Paul Dendale

List of Publications by Year
in descending order

116	24,641	136940 32	27402 106
papers	citations	h-index	g-index

120	120	120	22250
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	2018 ESC/ESH Guidelines for the management of arterial hypertension. European Heart Journal, 2018, 39, 3021-3104.	2.2	6,826
2	2021 ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure. European Heart Journal, 2021, 42, 3599-3726.	2.2	5,558
3	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. European Heart Journal, 2020, 41, 407-477.	2.2	4,210
4	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. European Heart Journal, 2021, 42, 3227-3337.	2.2	2,517
5	Secondary prevention through cardiac rehabilitation: from knowledge to implementation. A position paper from the Cardiac Rehabilitation Section of the European Association of Cardiovascular Prevention and Rehabilitation. European Journal of Cardiovascular Prevention and Rehabilitation, 2010, 17, 1-17.	2.8	629
6	SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. European Heart Journal, 2021, 42, 2439-2454.	2.2	491
7	Secondary prevention in the clinical management of patients with cardiovascular diseases. Core components, standards and outcome measures for referral and delivery. European Journal of Preventive Cardiology, 2014, 21, 664-681.	1.8	486
8	Cardiac rehabilitation in Europe: results from the European Cardiac Rehabilitation Inventory Survey. European Journal of Cardiovascular Prevention and Rehabilitation, 2010, 17, 410-418.	2.8	403
9	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. European Journal of Preventive Cardiology, 2021, 28, 460-495.	1.8	388
10	ESC e-Cardiology Working Group Position Paper: Overcoming challenges in digital health implementation in cardiovascular medicine. European Journal of Preventive Cardiology, 2019, 26, 1166-1177.	1.8	194
11	Effect of a telemonitoringâ€facilitated collaboration between general practitioner and heart failure clinic on mortality and rehospitalization rates in severe heart failure: the TEMAâ€HF 1 (TElemonitoring) Tj ETQq1 1 0.784314 rgBT /Over	1.8	188
12	A review of telerehabilitation for cardiac patients. Journal of Telemedicine and Telecare, 2015, 21, 45-53.	2.7	162
13	The future is now: a call for action for cardiac telerehabilitation in the COVID-19 pandemic from the secondary prevention and rehabilitation section of the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 2021, 28, 524-540.	1.8	146
14	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. European Journal of Preventive Cardiology, 2017, 24, 1017-1031.	1.8	141
15	Medium-Term Effectiveness of a Comprehensive Internet-Based and Patient-Specific Telerehabilitation Program With Text Messaging Support for Cardiac Patients: Randomized Controlled Trial. Journal of Medical Internet Research, 2015, 17, e185.	4.3	140
16	Cardiac telerehabilitation: A novel cost-efficient care delivery strategy that can induce long-term health benefits. European Journal of Preventive Cardiology, 2017, 24, 1708-1717.	1.8	121
17	Challenges in secondary prevention after acute myocardial infarction: A call for action. European Journal of Preventive Cardiology, 2016, 23, 1994-2006.	1.8	117
18	Performance of handheld electrocardiogram devices to detect atrial fibrillation in a cardiology and geriatric ward setting. Europace, 2017, 19, euw025.	1.7	115

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19	Neuromuscular electrical stimulation prevents muscle wasting in critically ill comatose patients. Clinical Science, 2015, 128, 357-365.	4.3	103
20	Effect of comprehensive cardiac telerehabilitation on one-year cardiovascular rehospitalization rate, medical costs and quality of life: A cost-effectiveness analysis. European Journal of Preventive Cardiology, 2016, 23, 674-682.	1.8	99
21	Participating or not in a cardiac rehabilitation programme: factors influencing a patientâ€™s decision. European Journal of Preventive Cardiology, 2013, 20, 341-348.	1.8	90
22	The Impact of Training Modalities on the Clinical Benefits of Exercise Intervention in Patients with Cardiovascular Disease Risk or Type 2 Diabetes Mellitus. Sports Medicine, 2010, 40, 921-940.	6.5	85
23	Increasing the medium-term clinical benefits of hospital-based cardiac rehabilitation by physical activity telemonitoring in coronary artery disease patients. European Journal of Preventive Cardiology, 2015, 22, 150-158.	1.8	81
24	Knowledge gaps in patients with atrial fibrillation revealed by a new validated knowledge questionnaire. International Journal of Cardiology, 2016, 223, 906-914.	1.7	65
25	The effect of intravenous ferric carboxymaltose on cardiac reverse remodelling following cardiac resynchronization therapyâ€”the IRON-CRT trial. European Heart Journal, 2021, 42, 4905-4914.	2.2	60
26	Long-term effect of rehabilitation in coronary artery disease patients: randomized clinical trial of the impact of exercise volume. Clinical Rehabilitation, 2010, 24, 319-327.	2.2	59
27	The why, when and how to test for obstructive sleep apnea in patients with atrial fibrillation. Clinical Research in Cardiology, 2018, 107, 617-631.	3.3	52
28	Telemonitoring-based feedback improves adherence to non-vitamin K antagonist oral anticoagulants intake in patients with atrial fibrillation. European Heart Journal, 2018, 39, 1394-1403.	2.2	52
29	The Health Buddies App as a Novel Tool to Improve Adherence and Knowledge in Atrial Fibrillation Patients: A Pilot Study. JMIR MHealth and UHealth, 2017, 5, e98.	3.7	43
30	Reduction of cardiovascular event rate: different effects of cardiac rehabilitation in CABG and PCI patients. Acta Cardiologica, 2009, 64, 639-644.	0.9	42
31	Frailty is highly prevalent in specific cardiovascular diseases and females, but significantly worsens prognosis in all affected patients: A systematic review. Ageing Research Reviews, 2021, 66, 101233.	10.9	40
32	ESC Core Curriculum for the Cardiologist. European Heart Journal, 2020, 41, 3605-3692.	2.2	38
33	Long-term impact of a six-month telemedical care programme on mortality, heart failure readmissions and healthcare costs in patients with chronic heart failure. Journal of Telemedicine and Telecare, 2019, 25, 286-293.	2.7	37
34	The importance of ventilatory thresholds to define aerobic exercise intensity in cardiac patients and healthy subjects. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1796-1808.	2.9	33
35	Clinical benefits of the addition of lower extremity low-intensity resistance muscle training to early aerobic endurance training intervention in patients with coronary artery disease: A randomized controlled trial. Journal of Rehabilitation Medicine, 2011, 43, 800-807.	1.1	32
36	Effectiveness and usability of an online tailored education platform for atrial fibrillation patients undergoing a direct current cardioversion or pulmonary vein isolation. International Journal of Cardiology, 2018, 272, 123-129.	1.7	31

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37	EAPC Core Curriculum for Preventive Cardiology. European Journal of Preventive Cardiology, 2022, 29, 251-274.	1.8	28
38	Evaluating the Impact of the HeartHab App on Motivation, Physical Activity, Quality of Life, and Risk Factors of Coronary Artery Disease Patients: Multidisciplinary Crossover Study. JMIR MHealth and UHealth, 2019, 7, e10874.	3.7	28
39	Cost-effectiveness of cardiac telerehabilitation in coronary artery disease and heart failure patients: systematic review of randomized controlled trials. European Heart Journal Digital Health, 2020, 1, 20-29.	1.7	26
40	Challenges in secondary prevention after acute myocardial infarction: A call for action. European Heart Journal: Acute Cardiovascular Care, 2017, 6, 299-310.	1.0	25
41	Economic and social impact of increased cardiac rehabilitation uptake and cardiac telerehabilitation in Belgium â€“ a costâ€“benefit analysis. Acta Cardiologica, 2018, 73, 222-229.	0.9	25
42	The use of cardiac imaging in the evaluation of athletes in the clinical practice: A survey by the Sports Cardiology and Exercise Section of the European Association of Preventive Cardiology and University of Siena, in collaboration with the European Association of Cardiovascular Imaging, the European Heart Rhythm Association and the ESC Working Group on Myocardial and Pericardial Diseases. European Journal of Preventive Cardiology, 2021, 28, 1071-1077.	1.8	25
43	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. European Journal of Preventive Cardiology, 2022, 29, 1060-1071.	1.8	25
44	The EAPC EXPERT tool. European Heart Journal, 2017, 38, 2318-2320.	2.2	24
45	Effect of Exercise Intervention on Cardiac Function in Type 2 Diabetes Mellitus: A Systematic Review. Sports Medicine, 2019, 49, 255-268.	6.5	24
46	Digital Health in Cardiac Rehabilitation and Secondary Prevention: A Search for the Ideal Tool. Sensors, 2021, 21, 12.	3.8	23
47	Use of cardiac telerehabilitation during COVID-19 pandemic in Belgium. Acta Cardiologica, 2020, 76, 1-4.	0.9	22
48	Delphi consensus recommendations on how to provide cardiovascular rehabilitation in the COVID-19 era. European Journal of Preventive Cardiology, 2021, 28, 541-557.	1.8	20
49	Long-term cost-benefit ratio of cardiac rehabilitation after percutaneous coronary intervention. Acta Cardiologica, 2008, 63, 451-456.	0.9	19
50	Nicotine Dependence and Urinary Nicotine, Cotinine and Hydroxycotinine Levels in Daily Smokers. Nicotine and Tobacco Research, 2016, 18, 1813-1819.	2.6	19
51	Optimising implementation of European guidelines on cardiovascular disease prevention in clinical practice: what is needed?. European Journal of Preventive Cardiology, 2021, 28, 426-431.	1.8	19
52	Telerehab III: a multi-center randomized, controlled trial investigating the long-term effectiveness of a comprehensive cardiac telerehabilitation program - Rationale and study design. BMC Cardiovascular Disorders, 2015, 15, 29.	1.7	18
53	Challenges in secondary prevention after acute myocardial infarction: A call for action. European Journal of Cardiovascular Nursing, 2017, 16, 369-380.	0.9	18
54	Effect of reinforced, targeted in-person education using the Jessa Atrial fibrillation Knowledge Questionnaire in patients with atrial fibrillation: A randomized controlled trial. European Journal of Cardiovascular Nursing, 2019, 18, 194-203.	0.9	18

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55	Iron Deficiency Is Associated With Impaired Biventricular Reserve and Reduced Exercise Capacity in Patients With Unexplained Dyspnea. Journal of Cardiac Failure, 2021, 27, 766-776.	1.7	18
56	Prevention: From the cradle to the grave and beyond. European Journal of Preventive Cardiology, 2019, 26, 507-511.	1.8	16
57	Non-alcoholic fatty liver disease, a new and growing risk indicator for cardiovascular disease. European Journal of Preventive Cardiology, 2020, 27, 1059-1063.	1.8	15
58	How do General Practitioners assess physical activity and prescribe exercise in patients with different cardiovascular diseases? An Italian pilot study. European Journal of Preventive Cardiology, 2021, 28, e20-e24.	1.8	15
59	Magnitude of muscle wasting early after onâ€pump coronary artery bypass graft surgery and exploration of aetiology. Experimental Physiology, 2015, 100, 818-828.	2.0	14
60	Validation of a singleâ€stage fixedâ€rate step test for the prediction of maximal oxygen uptake in healthy adults. Clinical Physiology and Functional Imaging, 2016, 36, 401-406.	1.2	14
61	A Grounded Approach for Applying Behavior Change Techniques in Mobile Cardiac Tele-Rehabilitation. , 2016, , .		14
62	A Novel Intelligent Two-Way Communication System for Remote Heart Failure Medication Uptitration (the CardioCoach Study): Randomized Controlled Feasibility Trial. JMIR Cardio, 2018, 2, e8.	1.7	13
63	Cardiac Telerehabilitationã€€â€• A Solution for Cardiovascular Care in Japan â€•. Circulation Reports, 2021, 3, 733-736.	1.0	12
64	Diagnostic performance of quantitative coronary computed tomography angiography and quantitative coronary angiography to predict hemodynamic significance of intermediate-grade stenoses. International Journal of Cardiovascular Imaging, 2015, 31, 1651-1661.	1.5	11
65	Coronary Computed Tomography Angiography: Patient-related factors determining image quality using a second-generation 320-slice CT scanner. International Journal of Cardiology, 2016, 221, 970-976.	1.7	10
66	Correlation of FFR-derived from CT and stress perfusion CMR with invasive FFR in intermediate-grade coronary artery stenosis. International Journal of Cardiovascular Imaging, 2019, 35, 559-568.	1.5	10
67	The value of screening questionnaires/scoring scales for obstructive sleep apnoea in patients with atrial fibrillation. Archives of Cardiovascular Diseases, 2021, 114, 737-747.	1.6	10
68	Reduction in pulmonary function after CABG surgery is related to postoperative inflammation and hypercortisolemia. International Journal of Clinical and Experimental Medicine, 2015, 8, 10938-46.	1.3	10
69	Exercise improves cardiac function and attenuates insulin resistance in Dahl salt-sensitive rats. International Journal of Cardiology, 2015, 186, 154-160.	1.7	9
70	Accreditation of clinical centres providing primary prevention, secondary prevention and rehabilitation, and sports cardiology: A step towards optimizing quality. European Journal of Preventive Cardiology, 2019, 26, 1775-1777.	1.8	8
71	Muscle wasting after coronary artery bypass graft surgery: impact on post-operative clinical status and effect of exercise-based rehabilitation. Acta Cardiologica, 2020, 75, 406-410.	0.9	8
72	Impact of continuous vs. interval training on oxygen extraction and cardiac function during exercise in type 2 diabetes mellitus. European Journal of Applied Physiology, 2022, 122, 875-887.	2.5	8

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73	A flexible joint modeling framework for longitudinal and time-to-event data with overdispersion. Statistical Methods in Medical Research, 2016, 25, 1661-1676.	1.5	7
74	Patient experiences and willingness-to-pay for cardiac telerehabilitation during the first surge of the COVID-19 pandemic: single-centre experience. Acta Cardiologica, 2021, 76, 151-157.	0.9	7
75	Chronotropic incompetence is more frequent in obese adolescents and relates to systemic inflammation and exercise intolerance. Journal of Sport and Health Science, 2023, 12, 194-201.	6.5	7
76	Bridging Patientsâ€™ Needs and Caregiversâ€™ Perspectives to Tailor Information Provisioning during Cardiac Rehabilitation. , 2018, , .		7
77	Electrical support during outdoor cycling in patients with coronary artery disease: impact on exercise intensity, volume and perception of effort. Acta Cardiologica, 2018, 73, 343-350.	0.9	6
78	Effect of targeted education for atrial fibrillation patients: Design of the EduCareâ€AF Study. European Journal of Clinical Investigation, 2021, 51, e13442.	3.4	6
79	Phase III multidisciplinary exercise-based rehabilitation is associated with fewer hospitalizations due to adverse cardiovascular events in coronary artery disease patients. European Journal of Preventive Cardiology, 2020, , .	1.8	6
80	A new smartphone application for integrated transmural care of atrial fibrillation, AF-EduApp: Usability and validation study. Digital Health, 2021, 7, 205520762110671.	1.8	6
81	Future of preventive cardiology: EAPC vision 2020â€“22. European Journal of Preventive Cardiology, 2021, 28, 356-358.	1.8	5
82	Impact of activity trackers on secondary prevention in patients with coronary artery disease: a systematic review and meta-analysis. European Journal of Preventive Cardiology, 2021, , .	1.8	5
83	Exercise capacity is related to attenuated responses in oxygen extraction and left ventricular longitudinal strain in asymptomatic type 2 diabetes patients. European Journal of Preventive Cardiology, 2020, , .	1.8	5
84	Neurological outcome after minimally invasive coronary artery bypass surgery (NOMICS): An observational prospective cohort study. PLoS ONE, 2020, 15, e0242519.	2.5	5
85	Impact of gamification on glycaemic control among patients with type 2 diabetes mellitus: a systematic review and meta-analysis of randomized controlled trials. European Heart Journal Open, 2021, 1, .	2.3	5
86	Providing comprehensive cardiac rehabilitation during and after the COVID-19 pandemic. European Journal of Preventive Cardiology, 2021, 28, 520-521.	1.8	5
87	Cardiorespiratory Polygraphy for Detection of Obstructive Sleep Apnea in Patients With Atrial Fibrillation. Frontiers in Cardiovascular Medicine, 2021, 8, 758548.	2.4	5
88	The need for long-term personalized management of frail CVD patients by rehabilitation and telemonitoring: A framework. Trends in Cardiovascular Medicine, 2022, , .	4.9	5
89	Mandatory oral glucose tolerance tests identify more diabetics in stable patients with chronic heart failure: a prospective observational study. Diabetology and Metabolic Syndrome, 2014, 6, 44.	2.7	4
90	A Case of Carcinoid Heart Disease with Desaturation and No Liver Metastases. Echocardiography, 2014, 31, E307-9.	0.9	4

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91	Asymptomatic type 2 diabetes mellitus display a reduced myocardial deformation but adequate response during exercise. European Journal of Applied Physiology, 2021, 121, 929-940.	2.5	4
92	Have You Met Your METs? â€“ Enhancing Patient Motivation to Achieve Physical Activity Targets in Cardiac Tele-rehabilitation. , 0, , .		4
93	A Comprehensive Approach to Decision Aids Supporting Shared Decision Making in Cardiac Rehabilitation. , 2019, , .		3
94	Value of Relative Myocardial Perfusion at MRI for Fractional Flow Reserveâ€“Defined Ischemia: A Pilot Study. American Journal of Roentgenology, 2019, 212, 1002-1009.	2.2	3
95	The role of cardiac rehabilitation in vocational reintegration Belgian working group of cardiovascular prevention and rehabilitation position paper. Acta Cardiologica, 2020, 75, 388-397.	0.9	3
96	Motivation of overweight patients with atrial fibrillation to lose weight or to follow a weight loss management program: a cross-sectional study. Acta Cardiologica, 2021, 76, 494-503.	0.9	3
97	Transport as a new avenue for CV prevention in city dwellers: how to kill two birds with one stone?. European Heart Journal, 2020, 41, 816-817.	2.2	3
98	Is there an optimal dose of cardiac rehabilitation in coronary artery disease patients?. International Journal of Cardiology, 2021, 330, 7-11.	1.7	3
99	Cardiac Function is Preserved in Adolescents With Well-Controlled Type 1 Diabetes and a Normal Physical Fitness: A Cross-Sectional Study. Canadian Journal of Diabetes, 2021, 45, 718-724.e1.	0.8	3
100	FIT@Home editorial: Supporting a new era of cardiac rehabilitation at home?. European Journal of Preventive Cardiology, 2017, 24, 1485-1487.	1.8	2
101	How to reliably diagnose arterial hypertension: lessons from 24â€‰h blood pressure monitoring. Blood Pressure, 2019, 28, 93-98.	1.5	2
102	The effect of minimally invasive surgical aortic valve replacement on postoperative pulmonary and skeletal muscle function. Experimental Physiology, 2019, 104, 855-865.	2.0	2
103	The new Primary Care and Risk Factor Management (PCRFM) nucleus of the European Association of Preventive Cardiology: A call for action. European Journal of Preventive Cardiology, 2020, 27, 1328-1330.	1.8	2
104	Pacemaker guided screening for severe sleep apnea, a possible option for patients with atrial fibrillation: A systematic review and metaâ€analysis. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 1421-1431.	1.2	2
105	Aberrant Mechanical Efficiency during Exercise Relates to Metabolic Health and Exercise Intolerance in Adolescents with Obesity. International Journal of Environmental Research and Public Health, 2021, 18, 10578.	2.6	2
106	The European Association of Preventive Cardiology. European Heart Journal, 2020, 41, 2610-2611.	2.2	1
107	The Jessa Hospital experience for cardiac rehabilitation. European Heart Journal, 2021, 42, 1451-1453.	2.2	1
108	Exercise-based cardiac rehabilitation: different angles to grasp its beauty. European Journal of Preventive Cardiology, 2021, , .	1.8	1

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109	A short history of the European Association of Preventive Cardiology (EAPC). European Journal of Preventive Cardiology, 2022, , .	1.8	1
110	The CoroPrevention-SDM Approach: A Technology-supported Shared Decision Making Approach for a Comprehensive Secondary Prevention Program for Cardiac Patients. , 2022, , .		1
111	Investigating Motivations and Patient Profiles for Personalization of Health Applications for Behaviour Change. , 2022, , .		1
112	Response to letter from RJ Shephard â€˜Problems of medical supervision and physiological validity encountered with fixed-rate step testsâ€™. European Journal of Applied Physiology, 2012, 112, 3697-3698.	2.5	0
113	Cardiac involvement in hypereosinophilic syndrome. Acta Cardiologica, 2016, 71, 75-76.	0.9	0
114	Clinical benefit of atrio-ventricular delay optimization in patients with a dual-chamber pacemaker: a pilot study. The CBRAVO trial (NCT01998256). Acta Cardiologica, 2016, 71, 257-265.	0.9	0
115	Rehabilitation of Patients After CABG/Sternotomy. , 2017, , 193-205.		0
116	Introducing the new Task Force on Cardiovascular Risk Factors of the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 0, , .	1.8	0