

Constantinos H Davos

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2548589/constantinos-h-davos-publications-by-citations.pdf>
Version: 2024-04-10

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.

92 papers	7,296 citations	37 h-index	85 g-index
105 ext. papers	9,630 ext. citations	6.6 avg, IF	5.02 L-index

#	Paper	IF	Citations
92	2014 ESC guidelines on the diagnosis and management of acute pulmonary embolism. <i>European Heart Journal</i> , 2014 , 35, 3033-69, 3069a-3069k	9.5	1974
91	Plasma cytokine parameters and mortality in patients with chronic heart failure. <i>Circulation</i> , 2000 , 102, 3060-7	16.7	634
90	Uric acid and survival in chronic heart failure: validation and application in metabolic, functional, and hemodynamic staging. <i>Circulation</i> , 2003 , 107, 1991-7	16.7	449
89	Exercise training meta-analysis of trials in patients with chronic heart failure (ExTraMATCH). <i>BMJ, The</i> , 2004 , 328, 189	5.9	388
88	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Heart Journal</i> , 2021 , 42, 3227-3337	9.5	358
87	The relationship between cholesterol and survival in patients with chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2003 , 42, 1933-40	15.1	304
86	Enhanced ventilatory response to exercise in patients with chronic heart failure and preserved exercise tolerance: marker of abnormal cardiorespiratory reflex control and predictor of poor prognosis. <i>Circulation</i> , 2001 , 103, 967-72	16.7	303
85	Body mass and survival in patients with chronic heart failure without cachexia: the importance of obesity. <i>Journal of Cardiac Failure</i> , 2003 , 9, 29-35	3.3	239
84	The prognostic effect of cardiac rehabilitation in the era of acute revascularisation and statin therapy: A systematic review and meta-analysis of randomized and non-randomized studies - The Cardiac Rehabilitation Outcome Study (CROS). <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1914-1939	3.9	181
83	Secondary prevention through comprehensive cardiovascular rehabilitation: From knowledge to implementation. 2020 update. A position paper from the Secondary Prevention and Rehabilitation Section of the European Association of Preventive Cardiology. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320913379	3.9	131
82	Frailty and cardiac rehabilitation: A call to action from the EAPC Cardiac Rehabilitation Section. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 577-590	3.9	104
81	Muscle metaboreflex-induced increases in stroke volume. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 221-8; discussion 229	1.2	97
80	Impact of Exercise Rehabilitation on Exercise Capacity and Quality-of-Life in Heart Failure: Individual Participant Meta-Analysis. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1430-1443	15.1	85
79	The European Association of Preventive Cardiology Exercise Prescription in Everyday Practice and Rehabilitative Training (EXPERT) tool: A digital training and decision support system for optimized exercise prescription in cardiovascular disease. Concept, definitions and construction methodology. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 1017-1031	3.9	84
78	Usefulness of natriuretic Peptide levels to predict mortality in adults with congenital heart disease. <i>American Journal of Cardiology</i> , 2010 , 105, 869-73	3	81
77	Uric acid in cachectic and noncachectic patients with chronic heart failure: relationship to leg vascular resistance. <i>American Heart Journal</i> , 2001 , 141, 792-9	4.9	79
76	Statin use and survival in patients with chronic heart failure--results from two observational studies with 5200 patients. <i>International Journal of Cardiology</i> , 2006 , 112, 234-42	3.2	77

75	Toll-like receptor 7 protects from atherosclerosis by constraining "inflammatory" macrophage activation. <i>Circulation</i> , 2012 , 126, 952-62	16.7	73
74	Empagliflozin Limits Myocardial Infarction and Cell Death : Role of STAT3, Mitochondria, and Redox Aspects. <i>Frontiers in Physiology</i> , 2017 , 8, 1077	4.6	70
73	Regulation of adverse remodelling by osteopontin in a genetic heart failure model. <i>European Heart Journal</i> , 2012 , 33, 1954-63	9.5	70
72	Tumor necrosis factor- α confers cardioprotection through ectopic expression of keratins K8 and K18. <i>Nature Medicine</i> , 2015 , 21, 1076-84	50.5	69
71	Exercise Prescription in Patients with Different Combinations of Cardiovascular Disease Risk Factors: A Consensus Statement from the EXPERT Working Group. <i>Sports Medicine</i> , 2018 , 48, 1781-1797	10.6	67
70	High tumour necrosis factor-alpha levels are associated with exercise intolerance and neurohormonal activation in chronic heart failure patients. <i>Cytokine</i> , 2001 , 15, 80-6	4	66
69	Impact of exercise-based cardiac rehabilitation in patients with heart failure (ExTraMATCH II) on mortality and hospitalisation: an individual patient data meta-analysis of randomised trials. <i>European Journal of Heart Failure</i> , 2018 , 20, 1735-1743	12.3	65
68	Skeletal muscle reflex in heart failure patients: role of hydrogen. <i>Circulation</i> , 2003 , 107, 300-6	16.7	64
67	Chemical mediators of the muscle ergoreflex in chronic heart failure: a putative role for prostaglandins in reflex ventilatory control. <i>Circulation</i> , 2002 , 106, 214-20	16.7	64
66	Effectiveness of comprehensive cardiac rehabilitation in coronary artery disease patients treated according to contemporary evidence based medicine: Update of the Cardiac Rehabilitation Outcome Study (CROS-II). <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 1756-1774	3.9	62
65	Desmin mediates TNF-alpha-induced aggregate formation and intercalated disk reorganization in heart failure. <i>Journal of Cell Biology</i> , 2008 , 181, 761-75	7.3	56
64	Exercise training in patients with ventricular assist devices: a review of the evidence and practical advice. A position paper from the Committee on Exercise Physiology and Training and the Committee of Advanced Heart Failure of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2019 , 21, 2-13	12.3	56
63	Molecular mechanisms of carfilzomib-induced cardiotoxicity in mice and the emerging cardioprotective role of metformin. <i>Blood</i> , 2019 , 133, 710-723	2.2	47
62	Desmin and B-crystallin interplay in the maintenance of mitochondrial homeostasis and cardiomyocyte survival. <i>Journal of Cell Science</i> , 2016 , 129, 3705-3720	5.3	45
61	Chronic heart failure in the very elderly: clinical status, survival, and prognostic factors in 188 patients more than 70 years old. <i>American Heart Journal</i> , 2001 , 142, 174-80	4.9	45
60	Exercise-based cardiac rehabilitation in twelve European countries results of the European cardiac rehabilitation registry. <i>International Journal of Cardiology</i> , 2017 , 228, 58-67	3.2	44
59	Psychological consequences among adults following the 1999 earthquake in Athens, Greece. <i>Disasters</i> , 2008 , 32, 280-91	2.8	40
58	Global impairment of cardiac autonomic nervous activity late after repair of tetralogy of Fallot. <i>Circulation</i> , 2002 , 106, 169-75	16.7	40

57	Prediction of mortality in chronic heart failure from peak oxygen consumption adjusted for either body weight or lean tissue. <i>Journal of Cardiac Failure</i> , 2004 , 10, 421-6	3.3	39
56	Ischaemic preconditioning protects against myocardial dysfunction caused by ischaemia in isolated hypertrophied rat hearts. <i>Basic Research in Cardiology</i> , 1996 , 91, 444-9	11.8	37
55	Challenges in secondary prevention of cardiovascular diseases: a review of the current practice. <i>International Journal of Cardiology</i> , 2015 , 180, 114-9	3.2	34
54	Global impairment of cardiac autonomic nervous activity late after the Fontan operation. <i>Circulation</i> , 2003 , 108 Suppl 1, II180-5	16.7	32
53	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	31
52	Complement system modulation as a target for treatment of arrhythmogenic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2015 , 110, 27	11.8	27
51	Putative contribution of prostaglandin and bradykinin to muscle reflex hyperactivity in patients on Ace-inhibitor therapy for chronic heart failure. <i>European Heart Journal</i> , 2004 , 25, 1806-13	9.5	25
50	Local hemodynamics and intimal hyperplasia at the venous side of a porcine arteriovenous shunt. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010 , 14, 681-90		24
49	Heart transplantation in heart failure: the prognostic importance of body mass index at time of surgery and subsequent weight changes. <i>European Journal of Heart Failure</i> , 2007 , 9, 839-44	12.3	24
48	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. <i>Biochemical Pharmacology</i> , 2020 , 176, 113833	6	23
47	Peptide-Drug Conjugate GnRH-Sunitinib Targets Angiogenesis Selectively at the Site of Action to Inhibit Tumor Growth. <i>Cancer Research</i> , 2016 , 76, 1181-92	10.1	22
46	Levosimendan prevents doxorubicin-induced cardiotoxicity in time- and dose-dependent manner: implications for inotropy. <i>Cardiovascular Research</i> , 2020 , 116, 576-591	9.9	21
45	Validation of Exercise Capacity as a Surrogate Endpoint in Exercise-Based Rehabilitation for Heart Failure: A Meta-Analysis of Randomized Controlled Trials. <i>JACC: Heart Failure</i> , 2018 , 6, 596-604	7.9	21
44	Chronic Empagliflozin Treatment Reduces Myocardial Infarct Size in Nondiabetic Mice Through STAT-3-Mediated Protection on Microvascular Endothelial Cells and Reduction of Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2021 , 34, 551-571	8.4	20
43	Thrombolysis in Acute Lower Limb Ischemia: Review of the Current Literature. <i>Annals of Vascular Surgery</i> , 2018 , 52, 255-262	1.7	19
42	Elevated expression of mechanosensory polycystins in human carotid atherosclerotic plaques: association with p53 activation and disease severity. <i>Scientific Reports</i> , 2015 , 5, 13461	4.9	19
41	Assessment of the classification capability of prediction and approximation methods for HRV analysis. <i>Computers in Biology and Medicine</i> , 2007 , 37, 642-54	7	18
40	Global Impairment of Cardiac Autonomic Nervous Activity Late After Repair of Tetralogy of Fallot. <i>Circulation</i> , 2002 , 106,	16.7	17

39	Hemodynamic effects of high intensity interval training in COPD patients exhibiting exercise-induced dynamic hyperinflation. <i>Respiratory Physiology and Neurobiology</i> , 2015 , 217, 8-16	2.8	16
38	The importance of return to work: How to achieve optimal reintegration in ACS patients. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 1358-1369	3.9	15
37	Neurohormonal activity and vascular properties late after aortic coarctation repair. <i>International Journal of Cardiology</i> , 2012 , 159, 211-6	3.2	14
36	Exercise-based cardiac rehabilitation for chronic heart failure: the EXTRAMATCH II individual participant data meta-analysis. <i>Health Technology Assessment</i> , 2019 , 23, 1-98	4.4	14
35	Carotid Artery Motion Estimation From Sequences of B-Mode Ultrasound Images: Effect of Scanner Settings and Image Normalization. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2009 , 58, 2102-2112 ¹³	5.2	13
34	Standardization and quality improvement of secondary prevention through cardiovascular rehabilitation programmes in Europe: The avenue towards EAPC accreditation programme: A position statement of the Secondary Prevention and Rehabilitation Section of the European Association of Preventive Cardiology (EAPC). <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 1673-1682	3.9	13
33	Amelioration of desmin network defects by B-crystallin overexpression confers cardioprotection in a mouse model of dilated cardiomyopathy caused by LMNA gene mutation. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 125, 73-86	5.8	13
32	Opposite effects of catalase and MnSOD ectopic expression on stress induced defects and mortality in the desmin deficient cardiomyopathy model. <i>Free Radical Biology and Medicine</i> , 2017 , 110, 206-218	7.8	12
31	Exercise intensity assessment and prescription in cardiovascular rehabilitation and beyond: why and how: a position statement from the Secondary Prevention and Rehabilitation Section of the European Association of Preventive Cardiology. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	12
30	Impaired calcium homeostasis is associated with sudden cardiac death and arrhythmias in a genetic equivalent mouse model of the human HRC-Ser96Ala variant. <i>Cardiovascular Research</i> , 2017 , 113, 1403-1417	9.9	10
29	Delphi consensus recommendations on how to provide cardiovascular rehabilitation in the COVID-19 era. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 541-557	3.9	9
28	Diverse radiofrequency sensitivity and radiofrequency effects of mobile or cordless phone near fields exposure in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2014 , 9, e112139	3.7	8
27	Heart rate turbulence in adults with repaired tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2009 , 135, 308-14	3.2	6
26	Regional differences in exercise training implementation in heart failure: findings from the Exercise Training in Heart Failure (ExTraHF) survey. <i>European Journal of Heart Failure</i> , 2019 , 21, 1142-1148	12.3	5
25	Cardiac autonomic nervous activity in adults with coarctation of the aorta late after repair. <i>International Journal of Cardiology</i> , 2014 , 173, 566-8	3.2	5
24	A contemporary cross-sectional study on dyslipidemia management, cardiovascular risk status, and patients' quality of life in Greece: The CHALLENGE study. <i>International Journal of Cardiology</i> , 2016 , 217, 183-9	3.2	5
23	Combined Type III and Type II Endoleaks after Endovascular Aneurysm Repair: Presentation of 2 Cases and a Literature Review. <i>Annals of Vascular Surgery</i> , 2019 , 55, 308.e5-308.e10	1.7	5
22	Neurohormones, cytokines, and aortic function in children with repaired coarctation of the aorta. <i>International Journal of Cardiology</i> , 2014 , 172, e26-7	3.2	4

21	Neurohormonal and cytokine fluctuations following transcatheter closure for an atrial septal defect. <i>Cytokine</i> , 2012 , 57, 130-5	4	4
20	Targeting of the breast cancer microenvironment with a potent and linkable oxindole based antiangiogenic small molecule. <i>Oncotarget</i> , 2017 , 8, 37250-37262	3.3	4
19	Determining exercise training responders through inflammatory status in heart failure. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 1015-1016	3.9	3
18	Early shear stress signaling on vascular endothelium by a modified partial carotid ligation model. <i>International Journal of Cardiology</i> , 2011 , 152, 413-6	3.2	3
17	Cyclic stroke mortality variations follow sunspot patterns. <i>F1000Research</i> , 2020 , 9, 1088	3.6	3
16	Desmin is essential for the structure and function of the sinoatrial node: implications for increased arrhythmogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H557-H570	5.2	3
15	Exercise training for chronic heart failure (ExTraMATCH II): Why all data are not equal. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 1229-1231	3.9	3
14	Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC; Secondary prevention and rehabilitation section) and European Heart Rhythm Association (EHRA). <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 1336-1337	3.9	3
13	Elucidating Carfilzomib-Induced Cardiotoxicity in an In Vivo Model of Aging: Prophylactic Potential of Metformin. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
12	Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC; Secondary prevention and rehabilitation section) and European Heart Rhythm Association (EHRA). <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	2
11	Carotid Artery Motion Estimation from Sequences of B-mode Ultrasound Images: Effect of Dynamic Range and Persistence		1
10	The Interplay between Myocardial Fibrosis, Strain Imaging and Collagen Biomarkers in Adults with Repaired Tetralogy of Fallot. <i>Diagnostics</i> , 2021 , 11,	3.8	1
9	Myospryn deficiency leads to impaired cardiac structure and function and schizophrenia-associated symptoms. <i>Cell and Tissue Research</i> , 2021 , 385, 675-696	4.2	1
8	Crosstalk between coagulation and complement activation promotes cardiac dysfunction in arrhythmogenic right ventricular cardiomyopathy. <i>Theranostics</i> , 2021 , 11, 5939-5954	12.1	1
7	Galectin-3 interferes with tissue repair and promotes cardiac dysfunction and comorbidities in a genetic heart failure model.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 250	10.3	1
6	The effects of exercise training on cardiac matrix metalloproteinases activity and cardiac function in mice with diabetic cardiomyopathy. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 586, 8-13	3.4	0
5	Protein tyrosine phosphatase receptor-1 deletion triggers defective heart morphogenesis in mice and zebrafish. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022 , 322, H8-H24	5.2	0
4	Future of preventive cardiology: EAPC vision 2020-22. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 356-358	3.9	0

3	P687 Complement system modulation as a target for treatment of arrhythmogenic cardiomyopathy. <i>Cardiovascular Research</i> , 2014 , 103, S125.5-S126	9.9
2	Metformin Restores AMPK Alpha-Mediated Autophagy and Prevents Carfilzomib-Induced Cardiotoxicity In Vivo. <i>Blood</i> , 2018 , 132, 3214-3214	2.2
1	The European Association of Preventive Cardiology Aviation and Occupational Cardiology Task Force. <i>European Heart Journal</i> , 2021 , 42, 2030-2033	9.5