

Constantinos H Davos

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.

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	Protein tyrosine phosphatase receptor- β 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
91	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
90	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
89	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
88	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
87	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
86	The European Association of Preventive Cardiology Aviation and Occupational Cardiology Task Force. <i>European Heart Journal</i> , 2021 , 42, 2030-2033	9.5	
85	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
84	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
83	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
82	Crosstalk between coagulation and complement activation promotes cardiac dysfunction in arrhythmogenic right ventricular cardiomyopathy. <i>Theranostics</i> , 2021 , 11, 5939-5954	12.1	1
81	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
80	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>Europace</i> , 2021 , 23, 1336-1337	3.9	3
79	Future of preventive cardiology: EAPC vision 2020-22. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 356-358	3.9	0
78	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Heart Journal</i> , 2021 , 42, 3227-3337	9.5	358
77	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	31
76	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

75	Cyclic stroke mortality variations follow sunspot patterns. <i>F1000Research</i> , 2020 , 9, 1088	3.6	3
74	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. <i>Biochemical Pharmacology</i> , 2020 , 176, 113833	6	23
73	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
72	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
71	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 , 26, 1673-1682	3.9	131
70	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 , 26, 1716-1722	3.9	13
69	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
68	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
67	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
66	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
65	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
64	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
63	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, 3-13	12.3	56
62	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
61	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
60	Thrombolysis in Acute Lower Limb Ischemia: Review of the Current Literature. <i>Annals of Vascular Surgery</i> , 2018 , 52, 255-262	1.7	19
59	Metformin Restores AMPK Alpha-Mediated Autophagy and Prevents Carfilzomib-Induced Cardiotoxicity In Vivo. <i>Blood</i> , 2018 , 132, 3214-3214	2.2	
58	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

57	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
56	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
55	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
54	Determining exercise training responders through inflammatory status in heart failure. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 1015-1016	3.9	3
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	Complement system modulation as a target for treatment of arrhythmogenic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2015 , 110, 27	11.8	27
41	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
40	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

39	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
38	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
37	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
36	P687Complement system modulation as a target for treatment of arrhythmogenic cardiomyopathy. <i>Cardiovascular Research</i> , 2014 , 103, S125.5-S126	9.9	
35	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
34	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
33	Regulation of adverse remodelling by osteopontin in a genetic heart failure model. <i>European Heart Journal</i> , 2012 , 33, 1954-63	9.5	70
32	Neurohormonal activity and vascular properties late after aortic coarctation repair. <i>International Journal of Cardiology</i> , 2012 , 159, 211-6	3.2	14
31	Neurohormonal and cytokine fluctuations following transcatheter closure for an atrial septal defect. <i>Cytokine</i> , 2012 , 57, 130-5	4	4
30	Toll-like receptor 7 protects from atherosclerosis by constraining "inflammatory" macrophage activation. <i>Circulation</i> , 2012 , 126, 952-62	16.7	73
29	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
28	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
27	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
26	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	5.3	
25	Heart rate turbulence in adults with repaired tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2009 , 135, 308-14	3.2	6
24	Psychological consequences among adults following the 1999 earthquake in Athens, Greece. <i>Disasters</i> , 2008 , 32, 280-91	2.8	40
23	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
22	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

21	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
20	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
19	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
18	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
17	Exercise training meta-analysis of trials in patients with chronic heart failure (ExTraMATCH). <i>BMJ, The</i> , 2004 , 328, 189	5.9	388
16	Skeletal muscle reflex in heart failure patients: role of hydrogen. <i>Circulation</i> , 2003 , 107, 300-6	16.7	64
15	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
14	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
13	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
12	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
11	Global impairment of cardiac autonomic nervous activity late after the Fontan operation. <i>Circulation</i> , 2003 , 108 Suppl 1, II180-5	16.7	32
10	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
9	Global Impairment of Cardiac Autonomic Nervous Activity Late After Repair of Tetralogy of Fallot. <i>Circulation</i> , 2002 , 106,	16.7	17
8	Global impairment of cardiac autonomic nervous activity late after repair of tetralogy of Fallot. <i>Circulation</i> , 2002 , 106, 169-75	16.7	40
7	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
6	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
5	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
4	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

3	Plasma cytokine parameters and mortality in patients with chronic heart failure. <i>Circulation</i> , 2000 , 102, 3060-7	16.7	634
2	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
1	Carotid Artery Motion Estimation from Sequences of B-mode Ultrasound Images: Effect of Dynamic Range and Persistence		1