

Constantinos H Davos

List of Publications by Year in descending order

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103
papers

12,397
citations

61984

43
h-index

36028

97
g-index

105
all docs

105
docs citations

105
times ranked

12371
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 29, 230-245.	1.8	111
2	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 5-115.	1.8	220
3	European Society of Cardiology Quality Indicators for Cardiovascular Disease Prevention: developed by the Working Group for Cardiovascular Disease Prevention Quality Indicators in collaboration with the European Association for Preventive Cardiology of the European Society of Cardiology. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1060-1071.	1.8	25
4	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> , 2022, 586, 8-13.	2.1	9
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.	3.2	5
6	Cardiopulmonary assessment prior to returning to high-hazard occupations post-symptomatic COVID-19 infection: a position statement of the Aviation and Occupational Cardiology Task Force of the European Association of Preventive Cardiology. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1724-1730.	1.8	9
7	Guía ESC 2021 sobre la prevención de la enfermedad cardiovascular en la práctica clínica. <i>Revista Española De Cardiología</i> , 2022, 75, 429.e1-429.e104.	1.2	27
8	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.	5.4	10
9	Efficacy, efficiency and safety of a cardiac telerehabilitation programme using wearable sensors in patients with coronary heart disease: the TELEWEAR-CR study protocol. <i>BMJ Open</i> , 2022, 12, e059945.	1.9	17
10	Space: the final frontier?. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1396-1398.	1.8	2
11	Effectiveness of Home-Based Cardiac Rehabilitation, Using Wearable Sensors, as a Multicomponent, Cutting-Edge Intervention: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 3772.	2.4	47
12	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> , 2021, 28, 460-495.	1.8	388
13	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.	5.4	44
14	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> , 2021, 28, 496-509.	1.8	57
15	Crosstalk between coagulation and complement activation promotes cardiac dysfunction in arrhythmogenic right ventricular cardiomyopathy. <i>Theranostics</i> , 2021, 11, 5939-5954.	10.0	8
16	Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC); <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1736-1752.	1.8	8
17	Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC); <i>Europace</i> , 2021, 23, 1336-1337.	1.7	5
18	Future of preventive cardiology: EAPC vision 2020-22. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 356-358.	1.8	5

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19	Is ARIS (aerobic/resistance/inspiratory muscle training) the optimal exercise training programme for chronic heart failure patients?. <i>European Journal of Preventive Cardiology</i> , 2021, , .	1.8	0
20	The European Association of Preventive Cardiology Aviation and Occupational Cardiology Task Force. <i>European Heart Journal</i> , 2021, 42, 2030-2033.	2.2	0
21	Myospryn deficiency leads to impaired cardiac structure and function and schizophrenia-associated symptoms. <i>Cell and Tissue Research</i> , 2021, 385, 675-696.	2.9	3
22	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Heart Journal</i> , 2021, 42, 3227-3337.	2.2	2,517
23	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.	1.8	20
24	Elucidating Carfilzomib's Induced Cardiotoxicity in an In Vivo Model of Aging: Prophylactic Potential of Metformin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10956.	4.1	8
25	The Interplay between Myocardial Fibrosis, Strain Imaging and Collagen Biomarkers in Adults with Repaired Tetralogy of Fallot. <i>Diagnostics</i> , 2021, 11, 2101.	2.6	4
26	Levosimendan prevents doxorubicin-induced cardiotoxicity in time- and dose-dependent manner: implications for inotropy. <i>Cardiovascular Research</i> , 2020, 116, 576-591.	3.8	32
27	Cardiovascular phenotype of mice lacking 3-mercaptopyruvate sulfurtransferase. <i>Biochemical Pharmacology</i> , 2020, 176, 113833.	4.4	45
28	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.	3.2	11
29	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.	1.8	140
30	Cyclic stroke mortality variations follow sunspot patterns. <i>F1000Research</i> , 2020, 9, 1088.	1.6	6
31	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.	7.1	14
32	Do we have to reconsider the guidelines for exercise intensity determination in cardiovascular rehabilitation?. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1918-1920.	1.8	4
33	Impact of Exercise Rehabilitation on Exercise Capacity and Quality-of-Life in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1430-1443.	2.8	172
34	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.	1.8	27
35	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.	0.9	5
36	Molecular mechanisms of carfilzomib-induced cardiotoxicity in mice and the emerging cardioprotective role of metformin. <i>Blood</i> , 2019, 133, 710-723.	1.4	82

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37	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.	7.1	84
38	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.	1.8	3
39	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.	2.8	34
40	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.	7.1	125
41	Amelioration of desmin network defects by β -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.	1.9	31
42	Validation of Exercise Capacity as a Surrogate Endpoint in Exercise-Based Rehabilitation for Heart Failure. <i>JACC: Heart Failure</i> , 2018, 6, 596-604.	4.1	47
43	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.	6.5	126
44	Thrombolysis in Acute Lower Limb Ischemia: Review of the Current Literature. <i>Annals of Vascular Surgery</i> , 2018, 52, 255-262.	0.9	30
45	Metformin Restores AMPK Alpha-Mediated Autophagy and Prevents Carfilzomib-Induced Cardiotoxicity In Vivo. <i>Blood</i> , 2018, 132, 3214-3214.	1.4	0
46	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.	1.8	161
47	Determining exercise training responders through inflammatory status in heart failure. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1015-1016.	1.8	3
48	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.	1.8	141
49	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.	2.9	20
50	Seeking best practices for cardiac rehabilitation registries in Europe. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1925-1926.	1.8	4
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.	3.8	14
52	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.	1.7	70
53	Empagliflozin Limits Myocardial Infarction in Vivo and Cell Death in Vitro: Role of STAT3, Mitochondria, and Redox Aspects. <i>Frontiers in Physiology</i> , 2017, 8, 1077.	2.8	100
54	Targeting of the breast cancer microenvironment with a potent and linkable oxindole based antiangiogenic small molecule. <i>Oncotarget</i> , 2017, 8, 37250-37262.	1.8	5

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55	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, 183-189.	1.7	5
56	Desmin and β -crystallin interplay in maintenance of mitochondrial homeostasis and cardiomyocyte survival. <i>Journal of Cell Science</i> , 2016, 129, 3705-3720.	2.0	59
57	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 â€” The Cardiac Rehabilitation Outcome Study (CROS). <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1914-1939.	1.8	257
58	Peptideâ€”Drug Conjugate GnRHâ€”Sunitinib Targets Angiogenesis Selectively at the Site of Action to Inhibit Tumor Growth. <i>Cancer Research</i> , 2016, 76, 1181-1192.	0.9	24
59	Elevated expression of mechanosensory polycystins in human carotid atherosclerotic plaques: association with p53 activation and disease severity. <i>Scientific Reports</i> , 2015, 5, 13461.	3.3	22
60	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.	1.6	21
61	Complement system modulation as a target for treatment of arrhythmogenic cardiomyopathy. <i>Basic Research in Cardiology</i> , 2015, 110, 27.	5.9	38
62	Tumor necrosis factor- β confers cardioprotection through ectopic expression of keratins K8 and K18. <i>Nature Medicine</i> , 2015, 21, 1076-1084.	30.7	93
63	Challenges in secondary prevention of cardiovascular diseases. <i>International Journal of Cardiology</i> , 2015, 180, 114-119.	1.7	43
64	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.	2.5	12
65	Cardiac autonomic nervous activity in adults with coarctation of the aorta late after repair. <i>International Journal of Cardiology</i> , 2014, 173, 566-568.	1.7	5
66	2014 ESC Guidelines on the diagnosis and management of acute pulmonary embolism. <i>European Heart Journal</i> , 2014, 35, 3033-3080.	2.2	2,591
67	Neurohormones, cytokines, and aortic function in children with repaired coarctation of the aorta. <i>International Journal of Cardiology</i> , 2014, 172, e26-e27.	1.7	5
68	P687 Complement system modulation as a target for treatment of arrhythmogenic cardiomyopathy. <i>Cardiovascular Research</i> , 2014, 103, S125.5-S126.	3.8	0
69	Regulation of adverse remodelling by osteopontin in a genetic heart failure model. <i>European Heart Journal</i> , 2012, 33, 1954-1963.	2.2	80
70	Neurohormonal activity and vascular properties late after aortic coarctation repair. <i>International Journal of Cardiology</i> , 2012, 159, 211-216.	1.7	16
71	Neurohormonal and cytokine fluctuations following transcatheter closure for an atrial septal defect. <i>Cytokine</i> , 2012, 57, 130-135.	3.2	6
72	Toll-Like Receptor 7 Protects From Atherosclerosis by Constraining â€œInflammatoryâ€”Macrophage Activation. <i>Circulation</i> , 2012, 126, 952-962.	1.6	92

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73	Early shear stress signaling on vascular endothelium by a modified partial carotid ligation model. <i>International Journal of Cardiology</i> , 2011, 152, 413-416.	1.7	3
74	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, 681-690.	3.2	30
75	Usefulness of Natriuretic Peptide Levels to Predict Mortality in Adults With Congenital Heart Disease. <i>American Journal of Cardiology</i> , 2010, 105, 869-873.	1.6	91
76	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.	4.7	14
77	Heart rate turbulence in adults with repaired tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2009, 135, 308-314.	1.7	8
78	Psychological consequences among adults following the 1999 earthquake in Athens, Greece. <i>Disasters</i> , 2008, 32, 280-291.	2.2	44
79	Local hemodynamics and intimal hyperplasia at the venous side of porcine carotid artery - jugular vein shunt. , 2008, , .		0
80	Desmin mediates TNF- α -induced aggregate formation and intercalated disk reorganization in heart failure. <i>Journal of Cell Biology</i> , 2008, 181, 761-775.	5.2	62
81	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, 839-844.	7.1	30
82	Assessment of the classification capability of prediction and approximation methods for HRV analysis. <i>Computers in Biology and Medicine</i> , 2007, 37, 642-654.	7.0	19
83	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, 234-242.	1.7	90
84	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, 1806-1813.	2.2	25
85	Review: exercise training delays death and hospital admission in chronic heart failure. <i>Evidence-Based Medicine</i> , 2004, 9, 137-137.	0.6	0
86	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, 421-426.	1.7	44
87	Exercise training meta-analysis of trials in patients with chronic heart failure (ExTraMATCH). <i>BMJ: British Medical Journal</i> , 2004, 328, 189-0.	2.3	580
88	The relationship between cholesterol and survival in patients with chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2003, 42, 1933-1940.	2.8	361
89	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.	1.7	281
90	Uric Acid and Survival in Chronic Heart Failure. <i>Circulation</i> , 2003, 107, 1991-1997.	1.6	532

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91	Global Impairment of Cardiac Autonomic Nervous Activity Late After the Fontan Operation. <i>Circulation</i> , 2003, 108, 180II-185.	1.6	48
92	Skeletal Muscle Reflex in Heart Failure Patients. <i>Circulation</i> , 2003, 107, 300-306.	1.6	69
93	Muscle Metaboreflex-Induced Increases in Stroke Volume. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 221-228.	0.4	108
94	Chemical Mediators of the Muscle Ergoreflex in Chronic Heart Failure. <i>Circulation</i> , 2002, 106, 214-220.	1.6	67
95	Global Impairment of Cardiac Autonomic Nervous Activity Late After Repair of Tetralogy of Fallot. <i>Circulation</i> , 2002, 106, .	1.6	51
96	Global impairment of cardiac autonomic nervous activity late after repair of tetralogy of Fallot. <i>Circulation</i> , 2002, 106, 169-75.	1.6	46
97	HIGH TUMOUR NECROSIS FACTOR- $\hat{I}\pm$ LEVELS ARE ASSOCIATED WITH EXERCISE INTOLERANCE AND NEUROHORMONAL ACTIVATION IN CHRONIC HEART FAILURE PATIENTS. <i>Cytokine</i> , 2001, 15, 80-86.	3.2	77
98	Uric acid in cachectic and noncachectic patients with chronic heart failure: Relationship to leg vascular resistance. <i>American Heart Journal</i> , 2001, 141, 792-799.	2.7	90
99	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, 174-180.	2.7	50
100	Enhanced Ventilatory Response to Exercise in Patients With Chronic Heart Failure and Preserved Exercise Tolerance. <i>Circulation</i> , 2001, 103, 967-972.	1.6	348
101	Plasma Cytokine Parameters and Mortality in Patients With Chronic Heart Failure. <i>Circulation</i> , 2000, 102, 3060-3067.	1.6	723
102	Ischaemic preconditioning protects against myocardial dysfunction caused by ischaemia in isolated hypertrophied rat hearts. <i>Basic Research in Cardiology</i> , 1996, 91, 444-449.	5.9	46
103	Carotid Artery Motion Estimation from Sequences of B-mode Ultrasound Images: Effect of Dynamic Range and Persistence. , 0, , .		3