

Alberto Giannoni

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2066608/alberto-giannoni-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

113
papers

1,700
citations

23
h-index

38
g-index

143
ext. papers

2,331
ext. citations

4.6
avg, IF

4.7
L-index

#	Paper	IF	Citations
113	Multi-chamber speckle tracking imaging and diagnostic value of left atrial strain in cardiac amyloidosis.. <i>European Heart Journal Cardiovascular Imaging</i> , 2022 ,	4.1	1
112	In Vivo Murine Models of Cardiotoxicity Due to Anticancer Drugs: Challenges and Opportunities for Clinical Translation.. <i>Journal of Cardiovascular Translational Research</i> , 2022 , 1	3.3	1
111	Central Apneas Are More Detrimental in Female Than in Male Patients With Heart Failure.. <i>Journal of the American Heart Association</i> , 2022 , e024103	6	0
110	Assessment of Phasic Changes of Vascular Size by Automated Edge Tracking-State of the Art and Clinical Perspectives.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 775635	5.4	3
109	Heart Failure Results in Inspiratory Muscle Dysfunction Irrespective of Left Ventricular Ejection Fraction. <i>Respiration</i> , 2021 , 100, 96-108	3.7	1
108	Central apneas, chemoreflex sensitivity, and buspirone in spinal cord injury: a word of caution. <i>Journal of Applied Physiology</i> , 2021 , 130, 756-757	3.7	1
107	Epidemiological and clinical boundaries of heart failure with preserved ejection fraction. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	1
106	Prognostic value of reverse remodelling criteria in heart failure with reduced or mid-range ejection fraction. <i>ESC Heart Failure</i> , 2021 , 8, 3014-3025	3.7	2
105	Sacubitril-valsartan treatment is associated with decrease in central apneas in patients with heart failure with reduced ejection fraction. <i>International Journal of Cardiology</i> , 2021 , 330, 112-119	3.2	5
104	Subclinical cardiac damage in cancer patients before chemotherapy. <i>Heart Failure Reviews</i> , 2021 , 1	5	0
103	Central apnoeas and ticagrelor-related dyspnoea in patients with acute coronary syndrome. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021 , 7, 180-188	6.4	3
102	A simple echocardiographic score to rule out cardiac amyloidosis. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13449	4.6	6
101	Renin profiling predicts neurohormonal response to sacubitril/valsartan. <i>ESC Heart Failure</i> , 2021 , 8, 719-724	3.7	1
100	Use of hypocapnia for improved risk stratification in pulmonary arterial hypertension: should we return to respiratory pathophysiology?. <i>International Journal of Cardiology</i> , 2021 , 329, 208	3.2	
99	Effects of central apneas on sympathovagal balance and hemodynamics at night: impact of underlying systolic heart failure. <i>Sleep and Breathing</i> , 2021 , 25, 965-977	3.1	2
98	Effects of nasal high flow on sympathovagal balance, sleep, and sleep-related breathing in patients with precapillary pulmonary hypertension. <i>Sleep and Breathing</i> , 2021 , 25, 705-717	3.1	0
97	Sleep-Disordered Breathing and Nocturnal Hypoxemia in Precapillary Pulmonary Hypertension: Prevalence, Pathophysiological Determinants, and Clinical Consequences. <i>Respiration</i> , 2021 , 100, 865-876	2.7	3

96	Breath-hold task induces temporal heterogeneity in electroencephalographic regional field power in healthy subjects. <i>Journal of Applied Physiology</i> , 2021 , 130, 298-307	3.7	
95	A novel echocardiographic method for estimation of pulmonary artery wedge pressure and pulmonary vascular resistance. <i>ESC Heart Failure</i> , 2021 , 8, 1216-1229	3.7	8
94	Current and emerging drug targets in heart failure treatment. <i>Heart Failure Reviews</i> , 2021 , 1	5	4
93	The ergoreflex: how the skeletal muscle modulates ventilation and cardiovascular function in health and disease. <i>European Journal of Heart Failure</i> , 2021 , 23, 1458-1467	12.3	6
92	Novel Drug Targets for Central Apneas in Heart Failure: On the Road. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 490-491	10.2	
91	NT-proBNP for Risk Prediction in Heart Failure: Identification of Optimal Cutoffs Across Body Mass Index Categories. <i>JACC: Heart Failure</i> , 2021 , 9, 653-663	7.9	1
90	Mapping dependencies of BOLD signal change to end-tidal CO: Linear and nonlinear modeling, and effect of physiological noise correction. <i>Journal of Neuroscience Methods</i> , 2021 , 362, 109317	3	0
89	Hide and seek. Ticagrelor and central apneas after acute coronary syndrome. <i>Sleep Medicine</i> , 2021 , 86, 125	4.6	
88	Benefit of buspirone on chemoreflex and central apnoeas in heart failure: a randomized controlled crossover trial. <i>European Journal of Heart Failure</i> , 2021 , 23, 312-320	12.3	14
87	Response to the Letter: Sleep-Disordered Breathing in Precapillary Pulmonary Hypertension: Is the Prevalence So High? Reference Article: Sleep-Disordered Breathing and Nocturnal Hypoxemia in Precapillary Pulmonary Hypertension: Prevalence, Pathophysiological Determinants and Clinical Consequences by Zheng Z et al. <i>Respiration</i> , 2021 , 1-3	3.7	1
86	Speckle tracking echocardiography in heart failure development and progression in patients with apneas. <i>Heart Failure Reviews</i> , 2021 , 1	5	0
85	Body mass index and outcomes in ischaemic versus non-ischaemic heart failure across the spectrum of ejection fraction. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320927610	3.9	9
84	Upright Cheyne-Stokes Respiration in Patients With Heart Failure. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2934-2946	15.1	16
83	COVID-19 and risk of pulmonary fibrosis: the importance of planning ahead. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 1442-1446	3.9	41
82	Inspiratory muscle dysfunction and restrictive lung function impairment in congenital heart disease: Association with immune inflammatory response and exercise intolerance. <i>International Journal of Cardiology</i> , 2020 , 318, 45-51	3.2	6
81	Unveiling a sudden unexplained death case by whole exome sequencing and bioinformatic analysis. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1182	2.3	1
80	The extent and location of late gadolinium enhancement predict defibrillator shock and cardiac mortality in patients with non-ischaemic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2020 , 307, 180-186	3.2	4
79	Adaptive servo-ventilation therapy does not favourably alter sympatho-vagal balance in sleeping patients with systolic heart failure and central apnoeas: Preliminary data. <i>International Journal of Cardiology</i> , 2020 , 315, 59-66	3.2	8

78	Multiparametric Echocardiography Scores for the Diagnosis of Cardiac Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 909-920	8.4	47
77	Reply: Upright Cheyne-Stokes Respiration in Heart Failure: An Ominous Sign of Cardiovascular Dysregulation. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2040-2041	15.1	
76	APAP therapy does not improve impaired sleep quality and sympatho-vagal balance: a randomized trial in patients with obstructive sleep apnea and systolic heart failure. <i>Sleep and Breathing</i> , 2020 , 24, 211-219	3.1	5
75	Validity of transit time-based blood pressure measurements in patients with and without heart failure or pulmonary arterial hypertension across different breathing maneuvers. <i>Sleep and Breathing</i> , 2020 , 24, 221-230	3.1	3
74	Oxidative stress and inflammation in the evolution of heart failure: From pathophysiology to therapeutic strategies. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 494-510	3.9	56
73	Ld-EEG Effective Brain Connectivity in Patients With Cheyne-Stokes Respiration. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020 , 28, 1216-1225	4.8	1
72	Management of complications of cardiac amyloidosis: 10 questions and answers. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320920756	3.9	5
71	Impact of Simulated Hyperventilation and Periodic Breathing on Sympatho-Vagal Balance and Hemodynamics in Patients with and without Heart Failure. <i>Respiration</i> , 2019 , 98, 482-494	3.7	5
70	Sympathetic and renin-angiotensin-aldosterone system activation in heart failure with preserved, mid-range and reduced ejection fraction. <i>International Journal of Cardiology</i> , 2019 , 296, 91-97	3.2	30
69	Central and Obstructive Apneas in Heart Failure With Reduced, Mid-Range and Preserved Ejection Fraction. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 125	5.4	12
68	Noncardiac Versus Cardiac Mortality in Heart Failure With Preserved, Midrange, and Reduced Ejection Fraction. <i>Journal of the American Heart Association</i> , 2019 , 8, e013441	6	23
67	Treatment of cardiac transthyretin amyloidosis: an update. <i>European Heart Journal</i> , 2019 , 40, 3699-3706	9.5	75
66	Longer sleep duration and poor sleep quality as risk factors for hyperlipidaemia. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 1285-1287	3.9	1
65	Cheyne-Stokes respiration related oscillations in cardiopulmonary hemodynamics in patients with heart failure. <i>International Journal of Cardiology</i> , 2019 , 289, 76-82	3.2	12
64	The analysis of left atrial function predicts the severity of functional impairment in chronic heart failure: The FLASH multicenter study. <i>International Journal of Cardiology</i> , 2019 , 286, 87-91	3.2	16
63	Diaphragm function does not independently predict exercise intolerance in patients with precapillary pulmonary hypertension after adjustment for right ventricular function. <i>Bioscience Reports</i> , 2019 , 39,	4.1	5
62	Contribution of the Lung to the Genesis of Cheyne-Stokes Respiration in Heart Failure: Plant Gain Beyond Chemoreflex Gain and Circulation Time. <i>Journal of the American Heart Association</i> , 2019 , 8, e012419	6.19	14
61	High-risk NSTEMI due to Subclavian Artery Atherothrombosis in a Prior Coronary Artery Bypass Graft Patient. <i>Journal of Cardiovascular Echography</i> , 2019 , 29, 86-87	0.6	

60	On the Use of Linear-Modelling-based Algorithms for Physiological Noise Correction in fMRI Studies of the Central Breathing Control. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2019, 2019, 808-811</i>	0.9	0
59	Exploring the supra linear relationship between PetCO ₂ and fMRI signal change with ICA. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2019, 2019, 4795-4798</i>	0.9	1
58	Diaphragm Involvement in Heart Failure: Mere Consequence of Hypoperfusion or Mediated by HF-Related Pro-inflammatory Cytokine Storms?. <i>Frontiers in Physiology, 2019, 10, 1335</i>	4.6	5
57	Analysis of generic coupling between EEG activity and PCO ₂ in free breathing and breath-hold tasks using Maximal Information Coefficient (MIC). <i>Scientific Reports, 2018, 8, 4492</i>	4.9	9
56	Healthy hearts at hectic pace: From daily life stress to abnormal cardiomyocyte function and arrhythmias. <i>European Journal of Preventive Cardiology, 2018, 25, 1419-1430</i>	3.9	7
55	NT-proBNP prognostic value is maintained in elderly and very elderly patients with chronic systolic heart failure. <i>International Journal of Cardiology, 2018, 271, 324-330</i>	3.2	13
54	Arterial hypertension and the turbulent ageing of the aortic valve. <i>European Heart Journal, 2018, 39, 3604-3607</i>	9.5	1
53	Autonomic, functional, skeletal muscle, and cardiac abnormalities are associated with increased ergoreflex sensitivity in mitochondrial disease. <i>European Journal of Heart Failure, 2017, 19, 1701-1709</i>	12.3	13
52	Statin intolerance in heterozygous familial hypercholesterolemia with cardiovascular disease: After PCSK-9 antibodies what else?. <i>European Journal of Preventive Cardiology, 2017, 24, 1528-1531</i>	3.9	5
51	Hypopneas and Apneas as Physiological and Pathological Phenomena Throughout the Life Span 2017, 35-90		
50	Pathophysiology of Central Apneas in Heart Failure 2017, 91-123		2
49	The Importance of Visceral Feedbacks: Focus on Chemoreceptors 2017, 125-145		
48	To Breathe, or Not to Breathe: That Is the Question 2017, 203-217		
47	Effect of Sex on Reverse Remodeling in Chronic Systolic Heart Failure. <i>JACC: Heart Failure, 2017, 5, 735-743</i>	7.4	17
46	Prognostic Significance of Central Apneas Throughout a 24-Hour Period in Patients With Heart Failure. <i>Journal of the American College of Cardiology, 2017, 70, 1351-1364</i>	15.1	31
45	Reversal of Ticagrelor-Induced Arrhythmias and Cheyne-Stokes Respiration With Aminophylline Infusion. <i>Journal of Cardiovascular Pharmacology, 2017, 70, 290-292</i>	3.1	6
44	Neurohormonal modulation for treatment of cardiac involvement in dystrophinopathies and mitochondrial disease. <i>European Journal of Preventive Cardiology, 2017, 24, 1718-1724</i>	3.9	1
43	How to take arms against central apneas in heart failure. <i>Expert Review of Cardiovascular Therapy, 2017, 15, 743-755</i>	2.5	2

42 Breathless Heart: Final Remarks **2017**, 285-287

41 Targeting and Treating Apneas **2017**, 247-270

40	Exploratory analysis of nonlinear coupling between EEG global field power and end-tidal carbon dioxide in free breathing and breath-hold tasks. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 728-731	0.9	1
39	Influence of central apneas and chemoreflex activation on pulmonary artery pressure in chronic heart failure. <i>International Journal of Cardiology</i> , 2016 , 202, 200-6	3.2	17
38	Prediction of the Chemoreflex Gain by Common Clinical Variables in Heart Failure. <i>PLoS ONE</i> , 2016 , 11, e0153510	3.7	5
37	Targeting Mitochondrial Dysfunction in Chronic Heart Failure: Current Evidence and Potential Approaches. <i>Current Pharmaceutical Design</i> , 2016 , 22, 4807-4822	3.3	11
36	A Cross-Correlational Analysis between Electroencephalographic and End-Tidal Carbon Dioxide Signals: Methodological Issues in the Presence of Missing Data and Real Data Results. <i>Sensors</i> , 2016 , 16,	3.8	7
35	Cheyne-Stokes Respiration, Chemoreflex, and Ticagrelor-Related Dyspnea. <i>New England Journal of Medicine</i> , 2016 , 375, 1004-6	59.2	24
34	Correlational analysis of electroencephalographic and end-tidal carbon dioxide signals during breath-hold exercise. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 6102-5	0.9	4
33	Glycosylated haemoglobin is associated with neurohormonal activation and poor outcome in chronic heart failure patients with mild left ventricular systolic dysfunction. <i>Journal of Cardiovascular Medicine</i> , 2015 , 16, 423-30	1.9	3
32	Cardioprotection by remote ischemic conditioning: Mechanisms and clinical evidences. <i>World Journal of Cardiology</i> , 2015 , 7, 621-32	2.1	27
31	Galectin-3 and myocardial fibrosis in nonischemic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2015 , 184, 96-100	3.2	44
30	Peripheral reflex feedbacks in chronic heart failure: Is it time for a direct treatment?. <i>World Journal of Cardiology</i> , 2015 , 7, 824-8	2.1	2
29	Myocardial damage in a mitochondrial myopathy patient with increased ergoreceptor sensitivity and sympatho-vagal imbalance. <i>International Journal of Cardiology</i> , 2014 , 176, 1396-8	3.2	3
28	Novel cardiac pacemaker-based human model of periodic breathing to develop real-time, pre-emptive technology for carbon dioxide stabilisation. <i>Open Heart</i> , 2014 , 1, e000055	3	3
27	Treating chemoreflex in heart failure: modulation or demolition?. <i>Journal of Physiology</i> , 2014 , 592, 1903-49	3.9	4
26	Improved survival in limited scleroderma-related pulmonary artery hypertension. <i>Internal and Emergency Medicine</i> , 2014 , 9, 385-96	3.7	2
25	Do optimal prognostic thresholds in continuous physiological variables really exist? Analysis of origin of apparent thresholds, with systematic review for peak oxygen consumption, ejection fraction and BNP. <i>PLoS ONE</i> , 2014 , 9, e81699	3.7	19

24	A simple method for measuring baroreflex sensitivity holds prognostic value in heart failure. <i>International Journal of Cardiology</i> , 2013 , 169, e9-11	3.2	11
23	The paradox of low BNP levels in obesity. <i>Heart Failure Reviews</i> , 2012 , 17, 81-96	5	93
22	Abnormal hyperventilation in patients with hepatic cirrhosis: role of enhanced chemosensitivity to carbon dioxide. <i>International Journal of Cardiology</i> , 2012 , 154, 22-6	3.2	7
21	When the heart is burning: amino-terminal pro-brain natriuretic peptide as an early marker of cardiac involvement in active autoimmune rheumatic disease. <i>International Journal of Cardiology</i> , 2011 , 148, 161-7	3.2	13
20	Automatic analysis of EEG pattern during sleep in Cheyne-Stokes respiration in heart failure. <i>Sleep Medicine</i> , 2011 , 12, 529-30	4.6	7
19	Effect of acetazolamide on chemosensitivity, Cheyne-Stokes respiration, and response to effort in patients with heart failure. <i>American Journal of Cardiology</i> , 2011 , 107, 1675-80	3	42
18	Prognostic value of plasma renin activity in heart failure. <i>American Journal of Cardiology</i> , 2011 , 108, 246-51		47
17	B-type natriuretic peptide secretion following scuba diving. <i>Biomarkers in Medicine</i> , 2011 , 5, 205-9	2.3	7
16	Thirty years of the heart as an endocrine organ: physiological role and clinical utility of cardiac natriuretic hormones. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 301, H12-20	5.2	135
15	Troponin in Non-ischaemic Dilated Cardiomyopathy. <i>European Cardiology Review</i> , 2011 , 7, 220	3.9	4
14	Will high-sensitive troponin immunoassays lead to more clarity or confusion in clinical practice?. <i>Clinical Science</i> , 2010 , 119, 203-5	6.5	6
13	Real-time dynamic carbon dioxide administration: a novel treatment strategy for stabilization of periodic breathing with potential application to central sleep apnea. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1832-7	15.1	35
12	Reduced confounding by impaired ventilatory function with oxygen uptake efficiency slope and VE/VCO ₂ slope rather than peak oxygen consumption to assess exercise physiology in suspected heart failure. <i>Congestive Heart Failure</i> , 2010 , 16, 259-64		3
11	Chapter 1 High-Sensitivity Troponin. <i>Advances in Clinical Chemistry</i> , 2009 , 1-30	5.8	33
10	Energy metabolism in the normal and in the diabetic heart. <i>Current Pharmaceutical Design</i> , 2009 , 15, 836-40	3.3	26
9	Measurement of circulating concentrations of cardiac troponin I and T in healthy subjects: a tool for monitoring myocardial tissue renewal?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 1167-77	5.9	67
8	Novel use of cardiac pacemakers in heart failure to dynamically manipulate the respiratory system through algorithmic changes in cardiac output. <i>Circulation: Heart Failure</i> , 2009 , 2, 166-74	7.6	7
7	Risk factors and prognostic value of daytime Cheyne-Stokes respiration in chronic heart failure patients. <i>International Journal of Cardiology</i> , 2009 , 137, 47-53	3.2	53

6	Combined increased chemosensitivity to hypoxia and hypercapnia as a prognosticator in heart failure. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 1975-80	15.1	98
5	High-sensitivity troponin: a new tool for pathophysiological investigation and clinical practice. <i>Advances in Clinical Chemistry</i> , 2009 , 49, 1-30	5.8	3
4	Clinical relevance of non-cardiac determinants of natriuretic peptide levels. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 1515-23	5.9	16
3	Permanent atrial fibrillation affects exercise capacity in chronic heart failure patients. <i>European Heart Journal</i> , 2008 , 29, 2367-72	9.5	59
2	Clinical significance of chemosensitivity in chronic heart failure: influence on neurohormonal derangement, Cheyne-Stokes respiration and arrhythmias. <i>Clinical Science</i> , 2008 , 114, 489-97	6.5	81
1	Comparison of brain natriuretic peptide (BNP) and amino-terminal ProBNP for early diagnosis of heart failure. <i>Clinical Chemistry</i> , 2007 , 53, 1289-97	5.5	64