

Gaia Cattadori

List of Publications by Year in descending order

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77
papers

2,926
citations

136885

32
h-index

182361

51
g-index

79
all docs

79
docs citations

79
times ranked

2859
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas diffusion and alveolar-capillary unit in chronic heart failure. <i>European Heart Journal</i> , 2006, 27, 2538-2543.	1.0	209
2	Metabolic exercise test data combined with cardiac and kidney indexes, the MECKI score: A multiparametric approach to heart failure prognosis. <i>International Journal of Cardiology</i> , 2013, 167, 2710-2718.	0.8	183
3	Noninvasive Measurement of Cardiac Output During Exercise by Inert Gas Rebreathing Technique: A New Tool for Heart Failure Evaluation. <i>Journal of the American College of Cardiology</i> , 2005, 46, 1779-1781.	1.2	154
4	Exercise and heart failure: an update. <i>ESC Heart Failure</i> , 2018, 5, 222-232.	1.4	136
5	Role of endothelial dysfunction in heart failure. <i>Heart Failure Reviews</i> , 2020, 25, 21-30.	1.7	101
6	Work-rate affects cardiopulmonary exercise test results in heart failure. <i>European Journal of Heart Failure</i> , 2005, 7, 498-504.	2.9	99
7	Exercise-Induced Pulmonary Edema in Heart Failure. <i>Circulation</i> , 2003, 108, 2666-2671.	1.6	86
8	Multiparametric prognostic scores in chronic heart failure with reduced ejection fraction: a long-term comparison. <i>European Journal of Heart Failure</i> , 2018, 20, 700-710.	2.9	84
9	Effects of simulated altitude-induced hypoxia on exercise capacity in patients with chronic heart failure. <i>American Journal of Medicine</i> , 2000, 109, 450-455.	0.6	69
10	Spironolactone improves lung diffusion in chronic heart failure. <i>European Heart Journal</i> , 2005, 26, 159-164.	1.0	66
11	Multiparametric comparison of carvedilol, vs. nebivolol, vs. bisoprolol in moderate heart failure: The CARNEBI trial. <i>International Journal of Cardiology</i> , 2013, 168, 2134-2140.	0.8	65
12	Exercise tolerance can explain the obesity paradox in patients with systolic heart failure: data from the MECKI Score Research Group. <i>European Journal of Heart Failure</i> , 2016, 18, 545-553.	2.9	64
13	Prognostic Value of Indeterminable Anaerobic Threshold in Heart Failure. <i>Circulation: Heart Failure</i> , 2013, 6, 977-987.	1.6	60
14	Heart failure prognosis over time: how the prognostic role of oxygen consumption and ventilatory efficiency during exercise has changed in the last 20 years. <i>European Journal of Heart Failure</i> , 2019, 21, 208-217.	2.9	60
15	Cardiomegaly as a possible cause of lung dysfunction in patients with heart failure. <i>American Heart Journal</i> , 2000, 140, A17-A21.	1.2	58
16	Non-invasive measurement of stroke volume during exercise in heart failure patients. <i>Clinical Science</i> , 2000, 98, 545-551.	1.8	54
17	Lung function with carvedilol and bisoprolol in chronic heart failure: Is β^2 selectivity relevant?. <i>European Journal of Heart Failure</i> , 2007, 9, 827-833.	2.9	54
18	Carvedilol reduces exercise-induced hyperventilation: A benefit in normoxia and a problem with hypoxia. <i>European Journal of Heart Failure</i> , 2006, 8, 729-735.	2.9	48

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19	Long-Term Effectiveness of Cardiac Resynchronization Therapy in Heart Failure Patients With Unfavorable Cardiac Veins Anatomy. <i>Journal of the American College of Cardiology</i> , 2011, 58, 483-490.	1.2	47
20	Chronotropic Incompetence and Functional Capacity in Chronic Heart Failure: No Role of β -Blockers and β -Blocker Dose. <i>Cardiovascular Therapeutics</i> , 2012, 30, 100-108.	1.1	45
21	Sixty-Four-Slice Multidetector Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 199-205.	1.3	44
22	Cardiovascular mortality and chronotropic incompetence in systolic heart failure: the importance of a reappraisal of current cutoff criteria. <i>European Journal of Heart Failure</i> , 2014, 16, 201-209.	2.9	44
23	Effects of β -blockers on ventilation efficiency in heart failure. <i>American Heart Journal</i> , 2010, 159, 1067-1073.	1.2	42
24	Acute high-altitude exposure reduces lung diffusion: Data from the HIGHCARE Alps project. <i>Respiratory Physiology and Neurobiology</i> , 2013, 188, 223-228.	0.7	42
25	Relationship of resting hemoglobin concentration to peak oxygen uptake in heart failure patients. <i>American Journal of Hematology</i> , 2010, 85, 414-417.	2.0	40
26	Lvad pump speed increase is associated with increased peak exercise cardiac output and vo_2 , postponed anaerobic threshold and improved ventilatory efficiency. <i>International Journal of Cardiology</i> , 2017, 230, 28-32.	0.8	39
27	Cardiopulmonary interaction in heart failure. <i>Pulmonary Pharmacology and Therapeutics</i> , 2007, 20, 130-134.	1.1	37
28	The metabolic exercise test data combined with Cardiac And Kidney Indexes (MECKI) score and prognosis in heart failure. A validation study. <i>International Journal of Cardiology</i> , 2016, 203, 1067-1072.	0.8	36
29	Reference Values for Peak Exercise Cardiac Output in Healthy Individuals. <i>Chest</i> , 2017, 151, 1329-1337.	0.4	36
30	Erectile Dysfunction in Heart Failure: Correlation with Severity, Exercise Performance, Comorbidities, and Heart Failure Treatment. <i>Journal of Sexual Medicine</i> , 2009, 6, 2795-2805.	0.3	35
31	Hemodynamic Effects of Exercise Training in Heart Failure. <i>Journal of Cardiac Failure</i> , 2011, 17, 916-922.	0.7	33
32	Heart failure and anemia: Effects on prognostic variables. <i>European Journal of Internal Medicine</i> , 2017, 37, 56-63.	1.0	33
33	Circulating Plasma Surfactant Protein Type B as Biological Marker of Alveolar-Capillary Barrier Damage in Chronic Heart Failure. <i>Circulation: Heart Failure</i> , 2009, 2, 175-180.	1.6	32
34	Deceptive meaning of oxygen uptake measured at the anaerobic threshold in patients with systolic heart failure and atrial fibrillation. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1046-1055.	0.8	32
35	Exercise Training in Post-COVID-19 Patients: The Need for a Multifactorial Protocol for a Multifactorial Pathophysiology. <i>Journal of Clinical Medicine</i> , 2022, 11, 2228.	1.0	32
36	Prognostic value of cardiopulmonary exercise testing in Idiopathic Dilated Cardiomyopathy. <i>International Journal of Cardiology</i> , 2016, 223, 596-603.	0.8	30

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37	Renal Function and Peak Exercise Oxygen Consumption in Chronic Heart Failure With Reduced Left Ventricular Ejection Fraction. <i>Circulation Journal</i> , 2015, 79, 583-591.	0.7	29
38	Prognostic Value of Dynamic Changes in Pulmonary Congestion During Exercise Stress Echocardiography in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2020, 13, e006769.	1.6	29
39	Prognostic role of β -blocker selectivity and dosage regimens in heart failure patients. Insights from the <scp>MECKI</scp> score database. <i>European Journal of Heart Failure</i> , 2017, 19, 904-914.	2.9	28
40	Measuring Cardiac Output during Cardiopulmonary Exercise Testing. <i>Annals of the American Thoracic Society</i> , 2017, 14, S48-S52.	1.5	28
41	Exercise-induced hemoconcentration in heart failure due to dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 1999, 83, 278-280.	0.7	27
42	Noninvasive Cardiac Output Measurement by Inert Gas Rebreathing in Suspected Pulmonary Hypertension. <i>American Journal of Cardiology</i> , 2014, 113, 546-551.	0.7	27
43	Exercise elicits dynamic changes in extravascular lung water and haemodynamic congestion in heart failure patients with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2018, 20, 1366-1369.	2.9	26
44	Severe heart failure prognosis evaluation for transplant selection in the era of beta-blockers: Role of peak oxygen consumption. <i>International Journal of Cardiology</i> , 2013, 168, 5078-5081.	0.8	25
45	Exercise oscillatory ventilation and prognosis in heart failure patients with reduced and mid-range ejection fraction. <i>European Journal of Heart Failure</i> , 2019, 21, 1586-1595.	2.9	24
46	Evaluation of the dead space/tidal volume ratio in patients with chronic congestive heart failure. <i>Journal of Cardiac Failure</i> , 1995, 1, 401-408.	0.7	23
47	Gender and age normalization and ventilation efficiency during exercise in heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , 2020, 7, 368-377.	1.4	23
48	Exercise Performance Is a Prognostic Indicator in Elderly Patients With Chronic Heart Failure—Application of Metabolic Exercise Cardiac Kidney Indexes Score. <i>Circulation Journal</i> , 2015, 79, 2608-2615.	0.7	21
49	Lateral Decubitus Position Generates Discomfort and Worsens Lung Function in Chronic Heart Failure. <i>Chest</i> , 2005, 128, 1511-1516.	0.4	20
50	Alveolar Membrane Conductance Decreases as BNP Increases During Exercise in Heart Failure. Rationale for BNP in the Evaluation of Dyspnea. <i>Journal of Cardiac Failure</i> , 2009, 15, 136-144.	0.7	20
51	Contribution of central and peripheral factors at peak exercise in heart failure patients with progressive severity of exercise limitation. <i>International Journal of Cardiology</i> , 2017, 248, 252-256.	0.8	20
52	Sex Profile and Risk Assessment With Cardiopulmonary Exercise Testing in Heart Failure: Propensity Score Matching for Sex Selection Bias. <i>Canadian Journal of Cardiology</i> , 2016, 32, 754-759.	0.8	19
53	Influence of exertional oscillatory ventilation on exercise performance in heart failure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008, 15, 688-692.	3.1	18
54	Noninvasive Measurement of Cardiac Output During Exercise by Inert Gas Rebreathing Technique. <i>Heart Failure Clinics</i> , 2009, 5, 209-215.	1.0	17

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55	Evaluation of noninvasive exercise cardiac output determination in chronic heart failure patients: a proposal of a new diagnostic and prognostic method. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 19-27.	0.6	17
56	Prognostic role of atrial fibrillation in patients affected by chronic heart failure. Data from the MECKI score research group. <i>European Journal of Internal Medicine</i> , 2015, 26, 515-520.	1.0	16
57	Non-invasive measurement of stroke volume during exercise in heart failure patients. <i>Clinical Science</i> , 2000, 98, 545.	1.8	15
58	Noninvasive Cardiac Output Measurement: A New Tool in Heart Failure. <i>Cardiology</i> , 2009, 114, 244-246.	0.6	15
59	Assessment of cardiac resynchronization therapy response. <i>International Journal of Cardiology</i> , 2009, 136, 240-242.	0.8	14
60	Effects of Blood Transfusion on Exercise Capacity in Thalassemia Major Patients. <i>PLoS ONE</i> , 2015, 10, e0127553.	1.1	13
61	Mineralocorticoid receptor antagonists for heart failure: a real-life observational study. <i>ESC Heart Failure</i> , 2018, 5, 267-274.	1.4	13
62	Dose-dependent efficacy of β -blocker in patients with chronic heart failure and atrial fibrillation. <i>International Journal of Cardiology</i> , 2018, 273, 141-146.	0.8	13
63	Long-term prognostic role of diabetes mellitus and glycemic control in heart failure patients with reduced ejection fraction. <i>International Journal of Cardiology</i> , 2020, 317, 103-110.	0.8	13
64	Glucose-lowering drugs and heart failure: implications of recent cardiovascular outcome trials in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2019, 157, 107835.	1.1	8
65	Cardiovascular Death Risk in Recovered Mid-Range Ejection Fraction Heart Failure: Insights From Cardiopulmonary Exercise Test. <i>Journal of Cardiac Failure</i> , 2020, 26, 932-943.	0.7	8
66	Minute ventilation/carbon dioxide production in chronic heart failure. <i>European Respiratory Review</i> , 2021, 30, 200141.	3.0	7
67	ACE-Inhibition Benefit on Lung Function in Heart Failure is Modulated by ACE Insertion/Deletion Polymorphism. <i>Cardiovascular Drugs and Therapy</i> , 2016, 30, 159-168.	1.3	4
68	Beta-blockers in heart failure prognosis: Lessons learned by MECKI Score Group papers. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 65-71.	0.8	4
69	Rest and exercise oxygen uptake and cardiac output changes 6 months after successful transcatheter mitral valve repair. <i>ESC Heart Failure</i> , 2021, 8, 4915-4924.	1.4	4
70	Effects of carvedilol on oxygen uptake and heart rate kinetics in patients with chronic heart failure at simulated altitude. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 444-451.	0.8	3
71	A medicine for tall, white, blond-haired and blue-eyed, middle-aged, physically active, rich males?. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1152-1155.	0.8	2
72	Prediction of peak oxygen uptake by an endurance test: A wish and a nightmare. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 2042-2044.	0.8	2

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73	Exercise Dynamic of Patients with Chronic Heart Failure and Reduced Ejection Fraction. Current Cardiology Reports, 2021, 23, 92.	1.3	1
74	Patterns of cardiopulmonary response to exercise in cardiac diseases. , 0, , 146-159.		1
75	Cardiac resynchronization therapy and training in heart failure: A perfect marriage?. International Journal of Cardiology, 2020, 299, 177-179.	0.8	0
76	Gender differences in long-term prognosis after NSTEMI: Now you see me, now you don't!. European Journal of Internal Medicine, 2020, 81, 24-25.	1.0	0
77	Interventi sul caso Elena. Psicoterapia E Scienze Umane, 2020, , 293-295.	0.1	0