

# Gregory D Lewis

## 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.

126  
papers

8,384  
citations

37  
h-index

91  
g-index

144  
ext. papers

10,684  
ext. citations

9.8  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
126	Developments in Exercise Capacity Assessment in Heart Failure Clinical Trials and the Rationale for the Design of METEORIC-HF.. <i>Circulation: Heart Failure</i> , <b>2022</b> , CIRCHEARTFAILURE121008970	7.6	0
125	Exercise Blood Pressure in Heart Failure With Preserved and Reduced Ejection Fraction.. <i>JACC: Heart Failure</i> , <b>2022</b> , 10, 278-286	7.9	0
124	Integrative Analysis of Circulating Metabolite Levels That Correlate With Physical Activity and Cardiorespiratory Fitness.. <i>Circulation Genomic and Precision Medicine</i> , <b>2022</b> , 101161CIRCGEN121003592 <sup>5.2</sup>		
123	Arterial Stiffness and Vascular Load in HFpEF: Differences Among Women and Men.. <i>Journal of Cardiac Failure</i> , <b>2021</b> ,	3.3	2
122	Exercise Ventricular Reserve Among Women With a History of Peripartum Cardiomyopathy. <i>JACC: Case Reports</i> , <b>2021</b> , 3, 1649-1653	1.2	
121	Effect of Treatment With Sacubitril/Valsartan in Patients With Advanced Heart Failure and Reduced Ejection Fraction: A Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2021</b> ,	16.2	7
120	Matrix Gla Protein Levels Are Associated With Arterial Stiffness and Incident Heart Failure With Preserved Ejection Fraction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , ATVBAHA121316664 <sup>9.4</sup>	9.4	0
119	Utility of the oxygen pulse in the diagnosis of obstructive coronary artery disease in physically fit patients. <i>Physiological Reports</i> , <b>2021</b> , 9, e15105	2.6	0
118	The SGLT2 inhibitor dapagliflozin in heart failure with preserved ejection fraction: a multicenter randomized trial. <i>Nature Medicine</i> , <b>2021</b> , 27, 1954-1960	50.5	29
117	A Phase II study of autologous mesenchymal stromal cells and c-kit positive cardiac cells, alone or in combination, in patients with ischaemic heart failure: the CCTRN CONCERT-HF trial. <i>European Journal of Heart Failure</i> , <b>2021</b> , 23, 661-674	12.3	26
116	Randomized Placebo-Controlled Trial of Ferric Carboxymaltose in Heart Failure With Iron Deficiency: Rationale and Design. <i>Circulation: Heart Failure</i> , <b>2021</b> , 14, e008100	7.6	4
115	Metabolic Cost of Exercise Initiation in Patients With Heart Failure With Preserved Ejection Fraction vs Community-Dwelling Adults. <i>JAMA Cardiology</i> , <b>2021</b> , 6, 653-660	16.2	3
114	Exercise Intolerance in Heart Failure With Preserved Ejection Fraction: Arterial Stiffness and Abnormal Left Ventricular Hemodynamic Responses During Exercise. <i>Journal of Cardiac Failure</i> , <b>2021</b> , 27, 625-634	3.3	2
113	Fibroblast Growth Factor 23 and Exercise Capacity in Heart Failure with Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , <b>2021</b> , 27, 309-317	3.3	2
112	Free-breathing diffusion tensor MRI of the whole left ventricle using second-order motion compensation and multitasking respiratory motion correction. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 85, 2634-2648	4.4	5
111	Feasibility and Consistency of Results with Deployment of an In-Line Filter for Exercise-Based Evaluations of Patients With Heart Failure During the Novel Coronavirus Disease-2019 Pandemic. <i>Journal of Cardiac Failure</i> , <b>2021</b> , 27, 105-108	3.3	1
110	Evaluation of 2 Existing Diagnostic Scores for Heart Failure With Preserved Ejection Fraction Against a Comprehensively Phenotyped Cohort. <i>Circulation</i> , <b>2021</b> , 143, 289-291	16.7	7

109	Beyond the stethoscope: managing ambulatory heart failure during the COVID-19 pandemic. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 999-1006	3.7	4
108	Heart failure with preserved ejection fraction according to the HFA-PEFF score in COVID-19 patients: clinical correlates and echocardiographic findings. <i>European Journal of Heart Failure</i> , <b>2021</b> , 23, 1891-1902	12.3	10
107	Vaccine serologic responses among transplant patients associate with COVID-19 infection and T peripheral helper cells <b>2021</b> ,		6
106	Physical activity and fitness in the community: the Framingham Heart Study. <i>European Heart Journal</i> , <b>2021</b> , 42, 4565-4575	9.5	5
105	Left Ventricular Assist Device Explant and Mitral Valve Replacement for Myocardial Recovery. <i>Circulation: Heart Failure</i> , <b>2021</b> , 14, e008251	7.6	0
104	Exercise performance in patients with post-acute sequelae of SARS-CoV-2 infection compared to patients with unexplained dyspnea. <i>EClinicalMedicine</i> , <b>2021</b> , 39, 101066	11.3	7
103	Exercise Intolerance in Older Adults With Heart Failure With Preserved Ejection Fraction: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 78, 1166-1187	15.1	17
102	Feasibility, Methodology, and Interpretation of Broad-Scale Assessment of Cardiorespiratory Fitness in a Large Community-Based Sample. <i>American Journal of Cardiology</i> , <b>2021</b> , 157, 56-63	3	1
101	Trends in the use of hepatitis C viremic donor hearts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> ,	1.5	5
100	Deliberating the Diagnostic Dilemma of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , <b>2020</b> , 142, 1770-1780	16.7	11
99	Clinical and Hemodynamic Associations and Prognostic Implications of Ventilatory Efficiency in Patients With Preserved Left Ventricular Systolic Function. <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e006729	7.6	13
98	Impaired Exercise Tolerance in Heart Failure With Preserved Ejection Fraction: Quantification of Multiorgan System Reserve Capacity. <i>JACC: Heart Failure</i> , <b>2020</b> , 8, 605-617	7.9	10
97	Sacubitril/Valsartan in Advanced Heart Failure With Reduced Ejection Fraction: Rationale and Design of the LIFE Trial. <i>JACC: Heart Failure</i> , <b>2020</b> , 8, 789-799	7.9	19
96	Survival After Heart Transplantation in Patients Bridged With Mechanical Circulatory Support. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 2892-2905	15.1	16
95	Quality of life in heart failure with preserved ejection fraction: importance of obesity, functional capacity, and physical inactivity. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 1009-1018	12.3	48
94	Association of Ascending Aortic Dilatation and Long-term Endurance Exercise Among Older Masters-Level Athletes. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 522-531	16.2	13
93	Sex Differences in Exercise Capacity and Quality of Life in Heart Failure With Preserved Ejection Fraction: A Secondary Analysis of the RELAX and NEAT-HFpEF Trials. <i>Journal of Cardiac Failure</i> , <b>2020</b> , 26, 276-280	3.3	11
92	Pig-to-human heart transplantation: Who goes first?. <i>American Journal of Transplantation</i> , <b>2020</b> , 20, 2669-2674	3.7	7

91	Intravascular Ultrasound Pulmonary Artery Denervation to Treat Pulmonary Arterial Hypertension (TROPHY1): Multicenter, Early Feasibility Study. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 989-999	5	15
90	Abstract 14080: A Phase II Randomized, Double-blind, Controlled Trial of Combined Mesenchymal Stromal Cells and C-kit+ Cardiac Progenitor Cells in Ischemic Heart Failure: The CCTRN CONCERT-HF Trial. <i>Circulation</i> , <b>2020</b> , 142,	16.7	1
89	Sex Differences in Cardiometabolic Traits and Determinants of Exercise Capacity in Heart Failure With Preserved Ejection Fraction. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 30-37	16.2	14
88	Polygenic Risk, Fitness, and Obesity in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 40-48	16.2	6
87	Are existing and emerging biomarkers associated with cardiorespiratory fitness in patients with chronic heart failure?. <i>American Heart Journal</i> , <b>2020</b> , 220, 97-107	4.9	3
86	Exercise Pulmonary Hypertension Predicts Clinical Outcomes in Patients With Dyspnea on Effort. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 17-26	15.1	33
85	Progress Toward Cardiac Xenotransplantation. <i>Circulation</i> , <b>2020</b> , 142, 1389-1398	16.7	18
84	Comprehensive Metabolic Phenotyping Refines Cardiovascular Risk in Young Adults. <i>Circulation</i> , <b>2020</b> , 142, 2110-2127	16.7	11
83	Proteomic Signatures During Treatment in Different Stages of Heart Failure. <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e006794	7.6	5
82	Characterization of the Progression From Ambulatory to Hospitalized Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , <b>2020</b> , 26, 919-928	3.3	1
81	Metabolic Architecture of Acute Exercise Response in Middle-Aged Adults in the Community. <i>Circulation</i> , <b>2020</b> , 142, 1905-1924	16.7	26
80	Adverse Renal Response to Decongestion in the Obese Phenotype of Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , <b>2020</b> , 26, 101-107	3.3	14
79	Pre-emptive pangenotypic direct acting antiviral therapy in donor HCV-positive to recipient HCV-negative heart transplantation: an open-label study. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2019</b> , 4, 771-780	18.8	45
78	Reoperative sternotomy is associated with increased early mortality after cardiac transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2019</b> , 55, 1136-1143	3	20
77	Orthotopic heart transplant rejection in association with immunomodulatory therapy for AL amyloidosis: A case series and review of the literature. <i>American Journal of Transplantation</i> , <b>2019</b> , 19, 3185-3190	8.7	9
76	Case 20-2019: A 52-Year-Old Woman with Fever and Rash after Heart Transplantation. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 2564-2573	59.2	
75	Differential Clinical Profiles, Exercise Responses, and Outcomes Associated With Existing HFpEF Definitions. <i>Circulation</i> , <b>2019</b> , 140, 353-365	16.7	41
74	Diagnostic Yield of Customized Exercise Provocation Following Routine Testing. <i>American Journal of Cardiology</i> , <b>2019</b> , 123, 2044-2050	3	7

73	Metabolite Profiles of Healthy Aging Index Are Associated With Cardiovascular Disease in African Americans: The Health, Aging, and Body Composition Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 68-72	6.4	9
72	The effect of donor age on posttransplant mortality in a cohort of adult cardiac transplant recipients aged 18-45. <i>American Journal of Transplantation</i> , <b>2019</b> , 19, 876-883	8.7	3
71	Characterization of the Obese Phenotype of Heart Failure With Preserved Ejection Fraction: A RELAX Trial Ancillary Study. <i>Mayo Clinic Proceedings</i> , <b>2019</b> , 94, 1199-1209	6.4	35
70	Identifying responders to oral iron supplementation in heart failure with a reduced ejection fraction: a post-hoc analysis of the IRONOUT-HF trial. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 223-228	1.9	9
69	Baseline Characteristics of the VANISH Cohort. <i>Circulation: Heart Failure</i> , <b>2019</b> , 12, e006231	7.6	5
68	Relative Impairments in Hemodynamic Exercise Reserve Parameters in Heart Failure With Preserved Ejection Fraction: A Study-Level Pooled Analysis. <i>JACC: Heart Failure</i> , <b>2018</b> , 6, 117-126	7.9	23
67	Pulmonary Capillary Wedge Pressure Patterns During Exercise Predict Exercise Capacity and Incident Heart Failure. <i>Circulation: Heart Failure</i> , <b>2018</b> , 11, e004750	7.6	71
66	Post-Exercise Oxygen Uptake Recovery Delay: A Novel Index of Impaired Cardiac Reserve Capacity in Heart Failure. <i>JACC: Heart Failure</i> , <b>2018</b> , 6, 329-339	7.9	9
65	Exercise Intolerance in Heart Failure With Preserved Ejection Fraction: Diagnosing and Ranking Its Causes Using Personalized O Pathway Analysis. <i>Circulation</i> , <b>2018</b> , 137, 148-161	16.7	95
64	Heart Failure With Preserved Ejection Fraction Expert Panel Report: Current Controversies and Implications for Clinical Trials. <i>JACC: Heart Failure</i> , <b>2018</b> , 6, 619-632	7.9	72
63	Impaired right ventricular reserve predicts adverse cardiac outcomes in adults with congenital right heart disease. <i>Heart</i> , <b>2018</b> , 104, 2044-2050	5.1	12
62	Associations of Circulating Extracellular RNAs With Myocardial Remodeling and Heart Failure. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 871-876	16.2	22
61	Cardiopulmonary Exercise Testing Reflects Improved Exercise Capacity in Response to Treatment in Morquio A Patients: Results of a 52-Week Pilot Study of Two Different Doses of Elosulfase Alfa. <i>JIMD Reports</i> , <b>2018</b> , 42, 9-17	1.9	4
60	Effect of Inorganic Nitrite vs Placebo on Exercise Capacity Among Patients With Heart Failure With Preserved Ejection Fraction: The INDIE-HFpEF Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 1764-1773	27.4	128
59	Topical Polymyxin-Trimethoprim Prophylaxis May Decrease the Incidence of Driveline Infections in Patients With Continuous-Flow Left Ventricular Assist Devices. <i>Artificial Organs</i> , <b>2017</b> , 41, 169-175	2.6	5
58	Impaired left ventricular global longitudinal strain in patients with heart failure with preserved ejection fraction: insights from the RELAX trial. <i>European Journal of Heart Failure</i> , <b>2017</b> , 19, 893-900	12.3	68
57	Effect of Oral Iron Repletion on Exercise Capacity in Patients With Heart Failure With Reduced Ejection Fraction and Iron Deficiency: The IRONOUT HF Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 317, 1958-1966	27.4	201
56	INDIE-HFpEF (Inorganic Nitrite Delivery to Improve Exercise Capacity in Heart Failure With Preserved Ejection Fraction): Rationale and Design. <i>Circulation: Heart Failure</i> , <b>2017</b> , 10,	7.6	37

55	Predicting Success: Left Ventricular Assist Device Explantation Evaluation Protocol Using Comprehensive Cardiopulmonary Exercise Testing. <i>Circulation: Heart Failure</i> , <b>2017</b> , 10,	7.6	6
54	Small RNA-seq during acute maximal exercise reveal RNAs involved in vascular inflammation and cardiometabolic health: brief report. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2017</b> , 313, H1162-H1167	5.2	24
53	Abnormal heart-rate response during cardiopulmonary exercise testing identifies cardiac dysfunction in symptomatic patients with non-obstructive coronary artery disease. <i>International Journal of Cardiology</i> , <b>2017</b> , 228, 114-121	3.2	14
52	An official European Respiratory Society statement: pulmonary haemodynamics during exercise. <i>European Respiratory Journal</i> , <b>2017</b> , 50,	13.6	124
51	Unexplained exertional dyspnea caused by low ventricular filling pressures: results from clinical invasive cardiopulmonary exercise testing. <i>Pulmonary Circulation</i> , <b>2016</b> , 6, 55-62	2.7	45
50	Pulmonary Vascular Distensibility Predicts Pulmonary Hypertension Severity, Exercise Capacity, and Survival in Heart Failure. <i>Circulation: Heart Failure</i> , <b>2016</b> , 9,	7.6	56
49	Cardiopulmonary Exercise Testing in Heart Failure. <i>JACC: Heart Failure</i> , <b>2016</b> , 4, 607-16	7.9	147
48	Metabolic Profiling of Right Ventricular-Pulmonary Vascular Function Reveals Circulating Biomarkers of Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 174-189 <sup>15.1</sup>		55
47	Fatty Acid Metabolic Defects and Right Ventricular Lipotoxicity in Human Pulmonary Arterial Hypertension. <i>Circulation</i> , <b>2016</b> , 133, 1936-44	16.7	114
46	Midlife exercise blood pressure, heart rate, and fitness relate to brain volume 2 decades later. <i>Neurology</i> , <b>2016</b> , 86, 1313-1319	6.5	19
45	Association of Fitness in Young Adulthood With Survival and Cardiovascular Risk: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>JAMA Internal Medicine</i> , <b>2016</b> , 176, 87-95	11.5	86
44	Left Atrial Structure and Function in Heart Failure with Preserved Ejection Fraction: A RELAX Substudy. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164914	3.7	11
43	Exercise oscillatory ventilation: Mechanisms and prognostic significance. <i>World Journal of Cardiology</i> , <b>2016</b> , 8, 258-66	2.1	16
42	Blood Pressure and LV Remodeling Among American-Style Football Players. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 1367-1376	8.4	31
41	Cardiovascular Risk and Disease Among Masters Endurance Athletes: Insights from the Boston MASTER (Masters Athletes Survey To Evaluate Risk) Initiative. <i>Sports Medicine - Open</i> , <b>2016</b> , 2, 29	6.1	20
40	Submaximal Exercise Systolic Blood Pressure and Heart Rate at 20 Years of Follow-up: Correlates in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	5
39	Response to Letter Regarding Article, "Circulating MicroRNA-30d Is Associated With Response to Cardiac Resynchronization Therapy in Heart Failure and Regulates Cardiomyocyte Apoptosis: A Translational Pilot Study". <i>Circulation</i> , <b>2016</b> , 133, e389-e390	16.7	0
38	Impaired Right Ventricular-Pulmonary Arterial Coupling and Effect of Sildenafil in Heart Failure With Preserved Ejection Fraction: An Ancillary Analysis From the Phosphodiesterase-5 Inhibition to Improve Clinical Status And Exercise Capacity in Diastolic Heart Failure (RELAX) Trial. <i>Circulation: Heart Failure</i> , <b>2016</b> , 9, e002729	7.6	53

37	Oral Iron Therapy for Heart Failure With Reduced Ejection Fraction: Design and Rationale for Oral Iron Repletion Effects on Oxygen Uptake in Heart Failure. <i>Circulation: Heart Failure</i> , <b>2016</b> , 9,	7.6	29
36	Repletion of Iron Stores With the Use of Oral Iron Supplementation in Patients With Systolic Heart Failure. <i>Journal of Cardiac Failure</i> , <b>2015</b> , 21, 694-7	3.3	23
35	Association of hypothyroidism with adverse events in patients with heart failure receiving cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , <b>2015</b> , 115, 1249-53	3	10
34	Effects of sildenafil on ventricular and vascular function in heart failure with preserved ejection fraction. <i>Circulation: Heart Failure</i> , <b>2015</b> , 8, 533-41	7.6	49
33	Exercise oscillatory ventilation in patients with Fontan physiology. <i>Circulation: Heart Failure</i> , <b>2015</b> , 8, 304-11	7.6	21
32	Endurance Exercise-Induced Cardiac Remodeling: Not All Sports Are Created Equal. <i>Journal of the American Society of Echocardiography</i> , <b>2015</b> , 28, 1434-40	5.8	34
31	Clinical Features and outcomes in adults with cardiogenic shock supported by extracorporeal membrane oxygenation. <i>American Journal of Cardiology</i> , <b>2015</b> , 116, 1624-30	3	50
30	Mechanisms of exercise intolerance in heart failure with preserved ejection fraction: the role of abnormal peripheral oxygen extraction. <i>Circulation: Heart Failure</i> , <b>2015</b> , 8, 286-94	7.6	209
29	ECG findings in competitive rowers: normative data and the prevalence of abnormalities using contemporary screening recommendations. <i>British Journal of Sports Medicine</i> , <b>2015</b> , 49, 200-6	10.3	40
28	Safety and physiological effects of two different doses of elosulfase alfa in patients with morquio a syndrome: A randomized, double-blind, pilot study. <i>American Journal of Medical Genetics, Part A</i> , <b>2015</b> , 167A, 2272-81	2.5	25
27	Circulating MicroRNA-30d Is Associated With Response to Cardiac Resynchronization Therapy in Heart Failure and Regulates Cardiomyocyte Apoptosis: A Translational Pilot Study. <i>Circulation</i> , <b>2015</b> , 131, 2202-2216	16.7	100
26	Exercise-Induced Left Ventricular Remodeling Among Competitive Athletes: A Phasic Phenomenon. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8,	3.9	57
25	Myocardial adaptations to recreational marathon training among middle-aged men. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8, e002487	3.9	35
24	β-Aminoisobutyric acid induces browning of white fat and hepatic β-oxidation and is inversely correlated with cardiometabolic risk factors. <i>Cell Metabolism</i> , <b>2014</b> , 19, 96-108	24.6	369
23	Resting ventricular-vascular function and exercise capacity in heart failure with preserved ejection fraction: a RELAX trial ancillary study. <i>Circulation: Heart Failure</i> , <b>2014</b> , 7, 580-9	7.6	28
22	Causes of exercise intolerance in heart failure with preserved ejection fraction: searching for consensus. <i>Journal of Cardiac Failure</i> , <b>2014</b> , 20, 762-778	3.3	16
21	Pre-capillary pulmonary hypertension and right ventricular dilation predict clinical outcome in cardiac resynchronization therapy. <i>JACC: Heart Failure</i> , <b>2014</b> , 2, 230-7	7.9	18
20	The emerging role of metabolomics in the development of biomarkers for pulmonary hypertension and other cardiovascular diseases (2013 Grover Conference series). <i>Pulmonary Circulation</i> , <b>2014</b> , 4, 417-237	2.7	7

19	Effect of phosphodiesterase inhibition on insulin resistance in obese individuals. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e001001	6	24
18	Increases in myocardial workload induced by rapid atrial pacing trigger alterations in global metabolism. <i>PLoS ONE</i> , <b>2014</b> , 9, e99058	3.7	6
17	A diabetes-predictive amino acid score and future cardiovascular disease. <i>European Heart Journal</i> , <b>2013</b> , 34, 1982-9	9.5	175
16	Pulmonary vascular hemodynamic response to exercise in cardiopulmonary diseases. <i>Circulation</i> , <b>2013</b> , 128, 1470-9	16.7	244
15	Metabolite profiling identifies pathways associated with metabolic risk in humans. <i>Circulation</i> , <b>2012</b> , 125, 2222-31	16.7	401
14	Metabolite profiles and the risk of developing diabetes. <i>Nature Medicine</i> , <b>2011</b> , 17, 448-53	50.5	2044
13	Pulmonary vascular response patterns during exercise in left ventricular systolic dysfunction predict exercise capacity and outcomes. <i>Circulation: Heart Failure</i> , <b>2011</b> , 4, 276-85	7.6	122
12	Lipid profiling identifies a triacylglycerol signature of insulin resistance and improves diabetes prediction in humans. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 1402-11	15.9	420
11	Metabolic signatures of exercise in human plasma. <i>Science Translational Medicine</i> , <b>2010</b> , 2, 33ra37	17.5	276
10	Pulmonary Vascular Response Patterns to Exercise: Is there a Role for Pulmonary Arterial Pressure Assessment during Exercise in the Post-Dana Point Era?. <i>Advances in Pulmonary Hypertension</i> , <b>2010</b> , 9, 92-100	0.5	7
9	Exercise blood pressure and the risk of incident cardiovascular disease (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2008</b> , 101, 1614-20	3	77
8	Application of metabolomics to cardiovascular biomarker and pathway discovery. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 52, 117-23	15.1	176
7	Determinants of ventilatory efficiency in heart failure: the role of right ventricular performance and pulmonary vascular tone. <i>Circulation: Heart Failure</i> , <b>2008</b> , 1, 227-33	7.6	108
6	Metabolite profiling of blood from individuals undergoing planned myocardial infarction reveals early markers of myocardial injury. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 3503-12	15.9	214
5	Sildenafil improves exercise hemodynamics and oxygen uptake in patients with systolic heart failure. <i>Circulation</i> , <b>2007</b> , 115, 59-66	16.7	285
4	Case records of the Massachusetts General Hospital. Case 8-2007. A 48-year-old man with chest pain followed by cardiac arrest. <i>New England Journal of Medicine</i> , <b>2007</b> , 356, 1153-62	59.2	16
3	Sildenafil improves exercise capacity and quality of life in patients with systolic heart failure and secondary pulmonary hypertension. <i>Circulation</i> , <b>2007</b> , 116, 1555-62	16.7	394
2	Type 5 phosphodiesterase inhibition in heart failure and pulmonary hypertension. <i>Current Heart Failure Reports</i> , <b>2004</b> , 1, 183-9	2.8	24



1 Application of Metabolomics to Cardiovascular Biomarker and Pathway Discovery 279-293

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