
89	Association of Acylcarnitines With Left Ventricular Remodeling in Patients With Severe Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2018, 3, 242.	3.0	26
90	Aptamer-Based Proteomic Platform Identifies Novel Protein Predictors of Incident Heart Failure and Echocardiographic Traits. <i>Circulation: Heart Failure</i> , 2020, 13, e006749.	1.6	26

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91	Proteomic profiling reveals biomarkers and pathways in type 2 diabetes risk. <i>JCI Insight</i> , 2021, 6, .	2.3	26
92	Pharmacological inhibition of BLT1 diminishes early abdominal aneurysm formation. <i>Atherosclerosis</i> , 2010, 210, 107-113.	0.4	25
93	Amino Acid Signatures to Evaluate the Beneficial Effects of Weight Loss. <i>International Journal of Endocrinology</i> , 2017, 2017, 1-12.	0.6	25
94	Metabolite Profiles of Incident Diabetes and Heterogeneity of Treatment Effect in the Diabetes Prevention Program. <i>Diabetes</i> , 2019, 68, 2337-2349.	0.3	22
95	Succinate links atrial dysfunction and cardioembolic stroke. <i>Neurology</i> , 2019, 92, e802-e810.	1.5	20
96	Metabolomic signatures of cardiac remodelling and heart failure risk in the community. <i>ESC Heart Failure</i> , 2020, 7, 3707-3715.	1.4	20
97	Design, methods, baseline characteristics and interim results of the Catheter Sampled Blood Archive in Cardiovascular Diseases (CASABLANCA) study. <i>IJC Metabolic & Endocrine</i> , 2014, 5, 11-18.	0.5	19
98	Activation of IRF1 in Human Adipocytes Leads to Phenotypes Associated with Metabolic Disease. <i>Stem Cell Reports</i> , 2017, 8, 1164-1173.	2.3	19
99	Circulating testican-2 is a podocyte-derived marker of kidney health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25026-25035.	3.3	19
100	Omics and Cardiometabolic Disease Risk Prediction. <i>Annual Review of Medicine</i> , 2020, 71, 163-175.	5.0	19
101	Metabolomic Analysis of Coronary Heart Disease in an African American Cohort From the Jackson Heart Study. <i>JAMA Cardiology</i> , 2022, 7, 184.	3.0	19
102	Activation of Inflammatory and Pro-Thrombotic Pathways in Acute Stress Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 49.	1.1	18
103	Clinical Metabolomics Identifies Blood Serum Branched Chain Amino Acids as Potential Predictive Biomarkers for Chronic Graft vs. Host Disease. <i>Frontiers in Oncology</i> , 2019, 9, 141.	1.3	18
104	Cisplatin Analogs Confer Protection against Cyanide Poisoning. <i>Cell Chemical Biology</i> , 2017, 24, 565-575.e4.	2.5	17
105	Intramuscular administration of hexachloroplatinate reverses cyanide-induced metabolic derangements and counteracts severe cyanide poisoning. <i>FASEB BioAdvances</i> , 2019, 1, 81-92.	1.3	17
106	Metabo-Endotypes of Asthma Reveal Differences in Lung Function: Discovery and Validation in Two TOPMed Cohorts. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 288-299.	2.5	17
107	Proteomic Signatures of Lifestyle Risk Factors for Cardiovascular Disease: A Cross-sectional Analysis of the Plasma Proteome in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021, 10, e018020.	1.6	14
108	Whole-genome sequencing in diverse subjects identifies genetic correlates of leukocyte traits: The NHLBI TOPMed program. <i>American Journal of Human Genetics</i> , 2021, 108, 1836-1851.	2.6	14

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109	Role of Frailty in Identifying Benefit From Transcatheter Versus Surgical Aortic Valve Replacement. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, .	0.9	14
110	A pilot, short-term dietary manipulation of branched chain amino acids has modest influence on fasting levels of branched chain amino acids. Food and Nutrition Research, 2016, 60, 28592.	1.2	13
111	Emerging Affinity Reagents for High Throughput Proteomics. Circulation, 2019, 140, 1610-1612.	1.6	13
112	Genetic deletion of <i>gpr27</i> alters acylcarnitine metabolism, insulin sensitivity, and glucose homeostasis in zebrafish. FASEB Journal, 2020, 34, 1546-1557.	0.2	13
113	Protein prediction for trait mapping in diverse populations. PLoS ONE, 2022, 17, e0264341.	1.1	13
114	Proteomics endotyping of infants with severe bronchiolitis and risk of childhood asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3350-3361.	2.7	13
115	Identification of specific metabolic pathways as druggable targets regulating the sensitivity to cyanide poisoning. PLoS ONE, 2018, 13, e0193889.	1.1	12
116	Weight Loss Outcomes Among Early High Responders to Exenatide Treatment: A Randomized, Placebo Controlled Study in Overweight and Obese Women. Frontiers in Endocrinology, 2021, 12, 742873.	1.5	11
117	Nucleosides Associated With Incident Ischemic Stroke in the REGARDS and JHS Cohorts. Neurology, 2022, 98, .	1.5	10
118	Metabolomic profiling identifies complex lipid species and amino acid analogues associated with response to weight loss interventions. PLoS ONE, 2021, 16, e0240764.	1.1	9
119	EDEM3 Modulates Plasma Triglyceride Level through Its Regulation of LRP1 Expression. IScience, 2020, 23, 100973.	1.9	8
120	Regular exercise and patterns of response across multiple cardiometabolic traits: the HERITAGE family study. British Journal of Sports Medicine, 2022, 56, 95-100.	3.1	8
121	Two Roads Diverge: Weight Loss Interventions and Circulating Amino Acids. Science Translational Medicine, 2011, 3, 80ps15.	5.8	7
122	Cardiovascular Risk Beyond Low-Density Lipoprotein Cholesterol. Journal of the American College of Cardiology, 2018, 71, 633-635.	1.2	7
123	A novel network-based approach for discovering dynamic metabolic biomarkers in cardiovascular disease. PLoS ONE, 2018, 13, e0208953.	1.1	7
124	Depot-Specific Adipose Tissue Metabolite Profiles and Corresponding Changes Following Aerobic Exercise. Frontiers in Endocrinology, 2018, 9, 759.	1.5	7
125	Multiomic Profiling in Black and White Populations Reveals Novel Candidate Pathways in Left Ventricular Hypertrophy and Incident Heart Failure Specific to Black Adults. Circulation Genomic and Precision Medicine, 2021, 14, e003191.	1.6	7
126	Identification of Frailty Using a Claims-Based Frailty Index in the CoreValve Studies: Findings from the EXTEND-FRAILTY Study. Journal of the American Heart Association, 2021, 10, e022150.	1.6	7

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127	Metabolomics reveals the impact of Type 2 diabetes on local muscle and vascular responses to ischemic stress. <i>Clinical Science</i> , 2020, 134, 2369-2379.	1.8	7
128	Increases in Myocardial Workload Induced by Rapid Atrial Pacing Trigger Alterations in Global Metabolism. <i>PLoS ONE</i> , 2014, 9, e99058.	1.1	7
129	Soluble Urokinase Plasminogen Activator Receptor: Genetic Variation and Cardiovascular Disease Risk in Black Adults. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, CIRCGEN121003421.	1.6	7
130	Genetic Architecture of Plasma Alpha-aminoadipic Acid Reveals a Relationship With High-Density Lipoprotein Cholesterol. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	6
131	Proteomics and Population Biology in the Cardiovascular Health Study (CHS): design of a study with mentored access and active data sharing. <i>European Journal of Epidemiology</i> , 2022, 37, 755-765.	2.5	6
132	Lymphocyte activation gene-3-associated protein networks are associated with HDL-cholesterol and mortality in the Trans-omics for Precision Medicine program. <i>Communications Biology</i> , 2022, 5, 362.	2.0	5
133	The Prospects for Cardiovascular Proteomics. <i>JAMA Cardiology</i> , 2016, 1, 245.	3.0	4
134	Metabolomic Markers of Southern Dietary Patterns in the Jackson Heart Study. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2000796.	1.5	4
135	Hepatic Fat in Participants With and Without Incident Diabetes in the Diabetes Prevention Program Outcome Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4746-e4765.	1.8	4
136	The genetic architecture of plasma kynurenine includes cardiometabolic disease mechanisms associated with the SH2B3 gene. <i>Scientific Reports</i> , 2021, 11, 15652.	1.6	4
137	Glyoxylate protects against cyanide toxicity through metabolic modulation. <i>Scientific Reports</i> , 2022, 12, 4982.	1.6	4
138	A countermeasure development pipeline. <i>Annals of the New York Academy of Sciences</i> , 2016, 1378, 58-67.	1.8	3
139	A Role for Branched-Chain Amino Acids in the Pathophysiology of Diabetes: Using Data to Guide Discovery. <i>Clinical Chemistry</i> , 2018, 64, 1250-1251.	1.5	3
140	Genomics and transcriptomics landscapes associated to changes in insulin sensitivity in response to endurance exercise training. <i>Scientific Reports</i> , 2021, 11, 23314.	1.6	3
141	Bromodomain Inhibition Reveals FGF15/19 As a Target of Epigenetic Regulation and Metabolic Control. <i>Diabetes</i> , 2022, 71, 1023-1033.	0.3	3
142	New Antibody Assays for Cardiovascular Disease: Future Tools for the Clinical Chemist?. <i>Clinical Chemistry</i> , 2009, 55, 404-406.	1.5	2
143	Conserved Gene Regulatory Mechanisms Controlling Cholesterol and Fat. <i>FASEB Journal</i> , 2011, 25, 193.1.	0.2	0
144	Anthranilic acid and 3-hydroxyanthranilic acid, but not kynurenic acid, are associated with plasma pyridoxal-5-phosphate levels. <i>FASEB Journal</i> , 2013, 27, 1077.21.	0.2	0

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145	0030 Development and Validation of a Metabolomic Risk Score for Obstructive Sleep Apnea across Race/Ethnicities. <i>Sleep</i> , 2022, 45, A13-A14.	0.6	0