

Enno Tjeerd van der Velde

List of Publications by Year in descending order

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92
papers

11,741
citations

76326

40
h-index

48315

88
g-index

101
all docs

101
docs citations

101
times ranked

15732
citing authors

#	ARTICLE	IF	CITATIONS
1	European Guidelines on cardiovascular disease prevention in clinical practice (version 2012): The Fifth Joint Task Force of the European Society of Cardiology and Other Societies on Cardiovascular Disease Prevention in Clinical Practice (constituted by representatives of nine societies and by invited experts) * Developed with the special contribution of the European Association for Cardiovascular Prevention & Rehabilitation (EACPR). <i>European Heart Journal</i> , 2012, 33, 1635-1701.	2.2	5,247
2	Continuous measurement of left ventricular volume in animals and humans by conductance catheter.. <i>Circulation</i> , 1984, 70, 812-823.	1.6	1,136
3	Mortality in adult congenital heart disease. <i>European Heart Journal</i> , 2010, 31, 1220-1229.	2.2	518
4	Pulmonary arterial hypertension in congenital heart disease: An epidemiologic perspective from a Dutch registry. <i>International Journal of Cardiology</i> , 2007, 120, 198-204.	1.7	287
5	Continuous stroke volume and cardiac output from intra-ventricular dimensions obtained with impedance catheter. <i>Cardiovascular Research</i> , 1981, 15, 328-334.	3.8	266
6	CONCOR, an initiative towards a national registry and DNA-bank of patients with congenital heart disease in the Netherlands: Rationale, design, and first results. <i>European Journal of Epidemiology</i> , 2005, 20, 549-557.	5.7	232
7	ESC e-Cardiology Working Group Position Paper: Overcoming challenges in digital health implementation in cardiovascular medicine. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1166-1177.	1.8	194
8	Accuracy of volume measurement by conductance catheter in isolated, ejecting canine hearts.. <i>Circulation</i> , 1985, 72, 440-447.	1.6	178
9	Heart failure admissions in adults with congenital heart disease; risk factors and prognosis. <i>International Journal of Cardiology</i> , 2013, 168, 2487-2493.	1.7	172
10	Significant lead-induced tricuspid regurgitation is associated with poor prognosis at long-term follow-up. <i>Heart</i> , 2014, 100, 960-968.	2.9	142
11	The emerging burden of hospital admissions of adults with congenital heart disease. <i>Heart</i> , 2010, 96, 872-878.	2.9	140
12	Sensitivity of left ventricular end-systolic pressure-volume relation to type of loading intervention in dogs.. <i>Circulation Research</i> , 1988, 62, 1247-1258.	4.5	139
13	Nonlinearity and load sensitivity of end-systolic pressure-volume relation of canine left ventricle in vivo.. <i>Circulation</i> , 1991, 83, 315-327.	1.6	139
14	Social Burden and Lifestyle in Adults With Congenital Heart Disease. <i>American Journal of Cardiology</i> , 2012, 109, 1657-1663.	1.6	139
15	e-Health: a position statement of the European Society of Cardiology. <i>European Heart Journal</i> , 2016, 37, 63-66.	2.2	131
16	Gender and Outcome in Adult Congenital Heart Disease. <i>Circulation</i> , 2008, 118, 26-32.	1.6	118
17	MISSION!: Optimization of acute and chronic care for patients with acute myocardial infarction. <i>American Heart Journal</i> , 2007, 153, 14.e1-14.e11.	2.7	116
18	Circumstances of death in adult congenital heart disease. <i>International Journal of Cardiology</i> , 2012, 154, 168-172.	1.7	112

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19	Association Between Diffuse Myocardial Fibrosis by Cardiac Magnetic Resonance Contrast-Enhanced T1 Mapping and Subclinical Myocardial Dysfunction in Diabetic Patients. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 51-59.	2.6	109
20	The four-electrode resistivity technique in anisotropic media: theoretical analysis and application on myocardial tissue in vivo. <i>IEEE Transactions on Biomedical Engineering</i> , 1993, 40, 1138-1148.	4.2	106
21	Prognostic Implications of Raphe in Bicuspid Aortic Valve Anatomy. <i>JAMA Cardiology</i> , 2017, 2, 285.	6.1	101
22	Turning 18 with congenital heart disease: prediction of infective endocarditis based on a large population. <i>European Heart Journal</i> , 2011, 32, 1926-1934.	2.2	93
23	Voltage and Activation Mapping. <i>Circulation</i> , 2003, 108, 2099-2106.	1.6	91
24	Risk of Failure of Transvenous Implantable Cardioverter-Defibrillator Leads. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009, 2, 411-416.	4.8	88
25	Endocardial Activation Mapping of Ventricular Tachycardia in Patients. <i>Circulation</i> , 1998, 98, 2168-2179.	1.6	81
26	Three-Dimensional Catheter Positioning During Radiofrequency Ablation in Patients: First Application of a Real-Time Position Management System. <i>Journal of Cardiovascular Electrophysiology</i> , 2000, 11, 1183-1192.	1.7	80
27	Beat-to-Beat Analysis of Left Ventricular Pressure-Volume Relation and Stroke Volume by Conductance Catheter and Aortic Modelflow in Cardiomyoplasty Patients. <i>Circulation</i> , 1995, 91, 2010-2017.	1.6	77
28	Prognostic Importance of Atrial Fibrillation in Implantable Cardioverter-Defibrillator Patients. <i>Journal of the American College of Cardiology</i> , 2010, 55, 879-885.	2.8	74
29	Acquisition and analysis of cardiovascular signals on smartphones: potential, pitfalls and perspectives. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 4-13.	1.8	74
30	Effect of Smartphone-Enabled Health Monitoring Devices vs Regular Follow-up on Blood Pressure Control Among Patients After Myocardial Infarction. <i>JAMA Network Open</i> , 2020, 3, e202165.	5.9	65
31	eHealth in cardiovascular medicine: A clinical update. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 5-12.	1.8	64
32	Effects of critical coronary stenosis on global systolic left ventricular function quantified by pressure-volume relations during dobutamine stress in the canine heart. <i>Journal of the American College of Cardiology</i> , 1998, 32, 816-826.	2.8	63
33	Sex Differences in Phenotypes of Bicuspid Aortic Valve and Aortopathy. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	63
34	The End-Systolic Pressure-Volume Relationship in the Newborn Lamb: Effects of Loading and Inotropic Interventions. <i>Pediatric Research</i> , 1991, 29, 473-482.	2.3	57
35	Implantable cardioverter-defibrillator longevity under clinical circumstances: An analysis according to device type, generation, and manufacturer. <i>Heart Rhythm</i> , 2012, 9, 513-519.	0.7	55
36	Inter-ethnic differences in valve morphology, valvular dysfunction, and aortopathy between Asian and European patients with bicuspid aortic valve. <i>European Heart Journal</i> , 2018, 39, 1308-1313.	2.2	50

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37	Clinical prediction model for death prior to appropriate therapy in primary prevention implantable cardioverter defibrillator patients with ischaemic heart disease: the FADES risk score. <i>Heart</i> , 2012, 98, 872-877.	2.9	49
38	22q11.2 Deletion Syndrome is under-recognised in adult patients with tetralogy of Fallot and pulmonary atresia. <i>Heart</i> , 2010, 96, 621-624.	2.9	46
39	Driving restrictions after implantable cardioverter defibrillator implantation: an evidence-based approach. <i>European Heart Journal</i> , 2011, 32, 2678-2687.	2.2	43
40	Dependence of anisotropic myocardial electrical resistivity on cardiac phase and excitation frequency. <i>Basic Research in Cardiology</i> , 1994, 89, 411-426.	5.9	42
41	Suitability for subcutaneous defibrillator implantation: results based on data from routine clinical practice. <i>Heart</i> , 2013, 99, 1018-1023.	2.9	41
42	Right ventricular myocardial work: proof-of-concept for non-invasive assessment of right ventricular function. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 142-152.	1.2	40
43	Mortality in adult congenital heart disease: Are national registries reliable for cause of death?. <i>International Journal of Cardiology</i> , 2011, 152, 212-217.	1.7	39
44	Superresponders to cardiac resynchronization therapy remain at risk for ventricular arrhythmias and benefit from defibrillator treatment. <i>European Journal of Heart Failure</i> , 2014, 16, 1104-1111.	7.1	34
45	Gender-specific differences in clinical outcome of primary prevention implantable cardioverter defibrillator recipients. <i>Heart</i> , 2013, 99, 1244-1249.	2.9	30
46	Mobile health in cardiology: a review of currently available medical apps and equipment for remote monitoring. <i>Expert Review of Medical Devices</i> , 2016, 13, 823-830.	2.8	30
47	Implementation of smart technology to improve medication adherence in patients with cardiovascular disease: is it effective?. <i>Expert Review of Medical Devices</i> , 2018, 15, 119-126.	2.8	30
48	The mode of death in implantable cardioverter-defibrillator and cardiac resynchronization therapy with defibrillator patients: Results from routine clinical practice. <i>Heart Rhythm</i> , 2012, 9, 1605-1612.	0.7	29
49	Mobile phones in cryptogenic stroke patients Bringing single Lead ECGs for Atrial Fibrillation detection (MOBILE-AF): study protocol for a randomised controlled trial. <i>Trials</i> , 2017, 18, 402.	1.6	26
50	The EHRA White Book. <i>Europace</i> , 2012, 14, ii1-ii55.	1.7	25
51	Adults with congenital heart disease: Patients' knowledge and concerns about inheritance. <i>American Journal of Medical Genetics, Part A</i> , 2011, 155, 1661-1667.	1.2	24
52	Left Ventricular Reverse Remodeling, Device-Related Adverse Events, and Long-Term Outcome After Cardiac Resynchronization Therapy in the Elderly. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2014, 7, 437-444.	2.2	22
53	Effect of Post-Hypoxic-Ischemic Inhibition of Nitric Oxide Synthesis on Cerebral Blood Flow, Metabolism and Electrocardial Brain Activity in Newborn Lambs. <i>Neonatology</i> , 1997, 72, 216-226.	2.0	21
54	WANTED! 8000 Heart Patients. <i>International Journal of Cardiology</i> , 2011, 149, 246-247.	1.7	21

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55	Update on Small-Diameter Implantable Cardioverter-Defibrillator Leads Performance. PACE - Pacing and Clinical Electrophysiology, 2012, 35, 652-658.	1.2	21
56	Influence of Diabetes on Left Ventricular Systolic and Diastolic Function and on Long-Term Outcome After Cardiac Resynchronization Therapy. Diabetes Care, 2013, 36, 985-991.	8.6	21
57	Using Smart Technology to Improve Outcomes in Myocardial Infarction Patients: Rationale and Design of a Protocol for a Randomized Controlled Trial, The Box. JMIR Research Protocols, 2017, 6, e186.	1.0	19
58	Cerebral blood flow velocity: The influence of myocardial contractility on the velocity waveform of brain supplying arteries. Ultrasound in Medicine and Biology, 1992, 18, 441-449.	1.5	17
59	Magnetic resonance imaging analysis of left ventricular pressure-volume relations: Validation with the conductance method at rest and during dobutamine stress. Magnetic Resonance in Medicine, 1995, 34, 728-737.	3.0	17
60	Mortality risk score in primary prevention implantable cardioverter defibrillator recipients with non-ischaemic or ischaemic heart disease. European Heart Journal, 2010, 31, 712-718.	2.2	17
61	Noninvasive Left Ventricular Myocardial Work in Patients with Chronic Aortic Regurgitation and Preserved Left Ventricular Ejection Fraction. Journal of the American Society of Echocardiography, 2022, 35, 703-711.e3.	2.8	17
62	Implementation of Lead Safety Recommendations. PACE - Pacing and Clinical Electrophysiology, 2010, 33, 431-436.	1.2	16
63	Comparison between regional myocardial perfusion reserve and coronary flow reserve in the canine heart. European Heart Journal, 1995, 16, 1860-1871.	2.2	14
64	Evaluation of a new transcardiac conductance method for continuous on-line measurement of left ventricular volume. Critical Care Medicine, 2000, 28, 1599-1606.	0.9	13
65	Chance of surgery in adult congenital heart disease. European Journal of Preventive Cardiology, 2017, 24, 1319-1327.	1.8	13
66	Cardiac sympathetic denervation does not change the load dependence of the left ventricular end-systolic pressure/volume relationship in dogs. Pflugers Archiv European Journal of Physiology, 1993, 425, 426-433.	2.8	12
67	Remote monitoring of patients with implanted devices: data exchange and integration. European Journal of Preventive Cardiology, 2013, 20, 8-12.	1.8	12
68	Cost-Effectiveness of Primary Prevention Implantable Cardioverter Defibrillator Treatment: Data from a Large Clinical Registry. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 25-34.	1.2	12
69	Cardiac Resynchronization Therapy in CKD Stage 4 Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 1740-1748.	4.5	12
70	Letter by Winter et al Regarding Article, "Children and Adults With Congenital Heart Disease Lost to Follow-Up: Who and When?" Circulation, 2010, 121, e252; author reply e253.	1.6	11
71	Integration of data from remote monitoring systems and programmers into the hospital electronic health record system based on international standards. Netherlands Heart Journal, 2012, 20, 66-70.	0.8	11
72	Cardiovascular MR imaging: Pressure-gating using the arterial pressure signal from a conventional ferromagnetic micromanometer-tip catheter. Magnetic Resonance Imaging, 1994, 12, 531-534.	1.8	9

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73	Pretreatment with allopurinol in cardiac hypoxic-ischemic reperfusion injury in newborn lambs exerts its beneficial effect through afterload reduction. <i>Basic Research in Cardiology</i> , 1999, 94, 23-30.	5.9	9
74	A new approach to determine parallel conductance for left ventricular volume measurements. <i>Cardiovascular Research</i> , 2000, 48, 455-463.	3.8	9
75	Reproducible model of post-infarction left ventricular dysfunction: haemodynamic characterization by conductance catheter. <i>European Journal of Cardio-thoracic Surgery</i> , 2003, 24, 98-104.	1.4	9
76	Redesigning healthcare: The 2.4 billion euro question?. <i>Netherlands Heart Journal</i> , 2016, 24, 441-446.	0.8	9
77	Defining Subclinical Myocardial Dysfunction and Implications for Patients With Diabetes Mellitus and Preserved Ejection Fraction. <i>American Journal of Cardiology</i> , 2019, 124, 892-898.	1.6	9
78	Effect of Deferoxamine on Post-Hypoxic-Ischemic Reperfusion Injury of the Newborn Lamb Heart. <i>Neonatology</i> , 1999, 75, 239-249.	2.0	7
79	The volume-dependency of parallel conductance throughout the cardiac cycle and its consequence for volume estimation of the left ventricle in patients. <i>Cardiovascular Research</i> , 2001, 51, 729-735.	3.8	7
80	Correlated neurocardiologic and fitness changes in athletes interrupting training. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 571-575.	0.4	6
81	Comparison of the diagnostic accuracy of four smartphone-compatible blood pressure monitors in post-myocardial infarction patients. <i>Journal of Telemedicine and Telecare</i> , 2018, 24, 404-409.	2.7	5
82	Protecting patient privacy in digital health technology: the Dutch m-Health infrastructure of Hartwacht as a learning case. <i>BMJ Innovations</i> , 2020, 6, 170-176.	1.7	5
83	Comparison of four smartphone compatible blood pressure monitors. , 2015, , .		2
84	Progression towards Heart Failure after Myocardial Infarction Is Accompanied by a Change in the Spatial QRS-T Angle. , 0, , .		2
85	Mobile Health for Central Sleep Apnea Screening Among Patients With Stable Heart Failure: Single-Cohort, Open, Prospective Trial. <i>JMIR Cardio</i> , 2019, 3, e9894.	1.7	2
86	The Boxâ€™eHealth in the Outpatient Clinic Follow-up of Patients With Acute Myocardial Infarction: Cost-Utility Analysis. <i>Journal of Medical Internet Research</i> , 2022, 24, e30236.	4.3	2
87	Real-World Experience of mHealth Implementation in Clinical Practice (the Box): Design and Usability Study. <i>JMIR Cardio</i> , 2021, 5, e26072.	1.7	2
88	Acute effects of balloon valvuloplasty and pacing on left ventricular performance in children with moderate pulmonary valve stenosis, analysed by systolic and diastolic pressureâ€™volume relationships. <i>European Heart Journal</i> , 1994, 15, 83-88.	2.2	1
89	Prognostic Relevance of Right Ventricular Remodeling after ST-Segment Elevation Myocardial Infarction in Patients Treated With Primary Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2022, 170, 1-9.	1.6	1
90	IMPLANTABLE CARDIOVERTER DEFIBRILLATOR LONGEVITY IN A LARGE SINGLE CENTER COHORT. <i>Journal of the American College of Cardiology</i> , 2011, 57, E108.	2.8	0

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91	CardioPulse Articles. European Heart Journal, 2015, 36, 832-836.	2.2	0
92	Serial ECG Analysis after Myocardial Infarction: When Heart Failure Develops, the ECG Becomes Increasingly Discordant. , 0, , .		0