

Robert W Mcgarrah

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

1,074
citations

17
h-index

32
g-index

39
ext. papers

1,653
ext. citations

8.5
avg, IF

4.06
L-index

#	Paper	IF	Citations
31	Meta-Analysis of Nonalcoholic Fatty Liver Disease and Incident Heart Failure.. <i>American Journal of Cardiology</i> , 2022 ,	3	2
30	Relationship of Nonalcoholic Fatty Liver Disease and Heart Failure With Preserved Ejection Fraction. <i>JACC Basic To Translational Science</i> , 2021 , 6, 918-932	8.7	6
29	Branched-chain ketoacids are preferentially reaminated and activate protein synthesis in the heart. <i>Nature Communications</i> , 2021 , 12, 1680	17.4	20
28	Metabolic flexibility via mitochondrial BCAA carrier SLC25A44 is required for optimal fever. <i>ELife</i> , 2021 , 10,	8.9	2
27	Insulin action, type 2 diabetes, and branched-chain amino acids: A two-way street. <i>Molecular Metabolism</i> , 2021 , 52, 101261	8.8	12
26	Association of liver fibrosis risk scores with clinical outcomes in patients with heart failure with preserved ejection fraction: findings from TOPCAT. <i>ESC Heart Failure</i> , 2021 , 8, 842-848	3.7	7
25	Circulating long chain acylcarnitines and outcomes in diabetic heart failure: an HF-ACTION clinical trial substudy. <i>Cardiovascular Diabetology</i> , 2021 , 20, 161	8.7	1
24	Lipoprotein (a): An Update on a Marker of Residual Risk and Associated Clinical Manifestations. <i>American Journal of Cardiology</i> , 2020 , 126, 94-102	3	8
23	Dietary branched-chain amino acid restriction alters fuel selection and reduces triglyceride stores in hearts of Zucker fatty rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E216-E223	6	17
22	Muscle-Liver Trafficking of BCAA-Derived Nitrogen Underlies Obesity-Related Glycine Depletion. <i>Cell Reports</i> , 2020 , 33, 108375	10.6	20
21	Identification of Undetected Monogenic Cardiovascular Disorders. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 797-808	15.1	7
20	Novel plasma biomarkers improve discrimination of metabolic health independent of weight. <i>Scientific Reports</i> , 2020 , 10, 21365	4.9	1
19	BCAA catabolism in brown fat controls energy homeostasis through SLC25A44. <i>Nature</i> , 2019 , 572, 614-619	39.4	172
18	Metabolomics Identifies Novel Blood Biomarkers of Pulmonary Function and COPD in the General Population. <i>Metabolites</i> , 2019 , 9,	5.6	14
17	Association of long-term PM exposure with traditional and novel lipid measures related to cardiovascular disease risk. <i>Environment International</i> , 2019 , 122, 193-200	12.9	38
16	Trends in cardiorespiratory fitness: The evolution of exercise treadmill testing at a single Academic Medical Center from 1970 to 2012. <i>American Heart Journal</i> , 2019 , 210, 88-97	4.9	5
15	High-Density Lipoprotein Particle Subfractions in Heart Failure With Preserved or Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 177-186	15.1	16

14	Effects of Increasing Exercise Intensity and Dose on Multiple Measures of HDL (High-Density Lipoprotein) Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 943-952	9.4	26
13	Effects of a 12-week mHealth program on peak VO and physical activity patterns after completing cardiac rehabilitation: A randomized controlled trial. <i>American Heart Journal</i> , 2018 , 199, 105-114	4.9	28
12	Propionate-induced changes in cardiac metabolism, notably CoA trapping, are not altered by l-carnitine. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E622-E633	6	21
11	The BCKDH Kinase and Phosphatase Integrate BCAA and Lipid Metabolism via Regulation of ATP-Citrate Lyase. <i>Cell Metabolism</i> , 2018 , 27, 1281-1293.e7	24.6	115
10	A Novel Protein Glycan-Derived Inflammation Biomarker Independently Predicts Cardiovascular Disease and Modifies the Association of HDL Subclasses with Mortality. <i>Clinical Chemistry</i> , 2017 , 63, 288-296	5.5	42
9	Refocusing the AIM on HDL in the metabolic syndrome. <i>Atherosclerosis</i> , 2016 , 251, 531-533	3.1	3
8	The Effect of Vigorous- Versus Moderate-Intensity Aerobic Exercise on Insulin Action. <i>Current Cardiology Reports</i> , 2016 , 18, 117	4.2	18
7	Aortic valve surgery and survival in patients with moderate or severe aortic stenosis and left ventricular dysfunction. <i>European Heart Journal</i> , 2016 , 37, 2276-86	9.5	39
6	Prognostic Implications of Long-Chain Acylcarnitines in Heart Failure and Reversibility With Mechanical Circulatory Support. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 291-9	15.1	98
5	High-density lipoprotein subclass measurements improve mortality risk prediction, discrimination and reclassification in a cardiac catheterization cohort. <i>Atherosclerosis</i> , 2016 , 246, 229-35	3.1	35
4	Metabolic Dysfunction in Heart Failure: Diagnostic, Prognostic, and Pathophysiologic Insights From Metabolomic Profiling. <i>Current Heart Failure Reports</i> , 2016 , 13, 119-31	2.8	58
3	Branched-chain amino acid restriction in Zucker-fatty rats improves muscle insulin sensitivity by enhancing efficiency of fatty acid oxidation and acyl-glycine export. <i>Molecular Metabolism</i> , 2016 , 5, 538-551	8.8	139
2	Metabolomic Profiling Identifies Novel Circulating Biomarkers of Mitochondrial Dysfunction Differentially Elevated in Heart Failure With Preserved Versus Reduced Ejection Fraction: Evidence for Shared Metabolic Impairments in Clinical Heart Failure. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	101
1	The heart is just a muscle. <i>Circulation</i> , 2015 , 131, 914-22	16.7	1