

Dana K Dawson

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

4,634
citations

109137

35
h-index

106150

65
g-index

110
all docs

110
docs citations

110
times ranked

6113
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Significance of Myocardial Fibrosis in Hypertrophic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2010, 56, 867-874.	1.2	720
2	Persistent Long-Term Structural, Functional, and Metabolic Changes After Stress-Induced (Takotsubo) Cardiomyopathy. <i>Circulation</i> , 2018, 137, 1039-1048.	1.6	190
3	Myocardial and Systemic Inflammation in Acute Stress-Induced (Takotsubo) Cardiomyopathy. <i>Circulation</i> , 2019, 139, 1581-1592.	1.6	188
4	Distinct Subgroups in Hypertrophic Cardiomyopathy in the NHLBI HCM Registry. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2333-2345.	1.2	152
5	nNOS Gene Deletion Exacerbates Pathological Left Ventricular Remodeling and Functional Deterioration After Myocardial Infarction. <i>Circulation</i> , 2005, 112, 3729-3737.	1.6	139
6	Intravenous sodium nitrite in acute ST-elevation myocardial infarction: a randomized controlled trial (NIAMI). <i>European Heart Journal</i> , 2014, 35, 1255-1262.	1.0	121
7	Effect of Selective Heart Rate Slowing in Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2015, 132, 1719-1725.	1.6	119
8	The innate immune system in chronic cardiomyopathy: a European Society of Cardiology (ESC) scientific statement from the Working Group on Myocardial Function of the ESC. <i>European Journal of Heart Failure</i> , 2018, 20, 445-459.	2.9	118
9	Quantitative 3-Dimensional Echocardiography for Accurate and Rapid Cardiac Phenotype Characterization in Mice. <i>Circulation</i> , 2004, 110, 1632-1637.	1.6	105
10	Living Without Creatine. <i>Circulation Research</i> , 2013, 112, 945-955.	2.0	104
11	Slowly resolving global myocardial inflammation/oedema in Tako-Tsubo cardiomyopathy: evidence from T2-weighted cardiac MRI. <i>Heart</i> , 2012, 98, 1278-1284.	1.2	100
12	Takotsubo Syndrome: Pathophysiology, Emerging Concepts, and Clinical Implications. <i>Circulation</i> , 2022, 145, 1002-1019.	1.6	93
13	Supranormal Myocardial Creatine and Phosphocreatine Concentrations Lead to Cardiac Hypertrophy and Heart Failure. <i>Circulation</i> , 2005, 112, 3131-3139.	1.6	92
14	Alterations in Cardiac Deformation, Timing of Contraction and Relaxation, and Early Myocardial Fibrosis Accompany the Apparent Recovery of Acute Stress-Induced (Takotsubo) Cardiomyopathy: An End to the Concept of Transience. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 745-755.	1.2	91
15	Complex roads from genotype to phenotype in dilated cardiomyopathy: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018, 114, 1287-1303.	1.8	91
16	The breathing heart – Mitochondrial respiratory chain dysfunction in cardiac disease. <i>International Journal of Cardiology</i> , 2014, 171, 134-143.	0.8	88
17	Acute stress-induced (takotsubo) cardiomyopathy. <i>Heart</i> , 2018, 104, 96-102.	1.2	84
18	Comprehensive Echocardiographic and Cardiac Magnetic Resonance Evaluation Differentiates Among Heart Failure With Preserved Ejection Fraction Patients, Hypertensive Patients, and Healthy Control Subjects. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 577-585.	2.3	83

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19	An integrative translational approach to study heart failure with preserved ejection fraction: a position paper from the Working Group on Myocardial Function of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2018, 20, 216-227.	2.9	81
20	Characterization of the Myocardial Inflammatory Response in Acute Stress-Induced (Takotsubo) Cardiomyopathy. <i>JACC Basic To Translational Science</i> , 2018, 3, 766-778.	1.9	80
21	Regional Thicknesses and Thickening of Compacted and Trabeculated Myocardial Layers of the Normal Left Ventricle Studied by Cardiovascular Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 139-146.	1.3	78
22	Prognostic Role of CMR in Patients Presenting With Ventricular Arrhythmias. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 335-344.	2.3	75
23	Comparison of exercise testing and CMR measured myocardial perfusion reserve for predicting outcome in asymptomatic aortic stenosis: the PRognostic Importance of Mlcrovascular Dysfunction in Aortic Stenosis (PRIMID AS) Study. <i>European Heart Journal</i> , 2017, 38, 1222-1229.	1.0	72
24	Towards standardization of echocardiography for the evaluation of left ventricular function in adult rodents: a position paper of the ESC Working Group on Myocardial Function. <i>Cardiovascular Research</i> , 2021, 117, 43-59.	1.8	72
25	Takotsubo syndrome: State-of-the-art review by an expert panel â€œ Part 1. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 70-79.	0.3	71
26	Metabolic changes in hypertrophic cardiomyopathies: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. <i>Cardiovascular Research</i> , 2018, 114, 1273-1280.	1.8	64
27	Symptom Onset in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 96-105.	2.3	62
28	Tako-Tsubo Cardiomyopathy: A Heart Stressed Out of Energy?. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 985-987.	2.3	57
29	Measurement of myocardial blood flow velocity reserve with myocardial contrast echocardiography in patients with suspected coronary artery disease: comparison with quantitative gated technetium 99m sestamibi single photon emission computed tomography. <i>Journal of the American Society of Echocardiography</i> , 2003, 16, 1171-1177.	1.2	54
30	Prognostic value of cardiovascular magnetic resonance in patients with suspected arrhythmogenic right ventricular cardiomyopathy. <i>International Journal of Cardiology</i> , 2013, 168, 3514-3521.	0.8	51
31	Cardiac dysfunction in cancer patients: beyond direct cardiomyocyte damage of anticancer drugs: novel cardio-oncology insights from the joint 2019 meeting of the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2020, 116, 1820-1834.	1.8	51
32	Multimodality imaging in takotsubo syndrome: a joint consensus document of the European Association of Cardiovascular Imaging (EACVI) and the Japanese Society of Echocardiography (JSE). <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1184-1207.	0.5	45
33	Relation of Delayed Recovery of Myocardial Function After Takotsubo Cardiomyopathy to Subsequent Quality of Life. <i>American Journal of Cardiology</i> , 2015, 115, 1085-1089.	0.7	43
34	Takotsubo syndrome: State-of-the-art review by an expert panel â€œ Part 2. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 153-166.	0.3	42
35	Prognostic Value of Dipyridamole Stress Myocardial Contrast Echocardiography: Comparison With Single Photon Emission Computed Tomography. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 954-960.	1.2	41
36	Detection of periodontal microorganisms in coronary atheromatous plaque specimens of myocardial infarction patients: A systematic review and meta-analysis. <i>Trends in Cardiovascular Medicine</i> , 2021, 31, 69-82.	2.3	38

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37	Pathophysiology of Takotsubo syndrome – A joint scientific statement from the Heart Failure Association Takotsubo Syndrome Study Group and Myocardial Function Working Group of the European Society of Cardiology – Part 1: overview and the central role for catecholamines and sympathetic nervous system. <i>European Journal of Heart Failure</i> , 2022, 24, 257-273.	2.9	36
38	Multimodality imaging in takotsubo syndrome: a joint consensus document of the European Association of Cardiovascular Imaging (EACVI) and the Japanese Society of Echocardiography (JSE). <i>Journal of Echocardiography</i> , 2020, 18, 199-224.	0.4	35
39	Duration of dual antiplatelet therapy in acute coronary syndrome. <i>Heart</i> , 2017, 103, 573-580.	1.2	34
40	Pathophysiology of Takotsubo syndrome – a joint scientific statement from the Heart Failure Association Takotsubo Syndrome Study Group and Myocardial Function Working Group of the European Society of Cardiology – Part 2: vascular pathophysiology, gender and sex hormones, genetics, chronic cardiovascular problems and clinical implications. <i>European Journal of Heart Failure</i> , 2022, 24, 274-286.	2.9	34
41	Metabolic alterations in a rat model of takotsubo syndrome. <i>Cardiovascular Research</i> , 2022, 118, 1932-1946.	1.8	31
42	Animal models and animal-free innovations for cardiovascular research: current status and routes to be explored. Consensus document of the ESC Working Group on Myocardial Function and the ESC Working Group on Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2022, 118, 3016-3051.	1.8	30
43	Cardiac phenotype of mitochondrial creatine kinase knockout mice is modified on a pure C57BL/6 genetic background. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 93-99.	0.9	29
44	Right Ventricular Involvement and Recovery After Acute Stress-Induced (Tako-tsubo) Cardiomyopathy. <i>American Journal of Cardiology</i> , 2016, 117, 775-780.	0.7	29
45	Case Study: Metformin-Associated Lactic Acidosis: Could orlistat be relevant?. <i>Diabetes Care</i> , 2003, 26, 2471-2472.	4.3	28
46	Dissociation of Early Shock in Takotsubo Cardiomyopathy from either Right or Left Ventricular Systolic Dysfunction. <i>Heart Lung and Circulation</i> , 2014, 23, 1141-1148.	0.2	27
47	Geometric description for the anatomy of the mitral valve: A review. <i>Journal of Anatomy</i> , 2020, 237, 209-224.	0.9	27
48	Reciprocal organ interactions during heart failure: a position paper from the ESC Working Group on Myocardial Function. <i>Cardiovascular Research</i> , 2021, 117, 2416-2433.	1.8	27
49	Diastolic Ventricular Interaction in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2019, 8, e010114.	1.6	25
50	Matrix-dependent size modifications of iron oxide nanoparticles (Ferumoxytol) spiked into rat blood cells and plasma: Characterisation with TEM, AF4-UV-MALS-ICP-MS/MS and sILCP-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1124, 356-365.	1.2	24
51	T1 mapping performance and measurement repeatability: results from the multi-national T1 mapping standardization phantom program (TIMES). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 31.	1.6	23
52	Clinical benefit of drugs targeting mitochondrial function as an adjunct to reperfusion in ST-segment elevation myocardial infarction: A meta-analysis of randomized clinical trials. <i>International Journal of Cardiology</i> , 2017, 244, 59-66.	0.8	21
53	Quality assurance of quantitative cardiac T1-mapping in multicenter clinical trials – A T1 phantom program from the hypertrophic cardiomyopathy registry (HCMR) study. <i>International Journal of Cardiology</i> , 2021, 330, 251-258.	0.8	21
54	The role of inflammation in stress cardiomyopathy. <i>Trends in Cardiovascular Medicine</i> , 2021, 31, 225-230.	2.3	20

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55	Assessment of Pericardial Diseases and Cardiac Masses with Cardiovascular Magnetic Resonance. <i>Progress in Cardiovascular Diseases</i> , 2011, 54, 305-319.	1.6	16
56	Inorganic nitrate and nitrite supplementation fails to improve skeletal muscle mitochondrial efficiency in mice and humans. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 79-89.	2.2	16
57	The early dynamic of ECG in Takotsubo syndrome presenting with ST-elevation: A comparison with age and gender-matched ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2020, 320, 7-11.	0.8	14
58	Demographic, multi-morbidity and genetic impact on myocardial involvement and its recovery from COVID-19: protocol design of COVID-HEART—a UK, multicentre, observational study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 77.	1.6	14
59	Novel case of takotsubo cardiomyopathy following COVID-19 vaccination. <i>BMJ Case Reports</i> , 2022, 15, e247291.	0.2	14
60	Automated, nonrigid alignment of clinical myocardial contrast echocardiography image sequences: comparison with manual alignment. <i>Ultrasound in Medicine and Biology</i> , 2002, 28, 115-123.	0.7	13
61	Protocol: does sodium nitrite administration reduce ischaemia-reperfusion injury in patients presenting with acute ST segment elevation myocardial infarction? Nitrites in acute myocardial infarction (NIAMI). <i>Journal of Translational Medicine</i> , 2013, 11, 116.	1.8	13
62	Data on administration of cyclosporine, nicorandil, metoprolol on reperfusion related outcomes in ST-segment Elevation Myocardial Infarction treated with percutaneous coronary intervention. <i>Data in Brief</i> , 2017, 14, 197-205.	0.5	13
63	Aortic stiffness in aortic stenosis assessed by cardiovascular MRI: a comparison between bicuspid and tricuspid valves. <i>European Radiology</i> , 2019, 29, 2340-2349.	2.3	13
64	Takotsubo syndrome in Heart Failure and World Congress on Acute Heart Failure 2019: highlights from the experts. <i>ESC Heart Failure</i> , 2020, 7, 400-406.	1.4	13
65	An Update on Cardiac Magnetic Resonance Imaging in Takotsubo Cardiomyopathy. <i>Current Cardiovascular Imaging Reports</i> , 2020, 13, 1.	0.4	13
66	Predictors of Major Atrial Fibrillation Endpoints in the National Heart, Lung, and Blood Institute HCMR. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1376-1386.	1.3	13
67	An Unusual Cause of Severe Mitral Regurgitation: Aberrantly Inserted Chordae Tendineae. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 90.e3-90.e4.	1.2	12
68	Randomized double-blind placebo-controlled trial of perhexiline in heart failure with preserved ejection fraction syndrome. <i>Future Cardiology</i> , 2014, 10, 693-698.	0.5	11
69	Cardiovascular Magnetic Resonance Determinants of Left Ventricular Noncompaction. <i>American Journal of Cardiology</i> , 2014, 114, 456-462.	0.7	11
70	T1 mapping for assessment of myocardial injury and microvascular obstruction at one week post myocardial infarction. <i>European Journal of Radiology</i> , 2016, 85, 279-285.	1.2	11
71	Synthesis and hyperpolarisation of eNOS substrates for quantification of NO production by 1 H NMR spectroscopy. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2730-2742.	1.4	11
72	Inorganic Nitrate in Angina Study: A Randomized Double-blind Placebo-controlled Trial. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	11

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73	Takotsubo: the myth of rapid and complete recovery. <i>European Heart Journal</i> , 2018, 39, 3762-3763.	1.0	11
74	A systematic review of biomarkers in Takotsubo syndrome: A focus on better understanding the pathophysiology. <i>IJC Heart and Vasculature</i> , 2021, 34, 100795.	0.6	11
75	Platelet receptor polymorphisms do not influence <i>Staphylococcus aureus</i> platelet interactions or infective endocarditis. <i>Microbes and Infection</i> , 2011, 13, 216-225.	1.0	10
76	Cardiac sarcoid or arrhythmogenic right ventricular cardiomyopathy: A role for positron emission tomography (PET)? <i>Journal of Nuclear Cardiology</i> , 2013, 20, 479-480.	1.4	9
77	Sex Differences in Ischemic Stroke Outcomes in Patients With Pulmonary Hypertension. <i>Journal of the American Heart Association</i> , 2021, 10, e019341.	1.6	9
78	Reference range determination for imaging biomarkers: Myocardial T ₁ . <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 771-778.	1.9	8
79	Dietary nitrate reduces skeletal muscle oxygenation response to physical exercise: a quantitative muscle functional MRI study. <i>Physiological Reports</i> , 2014, 2, e12089.	0.7	6
80	Serum antibody response against periodontal bacteria and coronary heart disease: Systematic review and meta-analysis. <i>Journal of Clinical Periodontology</i> , 2021, 48, 1570-1586.	2.3	6
81	Can Contrast Dobutamine Stress Echocardiography Be Performed with Standardized Imaging Settings for Everybody?. <i>Journal of the American Society of Echocardiography</i> , 2005, 18, 1194-1202.	1.2	5
82	A Saw-Tooth Rather Than Noncompacted Variant of Left Ventricular Structure. <i>Journal of the American College of Cardiology</i> , 2011, 57, 999.	1.2	5
83	Contemporary Imaging of the Pericardium. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 680-684.	2.3	5
84	Effect of the 2017 European Guidelines on Reclassification of Severe Aortic Stenosis and Its Influence on Management Decisions for Initially Asymptomatic Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e011763.	1.3	5
85	Transthoracic diagnosis of left atrial appendage myxoma by real-time 3-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2005, 18, 192-193.	1.2	4
86	Inter-valvular fibrosa pseudo-aneurysm as a late complication after aortic valve surgery. <i>European Heart Journal Cardiovascular Imaging</i> , 2009, 10, 169-170.	0.5	4
87	A randomized double-blind placebo-controlled crossover trial of sodium nitrate in patients with stable angina INAS. <i>Future Cardiology</i> , 2016, 12, 617-626.	0.5	4
88	Lifelong recurrent takotsubo cardiomyopathy: a case report. <i>European Heart Journal - Case Reports</i> , 2019, 3, 1-5.	0.3	4
89	Fast field-cycling magnetic resonance detection of intracellular ultra-small iron oxide particles in vitro: Proof-of-concept. <i>Journal of Magnetic Resonance</i> , 2020, 313, 106722.	1.2	4
90	Psilocybin-induced takotsubo cardiomyopathy. <i>BMJ Case Reports</i> , 2022, 15, e245863.	0.2	4

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91	Atrio-ventricular block and ventricular tachycardia induced by severe coronary spasm. International Journal of Cardiology, 2004, 97, 319.	0.8	3
92	Management of the ascending aortic pseudo-aneurysmsâ€” A single centre experience. International Journal of Cardiology, 2008, 130, 92-95.	0.8	3
93	Significant Aortic Coarctation Presenting as Subarachnoid Hemorrhage in the Adult. Journal of the American College of Cardiology, 2010, 55, e25.	1.2	3
94	Selection of magnetization catalyzation and readout methods for modified Lookâ€”Locker inversion recovery: A T1 mapping primer. Magnetic Resonance Imaging, 2015, 33, 363-373.	1.0	3
95	Response to Letters Regarding Article, â€œPersistent Long-Term Structural, Functional, and Metabolic Changes After Stress-Induced (Takotsubo) Cardiomyopathyâ€. Circulation, 2018, 138, 962-963.	1.6	3
96	The unspoken benefit of participation in a clinical trial. Clinical Medicine, 2021, 21, e645-e647.	0.8	3
97	Determinants of Exercise Capacity and Myocardial Perfusion Reserve in Asymptomatic Patients With Aortic Stenosis. JACC: Cardiovascular Imaging, 2020, 13, 178-180.	2.3	2
98	GPIb VNTR C/C genotype may predict embolic events in infective endocarditis. Journal of Heart Valve Disease, 2013, 22, 133-41.	0.5	2
99	Use of the oral beta blocker bisoprolol to reduce the rate of exacerbation in people with chronic obstructive pulmonary disease (COPD): a randomised controlled trial (BICS). Trials, 2022, 23, 307.	0.7	2
100	Reninâ€”Angiotensin and Endothelin Systems in Patients Postâ€”Takotsubo Cardiomyopathy. Journal of the American Heart Association, 0, , .	1.6	2
101	Response to Letter Regarding Article, â€œThe Effect of Selective Heart Rate Slowing in Heart Failure With Preserved Ejection Fractionâ€. Circulation, 2016, 133, e604.	1.6	1
102	Author's Reply. Journal of the American Society of Echocardiography, 2017, 30, 1042.	1.2	1
103	Response by Scally and Dawson to Letters Regarding Article, â€œMyocardial and Systemic Inflammation in Acute Stress-Induced (Takotsubo) Cardiomyopathyâ€. Circulation, 2019, 140, e698-e699.	1.6	1
104	A toolbox for generating scalable mitral valve morphometric models. Computers in Biology and Medicine, 2021, 135, 104628.	3.9	1
105	The Authors Reply:. JACC: Cardiovascular Imaging, 2016, 9, 633.	2.3	0
106	The Authors Reply:. JACC: Cardiovascular Imaging, 2016, 9, 635-636.	2.3	0
107	The Authors Reply:. JACC: Cardiovascular Imaging, 2018, 11, 1039-1040.	2.3	0
108	Recurrent spontaneous coronary artery dissection in a middle-aged male athlete patient: a case report. European Heart Journal - Case Reports, 2020, 4, 1-5.	0.3	0

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109	The early dynamic of ECG in takotsubo syndrome presenting with ST-elevation: A comparison with age and gender-matched ST-elevation myocardial infarction. International Journal of Cardiology, 2021, 323, 125.	0.8	0