

# Wolfgang Dichtl

## List of Publications by Year in descending order

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111  
papers

6,721  
citations

87888

38  
h-index

62596

80  
g-index

115  
all docs

115  
docs citations

115  
times ranked

7938  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Features and Outcomes of Takotsubo (Stress) Cardiomyopathy. New England Journal of Medicine, 2015, 373, 929-938.	27.0	1,827
2	Oxidative Stress in Cardiovascular Diseases: Still a Therapeutic Target?. Nutrients, 2019, 11, 2090.	4.1	457
3	Multislice Computed Tomography in Infective Endocarditis. Journal of the American College of Cardiology, 2009, 53, 436-444.	2.8	368
4	HMG-CoA Reductase Inhibitors Regulate Inflammatory Transcription Factors in Human Endothelial and Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 58-63.	2.4	320
5	Functional Recovery of a Human Neonatal Heart After Severe Myocardial Infarction. Circulation Research, 2016, 118, 216-221.	4.5	272
6	Long-Term Prognosis of Patients With Takotsubo Syndrome. Journal of the American College of Cardiology, 2018, 72, 874-882.	2.8	224
7	Very Low-Density Lipoprotein Activates Nuclear Factor- $\kappa$ B in Endothelial Cells. Circulation Research, 1999, 84, 1085-1094.	4.5	188
8	Multislice Computed Tomography for Detection of Patients With Aortic Valve Stenosis and Quantification of Severity. Journal of the American College of Cardiology, 2006, 47, 1410-1417.	2.8	166
9	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. European Heart Journal, 2016, 37, 2823-2829.	2.2	136
10	ECG Criteria to Differentiate Between Takotsubo (Stress) Cardiomyopathy and Myocardial Infarction. Journal of the American Heart Association, 2016, 5, .	3.7	111
11	Robotically Assisted Totally Endoscopic Atrial Septal Defect Repair: Insights From Operative Times, Learning Curves, and Clinical Outcome. Annals of Thoracic Surgery, 2006, 82, 687-693.	1.3	104
12	Sixty-Four Slice CT Evaluation of Aortic Stenosis Using Planimetry of the Aortic Valve Area. American Journal of Roentgenology, 2007, 189, 197-203.	2.2	102
13	The high-risk criteria low-attenuation plaque $\leq 60$ HU and the napkin-ring sign are the most powerful predictors of MACE: a long-term follow-up study. European Heart Journal Cardiovascular Imaging, 2017, 18, 772-779.	1.2	95
14	Statins differentially regulate vascular endothelial growth factor synthesis in endothelial and vascular smooth muscle cells. Atherosclerosis, 2003, 170, 229-236.	0.8	94
15	Prognostic Value of Brachial Artery Endothelial Function and Wall Thickness. Journal of the American College of Cardiology, 2005, 46, 1006-1010.	2.8	93
16	Prognosis and Risk Factors in Patients With Asymptomatic Aortic Stenosis and Their Modulation by Atorvastatin (20 mg). American Journal of Cardiology, 2008, 102, 743-748.	1.6	88
17	Cardiac CT Angiography for the Diagnosis of Mitral Valve Prolapse: Comparison with Echocardiography. Radiology, 2010, 254, 374-383.	7.3	83
18	Contractility sensor-guided optimization of cardiac resynchronization therapy: results from the RESPOND-CRT trial. European Heart Journal, 2017, 38, ehv526.	2.2	83

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19	Cardiac hepatopathy before and after heart transplantation. <i>Transplant International</i> , 2005, 18, 697-702.	1.6	81
20	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. <i>European Heart Journal</i> , 2019, 40, 2142-2151.	2.2	79
21	Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. <i>Circulation</i> , 2019, 139, 413-415.	1.6	75
22	64-MDCT for Diagnosis of Aortic Regurgitation in Patients Referred to CT Coronary Angiography. <i>American Journal of Roentgenology</i> , 2008, 191, W1-W7.	2.2	74
23	Diagnostic Performance of MDCT for Detecting Aortic Valve Regurgitation. <i>American Journal of Roentgenology</i> , 2006, 186, 1676-1681.	2.2	67
24	The diagnostic and prognostic value of coronary CT angiography in asymptomatic high-risk patients: a cohort study. <i>Open Heart</i> , 2014, 1, e000096.	2.3	66
25	Clinical Features and Outcomes of Patients With Malignancy and Takotsubo Syndrome: Observations From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , 2019, 8, e010881.	3.7	63
26	Atorvastatin Affects Several Angiogenic Mediators in Human Endothelial Cells. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2005, 12, 233-241.	1.7	62
27	Atorvastatin decreases vascular endothelial growth factor in patients with coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2002, 39, 1951-1955.	2.8	55
28	Comparison of Three-Dimensional Imaging to Transesophageal Echocardiography for Preoperative Evaluation in Mitral Valve Prolapse. <i>American Journal of Cardiology</i> , 2006, 98, 243-248.	1.6	52
29	Linoleic acid-stimulated vascular adhesion molecule-1 expression in endothelial cells depends on nuclear factor-[kappa]B activation. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 327-333.	3.4	50
30	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , 2020, 41, 3255-3268.	2.2	49
31	Oxidized LDL and Lysophosphatidylcholine Stimulate Plasminogen Activator Inhibitor-1 Expression in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 3025-3032.	2.4	46
32	Atrial high-rate episodes: prevalence, stroke risk, implications for management, and clinical gaps in evidence. <i>Europace</i> , 2019, 21, 1459-1467.	1.7	45
33	Vascular endothelial growth factor synthesis in vascular smooth muscle cells is enhanced by 7-ketocholesterol and lysophosphatidylcholine independently of their effect on nitric oxide generation. <i>Atherosclerosis</i> , 2001, 159, 325-332.	0.8	44
34	Neopterin, CD4+CD28 <sup>hi</sup> lymphocytes and the extent and severity of coronary artery disease. <i>International Journal of Cardiology</i> , 2009, 135, 27-35.	1.7	42
35	Appropriate Therapy But Not Inappropriate Shocks Predict Survival in Implantable Cardioverter Defibrillator Patients. <i>Clinical Cardiology</i> , 2011, 34, 433-436.	1.8	42
36	Age-Related Variations in Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1869-1877.	2.8	42

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37	Single-Beat Noninvasive Imaging of Ventricular Endocardial and Epicardial Activation in Patients Undergoing CRT. PLoS ONE, 2011, 6, e16255.	2.5	41
38	Diagnostic Accuracy of Cardiac 64-Slice Computed Tomography in Detecting Atrial Thrombi. Investigative Radiology, 2008, 43, 794-801.	6.2	40
39	The Carboxyl-Terminal Fragment of $\alpha_1$ -Antitrypsin Is Present in Atherosclerotic Plaques and Regulates Inflammatory Transcription Factors in Primary Human Monocytes. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 2000, 4, 50-61.	1.6	37
40	Intraventricular Thrombus Formation and Embolism in Takotsubo Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 279-287.	2.4	34
41	Effect of atorvastatin on circulating proinflammatory T-lymphocyte subsets and soluble CD40 ligand in patients with stable coronary artery disease—A randomized, placebo-controlled study. American Heart Journal, 2006, 151, 139.e1-139.e7.	2.7	33
42	Comparison of Benefit and Mortality of Implantable Cardioverter-Defibrillator Therapy in Patients Aged $\geq 75$ Years Versus Those $< 75$ Years. American Journal of Cardiology, 2012, 109, 712-717.	1.6	32
43	Very low density lipoprotein potentiates tumor necrosis factor- $\alpha$ expression in macrophages. Atherosclerosis, 2005, 179, 247-254.	0.8	29
44	Influence of vitamin K antagonists and direct oral anticoagulation on coronary artery disease: A CTA analysis. International Journal of Cardiology, 2018, 260, 11-15.	1.7	28
45	Clinical Predictors and Prognostic Impact of Recovery of Wall Motion Abnormalities in Takotsubo Syndrome: Results From the International Takotsubo Registry. Journal of the American Heart Association, 2019, 8, e011194.	3.7	27
46	Is There a Relation between Non-Calcifying Coronary Plaques and Acute Coronary Syndromes? A Retrospective Study Using Multislice Computed Tomography. Cardiology, 2008, 110, 241-248.	1.4	26
47	Impact of aspirin on takotsubo syndrome: a propensity score-based analysis of the InterTAK Registry. European Journal of Heart Failure, 2020, 22, 330-337.	7.1	24
48	Quantification of Aortic Regurgitant Fraction and Volume with Multi-detector Computed Tomography. Academic Radiology, 2011, 18, 334-342.	2.5	23
49	Acute motor and sensory axonal neuropathy in Burkitt-like lymphoma. Muscle and Nerve, 2006, 34, 494-498.	2.2	22
50	Does coronary calcium score zero reliably rule out coronary artery disease in low-to-intermediate risk patients? A coronary CTA study. Journal of Cardiovascular Computed Tomography, 2020, 14, 155-161.	1.3	22
51	Effect of atorvastatin on peripheral endothelial function and systemic inflammatory markers in patients with stable coronary artery disease. Wiener Medizinische Wochenschrift, 2007, 157, 73-78.	1.1	20
52	Prediction of short- and long-term mortality in takotsubo syndrome: the InterTAK Prognostic Score. European Journal of Heart Failure, 2019, 21, 1469-1472.	7.1	20
53	In Vivo Stimulation of Vascular Plasminogen Activator Inhibitor-1 Production by very Low-Density Lipoprotein Involves Transcription Factor Binding to a VLDL-Responsive Element. Thrombosis and Haemostasis, 2000, 84, 706-711.	3.4	19
54	Vascular endothelial growth factor: angiogenesis, atherogenesis or both?. Journal of the American College of Cardiology, 2001, 38, 2137-2138.	2.8	19

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55	Impact of Atrial Fibrillation on Outcome in Takotsubo Syndrome: Data From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , 2021, 10, e014059.	3.7	18
56	Coronary atherosclerosis characteristics in HIV-infected patients on long-term antiretroviral therapy. <i>Aids</i> , 2019, 33, 1853-1862.	2.2	17
57	Functional neuroimaging in the acute phase of Takotsubo syndrome: volumetric and functional changes of the right insular cortex. <i>Clinical Research in Cardiology</i> , 2020, 109, 1107-1113.	3.3	17
58	Added value of high-risk plaque criteria by coronary CTA for prediction of long-term outcomes. <i>Atherosclerosis</i> , 2020, 300, 26-33.	0.8	16
59	Quantitative coronary CT angiography: absolute lumen sizing rather than %stenosis predicts hemodynamically relevant stenosis. <i>European Radiology</i> , 2016, 26, 3781-3789.	4.5	13
60	Clinical correlates and prognostic impact of neurologic disorders in Takotsubo syndrome. <i>Scientific Reports</i> , 2021, 11, 23555.	3.3	13
61	Improved Preoperative Assessment of Papillary Fibroelastoma by Dynamic Three-Dimensional Echocardiography. <i>Circulation</i> , 2002, 106, 1300-1300.	1.6	12
62	Fusion of multislice computed tomography and electroanatomical mapping data for 3D navigation of left and right atrial catheter ablation. <i>European Journal of Radiology</i> , 2008, 68, 456-464.	2.6	12
63	Long-term results of high vs. normal impedance ventricular leads on actual (Real-Life) pacemaker generator longevity. <i>Europace</i> , 2008, 11, 200-205.	1.7	12
64	Sleep apnea detection by a cardiac resynchronization device integrated thoracic impedance sensor: A validation study against the gold standard polysomnography. <i>PLoS ONE</i> , 2018, 13, e0195573.	2.5	12
65	Countervailing effects of rapamycin (sirolimus) on nuclear factor- $\kappa$ B activities in neointimal and medial smooth muscle cells. <i>Atherosclerosis</i> , 2006, 186, 321-330.	0.8	11
66	SYNE1-ataxia: Novel genotypic and phenotypic findings. <i>Parkinsonism and Related Disorders</i> , 2019, 62, 210-214.	2.2	11
67	An uncommon coronary artery fistula causing survived sudden cardiac death in a young woman. <i>International Journal of Cardiovascular Imaging</i> , 2005, 21, 387-390.	1.5	10
68	Non-invasive imaging of cardiac electrophysiology in a cardiac resynchronization therapy defibrillator patient with a quadripolar left ventricular lead. <i>Europace</i> , 2014, 16, 743-749.	1.7	10
69	Long-Term Prognostic Value of High-Sensitivity Troponin T Added to N-Terminal Pro Brain Natriuretic Peptide Plasma Levels Before Valve Replacement for Severe Aortic Stenosis. <i>American Journal of Cardiology</i> , 2019, 124, 1932-1939.	1.6	10
70	The effect of omega-3 fatty acids on coronary atherosclerosis quantified by coronary computed tomography angiography. <i>Clinical Nutrition</i> , 2021, 40, 1123-1129.	5.0	10
71	Case report of a COVID-19-associated myocardial infarction with no obstructive coronary arteries: the mystery of the phantom embolus or local endothelitis. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa521.	0.6	10
72	Relationship of exercise to coronary artery disease extent, severity and plaque type: A coronary computed tomography angiography study. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 34-40.	1.3	9

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73	Prevalence of early repolarization syndrome and long-term clinical outcome in patients with the diagnosis of idiopathic ventricular fibrillation. <i>Heart and Vessels</i> , 2019, 34, 625-631.	1.2	9
74	Gender Differences in the Atherosclerosis Profile by Coronary CTA in Coronary Artery Calcium Score Zero Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 1220.	2.4	9
75	Improved non-calcified plaque delineation on coronary CT angiography by sonogram-affirmed iterative reconstruction with different filter strength and relationship with BMI. <i>Cardiovascular Diagnosis and Therapy</i> , 2015, 5, 104-12.	1.7	9
76	C-reactive protein plasma levels but not factor VII activity predict clinical outcome in patients undergoing elective coronary intervention. <i>Clinical Cardiology</i> , 2004, 27, 211-216.	1.8	8
77	Impact of oxygen uptake efficiency slope as a marker of cardiorespiratory reserve on response to cardiac resynchronization therapy. <i>Clinical Research in Cardiology</i> , 2011, 100, 159-166.	3.3	8
78	Prognostic impact of acute pulmonary triggers in patients with takotsubo syndrome: new insights from the International Takotsubo Registry. <i>ESC Heart Failure</i> , 2021, 8, 1924-1932.	3.1	8
79	Smoking and obesity predict high-risk plaque by coronary CTA in low coronary artery calcium score (CACS). <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 499-505.	1.3	8
80	Ethnic comparison in takotsubo syndrome: novel insights from the International Takotsubo Registry. <i>Clinical Research in Cardiology</i> , 2022, 111, 186-196.	3.3	8
81	Specific indications and clinical outcome in patients with subcutaneous implantable cardioverter-defibrillator (ICD) – A nationwide multicentre registry. <i>European Journal of Internal Medicine</i> , 2018, 48, 64-68.	2.2	7
82	Central Sleep Apnea and Pacing-Induced Cardiomyopathy. <i>American Journal of Cardiology</i> , 2021, 139, 97-104.	1.6	7
83	Natriuretic peptides stimulate cyclic guanosine monophosphate production in human saphenous vein and internal mammary artery. <i>European Journal of Cardio-thoracic Surgery</i> , 2000, 17, 175-181.	1.4	6
84	High-Resolution 16-MDCT Evaluation of Radial Artery for Potential Use as Coronary Artery Bypass Graft: A Feasibility Study. <i>American Journal of Roentgenology</i> , 2005, 185, 1289-1293.	2.2	6
85	Left Atrial Appendage Morphology Is Associated With Cryptogenic Stroke. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2079-2081.	5.3	6
86	Coronary atherosclerosis profile in patients with end-stage liver disease prior to liver transplantation due to alcoholic fatty liver: a coronary CTA study. <i>European Radiology</i> , 2021, 31, 494-503.	4.5	6
87	Duration of the A(H)–A(Md) interval predicts occurrence of AV-block after radiofrequency ablation of the slow pathway. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2011, 31, 207-215.	1.3	5
88	Long-term performance of an atrial lead capable of accelerometer based detection of cardiac contractility in patients receiving cardiac resynchronisation therapy. <i>PLoS ONE</i> , 2019, 14, e0222269.	2.5	5
89	Left Atrial Appendage Morphology and Left Atrial Wall Thickness Are Associated with Cardio-Embolic Stroke. <i>Journal of Clinical Medicine</i> , 2020, 9, 3944.	2.4	5
90	The Effect of Vitamin D on Coronary Atherosclerosis: A Propensity Score Matched Case–Control Coronary CTA Study. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 85.	1.6	5

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91	Identifying the Location of an Accessory Pathway in Pre-Excitation Syndromes Using an Artificial Intelligence-Based Algorithm. Journal of Clinical Medicine, 2021, 10, 4394.	2.4	5
92	Atrial Natriuretic Peptide-Induced Release of Cyclic Guanosine Monophosphate by Coronary Bypass Grafts. Annals of Thoracic Surgery, 1998, 65, 1621-1624.	1.3	4
93	Apical ballooning syndrome. Wiener Klinische Wochenschrift, 2005, 117, 456-456.	1.9	3
94	Radiation Dermatitis. Circulation, 2012, 126, 1407-1407.	1.6	2
95	Comparison of conventional resynchronization therapy to multipoint pacing using two separate left ventricular leads by non-invasive imaging of cardiac electrophysiology. European Heart Journal, 2015, 36, ehv255.	2.2	2
96	Left ventricular unloading by percutaneous mechanical circulatory support in takotsubo syndrome with severe cardiogenic shock. European Heart Journal, 2019, 40, 2919-2919.	2.2	2
97	Differences in coronary vasodilatory capacity and atherosclerosis in endurance athletes using coronary CTA and computational fluid dynamics (CFD): Comparison with a sedentary lifestyle. European Journal of Radiology, 2020, 130, 109168.	2.6	2
98	Long-Term Technical Performance of the Osypka QT-5Â® Ventricular Pacemaker Lead. Journal of Clinical Medicine, 2021, 10, 639.	2.4	2
99	Bicuspid Aortic Valve Is Associated with Less Coronary Calcium and Coronary Artery Disease Burden. Journal of Clinical Medicine, 2021, 10, 3070.	2.4	2
100	The Atherosclerotic Profile of a Young Symptomatic Population between 19 and 49 Years: Coronary Computed Tomography Angiography or Coronary Artery Calcium Score?. Journal of Cardiovascular Development and Disease, 2021, 8, 157.	1.6	2
101	Neopterin: Marker of coronary artery disease activity, severity and/or extent in patients with clinically stable angina?. International Journal of Cardiology, 2010, 144, 75-76.	1.7	1
102	Elevated Î³-glutamyltransferase in implantable cardioverter defibrillator patients. Wiener Klinische Wochenschrift, 2012, 124, 18-24.	1.9	1
103	Supplemental dataset on the influence of cardiac resynchronisation therapy in pacing-induced cardiomyopathy and concomitant central sleep Apnea. Data in Brief, 2020, 33, 106461.	1.0	1
104	Variability in biological markers for prediction of adverse cardiovascular events. Heart, 2020, 106, 1040-1040.	2.9	1
105	Response to the letter to the editor by Nagai M et al. entitled "Right insular cortex atrophy in Takotsubo syndrome: a possible pathogenesis of increased sympathetic nervous system activity?". Clinical Research in Cardiology, 2021, 110, 603-603.	3.3	1
106	Atypical clinical presentation of aortic syndrome. Wiener Klinische Wochenschrift, 2007, 119, 13-13.	1.9	0
107	Clinical outcome after 1 year of cardiac resynchronisation therapy: national results from the European CRT survey. Wiener Klinische Wochenschrift, 2013, 125, 750-754.	1.9	0
108	REEL syndrome. Wiener Klinische Wochenschrift, 2014, 126, 597-597.	1.9	0

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109	The magic transformation of high-risk plaque to a calcified after 5 years: monitoring by computed tomography angiography: is inflammation the holy grail?. European Heart Journal Cardiovascular Imaging, 2019, 20, 1315-1315.	1.2	0
110	Dataset on the prognostic value of cardiac biomarkers used in clinical routine in patients with severe aortic stenosis undergoing valve replacement. Data in Brief, 2020, 29, 105111.	1.0	0
111	Coronary Artery Dimensions in Endurance Athletes by Computed Tomography Angiography: A Quantitative Analysis. Journal of Cardiovascular Development and Disease, 2021, 8, 141.	1.6	0