Francisco Lopez-Jimenez

List of Publications by Year
in descending order

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215 papers	15,082 citations	23500 58 h-index	21474 114 g-index
220 all docs	220 docs citations	220 times ranked	17184 citing authors

#	Article	IF	Citations
1	Association of bodyweight with total mortality and with cardiovascular events in coronary artery disease: a systematic review of cohort studies. Lancet, The, 2006, 368, 666-678.	6.3	1,342
2	An artificial intelligence-enabled ECG algorithm for the identification of patients with atrial fibrillation during sinus rhythm: a retrospective analysis of outcome prediction. Lancet, The, 2019, 394, 861-867.	6.3	794
3	Assessing Adiposity. Circulation, 2011, 124, 1996-2019.	1.6	701
4	Screening for cardiac contractile dysfunction using an artificial intelligenceâ€“enabled electrocardiogram. Nature Medicine, 2019, 25, 70-74.	15.2	686
5	Interactions Between Obesity and Obstructive Sleep Apnea. Chest, 2010, 137, 711-719.	0.4	585
6	Normal weight obesity: a risk factor for cardiometabolic dysregulation and cardiovascular mortality. European Heart Journal, 2010, 31, 737-746.	1.0	489
7	The Concept of Normal Weight Obesity. Progress in Cardiovascular Diseases, 2014, 56, 426-433.	1.6	399
8	Normal-Weight Central Obesity: Implications for Total and Cardiovascular Mortality. Annals of Internal Medicine, 2015, 163, 827-835.	2.0	380
9	Central Obesity and Survival in Subjects With Coronary Artery Disease. Journal of the American College of Cardiology, 2011, 57, 1877-1886.	1.2	333
10	Secondary Prevention After Coronary Artery Bypass Graft Surgery. Circulation, 2015, 131, 927-964.	1.6	313
11	Combining Body Mass Index With Measures of Central Obesity in the Assessment of Mortality in Subjects With Coronary Disease. Journal of the American College of Cardiology, 2013, 61, 553-560.	1.2	264
12	Variation in the Prevalence of Sarcopenia and Sarcopenic Obesity in Older Adults Associated with Different Research Definitions: Dualâ€Energy <scp>X</scp>â€Ray Absorptiometry Data from the <scp>N</scp>ational <scp>H</scp>ealth and <scp>N</scp>utrition <scp>E</scp>xamination <scp>S</scp>urvey 1999â€“2004. Journal of the American Geriatrics Society, 2013, 61, 974-980.	1.3	249
13	Dayâ€“Night Variation of Acute Myocardial Infarction in Obstructive Sleep Apnea. Journal of the American College of Cardiology, 2008, 52, 343-346.	1.2	240
14	Age and Sex Estimation Using Artificial Intelligence From Standard 12-Lead ECGs. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007284.	2.1	213
15	Diagnostic performance of body mass index to detect obesity in patients with coronary artery disease. European Heart Journal, 2007, 28, 2087-2093.	1.0	196
16	Detection of Hypertrophic Cardiomyopathy Using a Convolutional Neural Network-Enabled Electrocardiogram. Journal of the American College of Cardiology, 2020, 75, 722-733.	1.2	183
17	Obstructive Sleep Apnea. Chest, 2008, 133, 793-804.	0.4	168
18	Subepicardial adipose tissue and the presence and severity of coronary artery disease. Atherosclerosis, 2006, 186, 354-359.	0.4	155

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19	Artificial intelligenceâ€“enabled electrocardiograms for identification of patients with low ejection fraction: a pragmatic, randomized clinical trial. Nature Medicine, 2021, 27, 815-819.	15.2	154
20	Sarcopenia, sarcopenic obesity, and functional impairments in older adults: National Health and Nutrition Examination Surveys 1999-2004. Nutrition Research, 2015, 35, 1031-1039.	1.3	149
21	Participation in Cardiac Rehabilitation and Survival After Coronary Artery Bypass Graft Surgery. Circulation, 2013, 128, 590-597.	1.6	140
22	Effect of Bariatric Surgery on the Metabolic Syndrome: A Population-Based, Long-term Controlled Study. Mayo Clinic Proceedings, 2008, 83, 897-906.	1.4	135
23	Cardiac Rehabilitation for Women: A Systematic Review of Barriers and Solutions. Mayo Clinic Proceedings, 2017, 92, 565-577.	1.4	135
24	The association of resistance training with mortality: A systematic review and meta-analysis. European Journal of Preventive Cardiology, 2019, 26, 1647-1665.	0.8	127
25	Artificial Intelligence in Cardiology: Present and Future. Mayo Clinic Proceedings, 2020, 95, 1015-1039.	1.4	127
26	Cardiac Rehabilitation Availability and Density around the Globe. EClinicalMedicine, 2019, 13, 31-45.	3.2	124
27	Digital health intervention during cardiac rehabilitation: A randomized controlled trial. American Heart Journal, 2017, 188, 65-72.	1.2	123
28	Weight Loss Interventions in Older Adults with Obesity: A Systematic Review of Randomized Controlled Trials Since 2005. Journal of the American Geriatrics Society, 2017, 65, 257-268.	1.3	117
29	Assessing and Mitigating Bias in Medical Artificial Intelligence. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007988.	2.1	116
30	Sarcopenia, sarcopenic obesity and inflammation: Results from the 1999â€“2004 National Health and Nutrition Examination Survey. Clinical Nutrition, 2016, 35, 1472-1483.	2.3	112
31	Prognostic importance of weight loss in patients with coronary heart disease regardless of initial body mass index. European Journal of Cardiovascular Prevention and Rehabilitation, 2008, 15, 336-340.	3.1	109
32	Relation of Increased Leptin Concentrations to History of Myocardial Infarction and Stroke in the United States Populationâ€â€All the analysis, interpretation, and/or conclusion reached in this study are the work of the authors and not of the National Center for Health Statistics, Hyattsville, Maryland.. American Journal of Cardiology, 2007, 100, 234-239.	0.7	105
33	Under-Diagnosis of Sleep Apnea in Patients After Acute Myocardial Infarction. Journal of the American College of Cardiology, 2010, 56, 742-743.	1.2	104
34	Cardiac rehabilitation delivery model for low-resource settings. Heart, 2016, 102, 1449-1455.	1.2	104
35	Cardiac Rehabilitation Delivery Model for Low-Resource Settings: An International Council of Cardiovascular Prevention and Rehabilitation Consensus Statement. Progress in Cardiovascular Diseases, 2016, 59, 303-322.	1.6	104
36	Structural and Functional Changes in Left and Right Ventricles After Major Weight Loss Following Bariatric Surgery for Morbid Obesity. American Journal of Cardiology, 2010, 105, 550-556.	0.7	98

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37	Nature of Cardiac Rehabilitation Around the Globe. EClinicalMedicine, 2019, 13, 46-56.	3.2	98
38	Prospective validation of a deep learning electrocardiogram algorithm for the detection of left ventricular systolic dysfunction. Journal of Cardiovascular Electrophysiology, 2019, 30, 668-674.	0.8	98
39	Combined effect of cardiorespiratory fitness and adiposity on mortality in patients with coronary artery disease. American Heart Journal, 2011, 161, 590-597.	1.2	97
40	The Hispanic Paradox in Cardiovascular Disease and Total Mortality. Progress in Cardiovascular Diseases, 2014, 57, 286-292.	1.6	97
41	The Prognostic Importance of Weight Loss in Coronary Artery Disease: A Systematic Review and Meta-analysis. Mayo Clinic Proceedings, 2014, 89, 1368-1377.	1.4	95
42	Electrocardiogram screening for aortic valve stenosis using artificial intelligence. European Heart Journal, 2021, 42, 2885-2896.	1.0	95
43	Cardiovascular Risk After Bariatric Surgery for Obesity. American Journal of Cardiology, 2008, 102, 930-937.	0.7	94
44	Cardiovascular mortality in Hispanics compared to non-Hispanic whites: A systematic review and meta-analysis of the Hispanic paradox. European Journal of Internal Medicine, 2013, 24, 791-799.	1.0	91
45	Effect of Bariatric Surgery on the Metabolic Syndrome: A Population-Based, Long-term Controlled Study. Mayo Clinic Proceedings, 2008, 83, 897-906.	1.4	90
46	Relationship of Body Mass Index With Total Mortality, Cardiovascular Mortality, and Myocardial Infarction After Coronary Revascularization: Evidence From a Meta-analysis. Mayo Clinic Proceedings, 2014, 89, 1080-1100.	1.4	88
47	Sleep-Disordered Breathing and Excessive Daytime Sleepiness in Patients With Atrial Fibrillation. Chest, 2012, 141, 967-973.	0.4	87
48	Normal Weight Obesity and Mortality in United States Subjects â‰¥60ÂYears of Age (from the Third) Tj ETQq0 0 0 rgBT /Overlock 10 T 1592-1598.	0.7	87
49	Obesidad y corazÃ³n. Revista Espanola De Cardiologia, 2011, 64, 140-149.	0.6	81
50	Artificial Intelligence-Enabled ECG Algorithm to Identify Patients With Left Ventricular Systolic Dysfunction Presenting to the Emergency Department With Dyspnea. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008437.	2.1	81
51	Effect of Weight Loss on Predicted Cardiovascular Risk: Change in Cardiac Risk After Bariatric Surgery. Obesity, 2007, 15, 772-784.	1.5	73
52	Low Lean Mass With and Without Obesity, and Mortality: Results From the 1999â€“2004 National Health and Nutrition Examination Survey. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1445-1451.	1.7	71
53	Safety and Efficacy of Bariatric Surgery in Patients With Coronary Artery Disease. Mayo Clinic Proceedings, 2005, 80, 1157-1162.	1.4	70
54	Impact of General and Central Adiposity onÂVentricular-Arterial Aging inÂWomen and Men. JACC: Heart Failure, 2014, 2, 489-499.	1.9	70

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55	Normal-Weight Central Obesity and Mortality Risk in Older Adults With Coronary Artery Disease. Mayo Clinic Proceedings, 2016, 91, 343-351.	1.4	65
56	The National Cholesterol Education Program Diet vs a Diet Lower in Carbohydrates and Higher in Protein and Monounsaturated Fat. Archives of Internal Medicine, 2004, 164, 2141.	4.3	64
57	Relationships between leptin and C-reactive protein with cardiovascular disease in the adult general population. Nature Clinical Practice Cardiovascular Medicine, 2008, 5, 418-425.	3.3	63
58	Advocacy for outpatient cardiac rehabilitation globally. BMC Health Services Research, 2016, 16, 471.	0.9	63
59	Assessment of Trends in Statin Therapy for Secondary Prevention of Atherosclerotic Cardiovascular Disease in US Adults From 2007 to 2016. JAMA Network Open, 2020, 3, e2025505.	2.8	63
60	Cardiac rehabilitation is associated with reduced long-term mortality in patients undergoing combined heart valve and CABG surgery. European Journal of Preventive Cardiology, 2015, 22, 159-168.	0.8	62
61	Cardiovascular Diseases in Central and Eastern Europe: A Call for More Surveillance and Evidence-Based Health Promotion. Annals of Global Health, 2020, 86, 21.	0.8	62
62	Impact of Bariatric Surgery on Quality of Life, Functional Capacity, and Symptoms in Patients with Heart Failure. Obesity Surgery, 2013, 23, 1011-1015.	1.1	59
63	Abnormal Cardiac Structure and Function in the Metabolic Syndrome: A Population-Based Study. Mayo Clinic Proceedings, 2008, 83, 1350-1357.	1.4	57
64	Body Mass Index and Risk of Adverse Cardiac Events in Elderly Patients with Hip Fracture: A Populationâ€Based Study. Journal of the American Geriatrics Society, 2009, 57, 419-426.	1.3	56
65	Cardiovascular risk assessment - From individual risk prediction to estimation of global risk and change in risk in the population. BMC Medicine, 2010, 8, 29.	2.3	56
66	Cardiac rehabilitation delivery in low/middle-income countries. Heart, 2019, 105, 1806-1812.	1.2	56
67	Trends in 10-Year Predicted Risk of Cardiovascular Disease in the United States, 1976 to 2004. Circulation: Cardiovascular Quality and Outcomes, 2009, 2, 443-450.	0.9	55
68	Quality of Life after Bariatric Surgery: A Population-based Cohort Study. American Journal of Medicine, 2009, 122, 1055.e1-1055.e10.	0.6	55
69	IGF-I/IGFBP-3 ratio: a mechanistic insight into the metabolic syndrome. Clinical Science, 2009, 116, 507-512.	1.8	55
70	Prevalence and Secular Trends of Excess Body Weight and Impact on Outcomes After Myocardial Infarction in the Community. Chest, 2004, 125, 1205-1212.	0.4	53
71	Self-efficacy after bariatric surgery for obesity. A population-based cohort study. Appetite, 2009, 52, 637-645.	1.8	52
72	Cardiac rehabilitation availability and delivery in Europe: How does it differ by region and compare with other high-income countries?. European Journal of Preventive Cardiology, 2019, 26, 1131-1146.	0.8	52

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73	Changes in Left and Right Ventricular Mechanics During the Mueller Maneuver in Healthy Adults. Circulation: Cardiovascular Imaging, 2010, 3, 282-289.	1.3	51
74	Weight Change after Myocardial Infarctionâ€"the Enhancing Recovery in Coronary Heart Disease patients (ENRICHD) Experience. American Heart Journal, 2008, 155, 478-484.	1.2	50
75	Risk Factors Underlying COVID-19 Lockdown-Induced Mental Distress. Frontiers in Psychiatry, 2020, 11, 603014.	1.3	49
76	Relationship between measures of central and general adiposity with aortic stiffness in the general population. Atherosclerosis, 2014, 235, 625-631.	0.4	48
77	Sleep Duration and Excessive Daytime Sleepiness Are Associated with Obesity Independent of Diet and Physical Activity. Nutrients, 2018, 10, 1219.	1.7	48
78	Availability and Characteristics of Cardiovascular Rehabilitation Programs in South America. Journal of Cardiopulmonary Rehabilitation and Prevention, 2013, 33, 33-41.	1.2	47
79	Differences of energy expenditure while sitting versus standing: A systematic review and meta-analysis. European Journal of Preventive Cardiology, 2018, 25, 522-538.	0.8	47
80	Normal-Weight Obesity: Implications for Cardiovascular Health. Current Atherosclerosis Reports, 2014, 16, 464.	2.0	46
81	Kardiovize Brno 2030, a prospective cardiovascular health study in Central Europe: Methods, baseline findings and future directions. European Journal of Preventive Cardiology, 2018, 25, 54-64.	0.8	45
82	Trends in Use of Melatonin Supplements Among US Adults, 1999-2018. JAMA - Journal of the American Medical Association, 2022, 327, 483.	3.8	45
83	Obstructive sleep apnea and hypertension. Current Cardiology Reports, 2005, 7, 435-440.	1.3	44
84	Current status of cardiac rehabilitation in Latin America and the Caribbean. American Heart Journal, 2009, 158, 480-487.	1.2	44
85	The Obesity Paradox and Survivors of Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 1443-1450.	0.7	42
86	Speakable and unspeakable facts about BMI and mortality. Lancet, The, 2009, 373, 1055-1056.	6.3	41
87	Diagnostic Accuracy of the Berlin Questionnaire in Detecting Sleep-Disordered Breathing in Patients With a Recent Myocardial Infarction. Chest, 2011, 140, 1192-1197.	0.4	40
88	Artificial Intelligenceâ€"Enhanced Electrocardiogram for the Early Detection of Cardiac Amyloidosis. Mayo Clinic Proceedings, 2021, 96, 2768-2778.	1.4	40
89	Obesity paradox in different populations: evidence and controversies. Future Cardiology, 2014, 10, 81-91.	0.5	38
90	Epicardial adipose tissue: friendly companion or hazardous neighbour for adjacent coronary arteries?. European Heart Journal, 2008, 29, 695-697.	1.0	36

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91	Physician diagnosis of overweight status predicts attempted and successful weight loss in patients with cardiovascular disease and central obesity. American Heart Journal, 2010, 160, 934-942.	1.2	36
92	Changes in myocardial mechanics in patients with obesity following major weight loss after bariatric surgery. Obesity, 2013, 21, 1111-1118.	1.5	36
93	Artificial Intelligence (AI)-Empowered Echocardiography Interpretation: A State-of-the-Art Review. Journal of Clinical Medicine, 2021, 10, 1391.	1.0	36
94	External validation of a deep learning electrocardiogram algorithm to detect ventricular dysfunction. International Journal of Cardiology, 2021, 329, 130-135.	0.8	36
95	Patients With Obstructive Sleep Apnea Exhibit Impaired Endothelial Function After Myocardial Infarction. Chest, 2011, 140, 62-67.	0.4	35
96	A Summary and Critical Assessment of the 2013 ACC/AHA Guideline on the Treatment of Blood Cholesterol to Reduce Atherosclerotic Cardiovascular Disease Risk in Adults: Filling the Gaps. Mayo Clinic Proceedings, 2014, 89, 1257-1278.	1.4	35
97	Association Between Adiposity and Lean Mass With Longâ€Term Cardiovascular Events in Patients With Coronary Artery Disease: No Paradox. Journal of the American Heart Association, 2018, 7, .	1.6	35
98	Major weight loss prevents long-term left atrial enlargement in patients with morbid and extreme obesity. European Journal of Echocardiography, 2008, 9, 587-593.	2.3	34
99	Normal weight obesity and functional outcomes in older adults. European Journal of Internal Medicine, 2014, 25, 517-522.	1.0	33
100	Availability and characteristics of cardiac rehabilitation programmes in China. Heart Asia, 2016, 8, 9-12.	1.1	33
101	Demographic characteristics associated with circadian rest-activity rhythm patterns: a cross-sectional study. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 107.	2.0	32
102	World Heart Federation Cholesterol Roadmap. Global Heart, 2017, 12, 179.	0.9	30
103	The 12-lead electrocardiogram as a biomarker of biological age. European Heart Journal Digital Health, 2021, 2, 379-389.	0.7	30
104	Relation of Body Mass Index to Fatal and Nonfatal Cardiovascular Events After Cardiac Rehabilitation. American Journal of Cardiology, 2005, 96, 211-214.	0.7	29
105	Functional Aerobic Capacity in Patients With Sleep-Disordered Breathing. American Journal of Cardiology, 2013, 111, 1650-1654.	0.7	29
106	Antidepressant Use by Class: Association with Major Adverse Cardiac Events in Patients with Coronary Artery Disease. Psychotherapy and Psychosomatics, 2018, 87, 85-94.	4.0	29
107	Ceramide Scores Predict Cardiovascular Risk in the Community. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1558-1569.	1.1	29
108	Trends and Predictors of Smoking Cessation After Percutaneous Coronary Intervention (from) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	0.7	28

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109	Benefits of Cardiac Rehabilitation on Cardiovascular Outcomes in Patients With Diabetes Mellitus After Percutaneous Coronary Intervention. Journal of the American Heart Association, 2017, 6, .	1.6	28
110	Pragmatic considerations for fostering reproducible research in artificial intelligence. Npj Digital Medicine, 2019, 2, 42.	5.7	27
111	Cardiac Rehabilitation in Latin America. Progress in Cardiovascular Diseases, 2014, 57, 268-275.	1.6	26
112	Excessive Daytime Sleepiness and Cardiovascular Mortality in US Adults: A NHANES 2005â€“2008 Follow-Up Study. Nature and Science of Sleep, 2021, Volume 13, 1049-1059.	1.4	26
113	Prognostic Performance of Heart Rate Recovery on an Exercise Test in a Primary Prevention Population. Journal of the American Heart Association, 2018, 7, .	1.6	25
114	Left ventricular systolic dysfunction identification using artificial intelligence-augmented electrocardiogram in cardiac intensive care unit patients. International Journal of Cardiology, 2021, 326, 114-123.	0.8	25
115	Vascular Aging Detected by Peripheral Endothelial Dysfunction Is Associated With ECGâ€Derived Physiological Aging. Journal of the American Heart Association, 2021, 10, e018656.	1.6	25
116	Relation of Waist-Hip Ratio to Long-Term Cardiovascular Events in Patients With Coronary Artery Disease. American Journal of Cardiology, 2018, 121, 903-909.	0.7	24
117	Association of Cardiovascular Health with Epicardial Adipose Tissue and Intima Media Thickness: The Kardiovize Study. Journal of Clinical Medicine, 2018, 7, 113.	1.0	24
118	A Weight Loss Intervention Augmented by a Wearable Device in Rural Older Adults With Obesity: A Feasibility Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 95-100.	1.7	23
119	Dose of Cardiac Rehabilitation to Reduce Mortality and Morbidity: A Populationâ€Based Study. Journal of the American Heart Association, 2021, 10, e021356.	1.6	23
120	Measurement of Ejection Fraction After Myocardial Infarction in the Population. Chest, 2004, 125, 397-403.	0.4	22
121	Validity of Weight Loss to Estimate Improvement in Body Composition in Individuals Attending a Wellness Center. Obesity, 2011, 19, 2274-2279.	1.5	22
122	Mechanisms of Adverse Cardiometabolic Consequences of Obesity. Current Atherosclerosis Reports, 2013, 15, 364.	2.0	21
123	Effect of bariatric surgery on cardiometabolic risk in elderly patients: A populationâ€based study. Geriatrics and Gerontology International, 2016, 16, 618-624.	0.7	21
124	Experimental Weight Gain Increases Ambulatory Blood Pressure in Healthy Subjects: Implications of Visceral Fat Accumulation. Mayo Clinic Proceedings, 2018, 93, 618-626.	1.4	21
125	Dog Ownership and Cardiovascular Health: Results From the Kardiovize 2030 Project. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2019, 3, 268-275.	1.2	21
126	Role of Stress and Psychosocial Determinants on Women's Cardiovascular Risk and Disease Development. Journal of Women's Health, 2019, 28, 483-489.	1.5	21

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127	Artificial Intelligence ECG to Detect Left Ventricular Dysfunction in COVID-19. Mayo Clinic Proceedings, 2020, 95, 2464-2466.	1.4	21
128	Detecting cardiomyopathies in pregnancy and the postpartum period with an electrocardiogram-based deep learning model. European Heart Journal Digital Health, 2021, 2, 586-596.	0.7	20
129	Reliability of a 3D Body Scanner for Anthropometric Measurements of Central Obesity. Obesity, Open Access, 2016, 2, .	0.1	19
130	Adipose Tissue of Atrial Septum as a Marker of Coronary Artery Disease. Chest, 2007, 132, 817-822.	0.4	18
131	Characterization of Aerosol Generation During Various Intensities of Exercise. Chest, 2021, 160, 1377-1387.	0.4	18
132	Impact of Diagnosing Metabolic Syndrome on Risk Perception. American Journal of Health Behavior, 2012, 36, 522-532.	0.6	17
133	Influence of Body Fatness Distribution and Total Lean Mass on Aortic Stiffness in Nonobese Individuals. American Journal of Hypertension, 2015, 28, 401-408.	1.0	17
134	Long-term prognosis of complete percutaneous coronary revascularisation in patients with diabetes with multivessel disease. Heart, 2015, 101, 1233-1239.	1.2	17
135	Associations between high triglycerides and arterial stiffness in a population-based sample: Kardiovize Brno 2030 study. Lipids in Health and Disease, 2020, 19, 170.	1.2	17
136	Mitigation of Aerosols Generated During Exercise Testing With a Portable High-Efficiency Particulate Air Filter With Fume Hood. Chest, 2021, 160, 1388-1396.	0.4	17
137	Pathways Forward in Cardiovascular Disease Prevention One and a Half Years After Publication of the 2013 ACC/AHA Cardiovascular Disease Prevention Guidelines. Mayo Clinic Proceedings, 2015, 90, 1262-1271.	1.4	16
138	Authors' response to â€œDifferentiating between body fat and lean massâ€”how should we measure obesity?â€• Nature Clinical Practice Endocrinology and Metabolism, 2008, 4, E2-E2.	2.9	15
139	Leptin, Adiposity, and Mortality: Results From the National Health and Nutrition Examination Survey III, 1988 to 1994. Mayo Clinic Proceedings, 2015, 90, 481-491.	1.4	15
140	Cardiac rehabilitation availability and delivery in Brazil: a comparison to other upper middle-income countries. Brazilian Journal of Physical Therapy, 2020, 24, 167-176.	1.1	15
141	Cost Effectiveness of an Electrocardiographic Deep Learning Algorithm to Detect Asymptomatic Left Ventricular Dysfunction. Mayo Clinic Proceedings, 2021, 96, 1835-1844.	1.4	15
142	Rapid Exclusion of COVID Infection With the Artificial Intelligence Electrocardiogram. Mayo Clinic Proceedings, 2021, 96, 2081-2094.	1.4	15
143	Artificial Intelligence-Enabled Electrocardiography to Screen Patients with Dilated Cardiomyopathy. American Journal of Cardiology, 2021, 155, 121-127.	0.7	15
144	Artificial Intelligenceâ€“Augmented Electrocardiogram Detection of Left Ventricular Systolic Dysfunction in the General Population. Mayo Clinic Proceedings, 2021, 96, 2576-2586.	1.4	15

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145	The Effect of Replacing Sitting With Standing on Cardiovascular Risk Factors: A Systematic Review and Meta-analysis. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 611-626.	1.2	15
146	Usefulness of Epicardial Adipose Tissue as Predictor of Cardiovascular Events in Patients With Coronary Artery Disease. American Journal of Cardiology, 2012, 110, 1100-1105.	0.7	14
147	Fat Mass Index Better Identifies Metabolic Syndrome: Insights from Patients in Early Outpatient Cardiac Rehabilitation. Journal of Clinical Medicine, 2019, 8, 2147.	1.0	14
148	Medically diagnosed overweight and weight loss in a US national survey. Preventive Medicine, 2010, 51, 24-26.	1.6	13
149	Development and Impact of a Worksite Wellness Champions Program. American Journal of Health Behavior, 2016, 40, 215-220.	0.6	13
150	A Digital Health Weight Loss Program in 250,000 Individuals. Journal of Obesity, 2020, 2020, 1-8.	1.1	12
151	Screening for obstructive sleep apnea in early outpatient cardiac rehabilitation: Feasibility and results. Sleep Medicine, 2011, 12, 924-927.	0.8	11
152	Risk perception of obesity and bariatric surgery in patients seeking treatment for obesity. European Journal of Preventive Cardiology, 2014, 21, 692-703.	0.8	11
153	The Integration of Studio Cycling into a Worksite Stress Management Programme. Stress and Health, 2014, 30, 166-176.	1.4	11
154	Survey Reported Participation in Cardiac Rehabilitation and Survival After Mitral or Aortic Valve Surgery. American Journal of Cardiology, 2016, 117, 1985-1991.	0.7	11
155	Availability and delivery of cardiac rehabilitation in the Eastern Mediterranean Region: How does it compare globally?. International Journal of Cardiology, 2019, 285, 147-153.	0.8	11
156	Determinants of Metabolic Health Across Body Mass Index Categories in Central Europe: A Comparison Between Swiss and Czech Populations. Frontiers in Public Health, 2020, 8, 108.	1.3	11
157	The Long-Term Impact of Bariatric Surgery on Development of Atrial Fibrillation and Cardiovascular Events in Obese Patients: An Historical Cohort Study. Frontiers in Cardiovascular Medicine, 2021, 8, 647118.	1.1	11
158	Effectiveness of a Weight Loss Program Using Digital Health in Adolescents and Preadolescents. Childhood Obesity, 2021, 17, 311-321.	0.8	11
159	Mortality risk stratification using artificial intelligence-augmented electrocardiogram in cardiac intensive care unit patients. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 532-541.	0.4	11
160	Effect of a Lifestyle Therapy Program Using Cardiac Rehabilitation Resources on Metabolic Syndrome Components. Journal of Cardiopulmonary Rehabilitation and Prevention, 2013, 33, 360-370.	1.2	10
161	A digital health weight-loss intervention in severe obesity. Digital Health, 2020, 6, 205520762091027.	0.9	10
162	Detection of Left Atrial Myopathy Using Artificial Intelligenceâ€“Enabled Electrocardiography. Circulation: Heart Failure, 2022, 15, CIRCHEARTFAILURE120008176.	1.6	10

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163	Future Guidelines for Artificial Intelligence in Echocardiography. Journal of the American Society of Echocardiography, 2022, 35, 878-882.	1.2	10
164	Automated detection of low ejection fraction from a one-lead electrocardiogram: application of an AI algorithm to an electrocardiogram-enabled Digital Stethoscope. European Heart Journal Digital Health, 2022, 3, 373-379.	0.7	10
165	Obesity and the Heart. Revista Espanola De Cardiologia (English Ed), 2011, 64, 140-149.	0.4	9
166	Prevalence of ideal cardiovascular health in a Central European community: results from the Kardiovize Brno 2030 Project. European Journal of Preventive Cardiology, 2020, 27, 441-443.	0.8	9
167	Diagnostic Performance of Weight Loss to Predict Body Fatness Improvement in Cardiac Rehabilitation Patients. Journal of Cardiopulmonary Rehabilitation and Prevention, 2013, 33, 68-76.	1.2	8
168	Stress Management and Resilience Intervention in a Women's Heart Clinic: A Pilot Study. Journal of Women's Health, 2019, 28, 1705-1710.	1.5	8
169	Is Drinking Alcohol Really Linked to Cardiovascular Health? Evidence from the Kardiovize 2030 Project. Nutrients, 2020, 12, 2848.	1.7	8
170	The Use and Meaning of the Term Obesity in Rural Older Adults: A Qualitative Study. Journal of Applied Gerontology, 2021, 40, 423-432.	1.0	8
171	Lipidomic Profiling Identifies Signatures of Poor Cardiovascular Health. Metabolites, 2021, 11, 747.	1.3	8
172	Real-world performance, long-term efficacy, and absence of bias in the artificial intelligence enhanced electrocardiogram to detect left ventricular systolic dysfunction. European Heart Journal Digital Health, 2022, 3, 238-244.	0.7	8
173	Significance of an Increase in Diastolic Blood Pressure During a Stress Test in Terms of Comorbidities and Long-Term Total and CV Mortality. American Journal of Hypertension, 2018, 31, 976-980.	1.0	7
174	Body mass index and blood pressure in bipolar patients: Target cardiometabolic markers for clinical practice. Journal of Affective Disorders, 2021, 282, 637-643.	2.0	7
175	The Prevalence of Dysglycemia-Based Chronic Disease in a European Population â€“ a New Paradigm to Address Diabetes Burden: A Kardiovize Study. Endocrine Practice, 2021, 27, 455-462.	1.1	7
176	Cardiac rehabilitation availability and characteristics in Latin America and the Caribbean: A Global Comparison. American Heart Journal, 2021, 240, 16-27.	1.2	7
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