

# Robert W Mcgarrah

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,082  
citations

304743

22  
h-index

361022

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39  
all docs

39  
docs citations

39  
times ranked

3524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-Analysis of Nonalcoholic Fatty Liver Disease and Incident Heart Failure. American Journal of Cardiology, 2022, 171, 180-181.	1.6	15
2	Plasma metabolites associated with functional and clinical outcomes in heart failure with reduced ejection fraction with and without type 2 diabetes. Scientific Reports, 2022, 12, .	3.3	1
3	Association of liver fibrosis risk scores with clinical outcomes in patients with heart failure with preserved ejection fraction: findings from TOPCAT. ESC Heart Failure, 2021, 8, 842-848.	3.1	24
4	Branched-chain $\hat{\pm}$ -ketoacids are preferentially reaminated and activate protein synthesis in the heart. Nature Communications, 2021, 12, 1680.	12.8	45
5	Metabolic flexibility via mitochondrial BCAA carrier SLC25A44 is required for optimal fever. ELife, 2021, 10, .	6.0	15
6	Insulin action, type 2 diabetes, and branched-chain amino acids: A two-way street. Molecular Metabolism, 2021, 52, 101261.	6.5	122
7	Circulating long chain acylcarnitines and outcomes in diabetic heart failure: an HF-ACTION clinical trial substudy. Cardiovascular Diabetology, 2021, 20, 161.	6.8	8
8	Relationship of Nonalcoholic Fatty Liver Disease and Heart Failure With Preserved Ejection Fraction. JACC Basic To Translational Science, 2021, 6, 918-932.	4.1	41
9	Dietary branched-chain amino acid restriction alters fuel selection and reduces triglyceride stores in hearts of Zucker fatty rats. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E216-E223.	3.5	43
10	Muscle-Liver Trafficking of BCAA-Derived Nitrogen Underlies Obesity-Related Glycine Depletion. Cell Reports, 2020, 33, 108375.	6.4	49
11	Identification of Undetected Monogenic Cardiovascular Disorders. Journal of the American College of Cardiology, 2020, 76, 797-808.	2.8	17
12	Novel plasma biomarkers improve discrimination of metabolic health independent of weight. Scientific Reports, 2020, 10, 21365.	3.3	3
13	Lipoprotein (a): An Update on a Marker of Residual Risk and Associated Clinical Manifestations. American Journal of Cardiology, 2020, 126, 94-102.	1.6	25
14	BCAA catabolism in brown fat controls energy homeostasis through SLC25A44. Nature, 2019, 572, 614-619.	27.8	332
15	Metabolomics Identifies Novel Blood Biomarkers of Pulmonary Function and COPD in the General Population. Metabolites, 2019, 9, 61.	2.9	30
16	Association of long-term PM2.5 exposure with traditional and novel lipid measures related to cardiovascular disease risk. Environment International, 2019, 122, 193-200.	10.0	83
17	Trends in cardiorespiratory fitness: The evolution of exercise treadmill testing at a single Academic Medical Center from 1970 to 2012. American Heart Journal, 2019, 210, 88-97.	2.7	6
18	High-Density Lipoprotein Particle Subfractions in Heart Failure With Preserved or Reduced Ejection Fraction. Journal of the American College of Cardiology, 2019, 73, 177-186.	2.8	37

#	ARTICLE	IF	CITATIONS
19	Effects of Increasing Exercise Intensity and Dose on Multiple Measures of HDL (High-Density) Tj ETQq1 1 0.784314,rgBT /Overlock 10ff	2.4	43
20	Effects of a 12-week mHealth program on peak VO2 and physical activity patterns after completing cardiac rehabilitation: A randomized controlled trial. American Heart Journal, 2018, 199, 105-114.	2.7	48
21	Integrative Omics. Circulation, 2018, 137, 1173-1175.	1.6	1
22	The BCKDH Kinase and Phosphatase Integrate BCAA and Lipid Metabolism via Regulation of ATP-Citrate Lyase. Cell Metabolism, 2018, 27, 1281-1293.e7.	16.2	222
23	Propionate-induced changes in cardiac metabolism, notably CoA trapping, are not altered by<sc>l</sc>-carnitine. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E622-E633.	3.5	36
24	Metabolic Anthropology. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	1
25	A Novel Protein Glycanâ€œDerived Inflammation Biomarker Independently Predicts Cardiovascular Disease and Modifies the Association of HDL Subclasses with Mortality. Clinical Chemistry, 2017, 63, 288-296.	3.2	60
26	Metabolic Dysfunction in Heart Failure: Diagnostic, Prognostic, and Pathophysiologic Insights From Metabolomic Profiling. Current Heart Failure Reports, 2016, 13, 119-131.	3.3	83
27	Branched-chain amino acid restriction in Zucker-fatty rats improves muscle insulin sensitivity by enhancing efficiency of fatty acid oxidation and acyl-glycine export. Molecular Metabolism, 2016, 5, 538-551.	6.5	210
28	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. Journal of the American Heart Association, 2016, 5, .	3.7	178
29	Exomes, Proteins, and Cardiovascular Disease. Circulation: Cardiovascular Genetics, 2016, 9, 318-319.	5.1	0
30	Refocusing the AIM on HDL in the metabolic syndrome. Atherosclerosis, 2016, 251, 531-533.	0.8	3
31	The Effect of Vigorous- Versus Moderate-Intensity Aerobic Exercise on Insulin Action. Current Cardiology Reports, 2016, 18, 117.	2.9	25
32	Aortic valve surgery and survival in patients with moderate or severe aortic stenosis and left ventricular dysfunction. European Heart Journal, 2016, 37, 2276-2286.	2.2	74
33	Prognostic Implications of Long-Chain Acylcarnitines in Heart Failure and Reversibility With Mechanical CirculatoryÂSupport. Journal of the American College of Cardiology, 2016, 67, 291-299.	2.8	143
34	High-density lipoprotein subclass measurements improve mortality risk prediction, discrimination and reclassification in a cardiac catheterization cohort. Atherosclerosis, 2016, 246, 229-235.	0.8	56
35	A Company of Equals. Journal of the American College of Cardiology, 2015, 66, 589-591.	2.8	1
36	The Heart Is Just a Muscle. Circulation, 2015, 131, 914-922.	1.6	1