Dana K Dawson

List of Publications by Year
in descending order

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	Metabolic alterations in a rat model of takotsubo syndrome. Cardiovascular Research, 2022, 118, 1932-1946.	1.8	31
2	Pathophysiology of Takotsubo syndromeÂâ€“ a joint scientific statement from the Heart Failure Association Takotsubo Syndrome Study Group and Myocardial Function Working Group of the European Society of CardiologyÂâ€“ÂPart 2: vascular pathophysiology, gender and sex hormones, genetics, chronic cardiovascular problems and clinical implications. European Journal of Heart Failure, 2022, 24, 274-286.	2.9	34
3	Novel case of takotsubo cardiomyopathy following COVID-19 vaccination. BMJ Case Reports, 2022, 15, e247291.	0.2	14
4	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. Cardiovascular Research, 2022, 118, 3016-3051.	1.8	30
5	Pathophysiology of <scp>T</scp>akotsubo syndromeÂâ€“Âa joint scientific statement from the Heart Failure Association <scp>T</scp>akotsubo Syndrome Study Group and Myocardial Function Working Group of the <scp>E</scp>uropean Society of CardiologyÂâ€“ÂPart 1: overview and the central role for catecholamines and sympathetic nervous system. European Journal of Heart Failure, 2022, 24, 257-273.	2.9	36
6	Takotsubo Syndrome: Pathophysiology, Emerging Concepts, and Clinical Implications. Circulation, 2022, 145, 1002-1019.	1.6	93
7	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
8	Psilocybin-induced takotsubo cardiomyopathy. BMJ Case Reports, 2022, 15, e245863.	0.2	4
9	The role of inflammation in stress cardiomyopathy. Trends in Cardiovascular Medicine, 2021, 31, 225-230.	2.3	20
10	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. Cardiovascular Research, 2021, 117, 43-59.	1.8	72
11	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
12	Detection of periodontal microorganisms in coronary atheromatous plaque specimens of myocardial infarction patients: A systematic review and meta-analysis. Trends in Cardiovascular Medicine, 2021, 31, 69-82.	2.3	38
13	Sex Differences in Ischemic Stroke Outcomes in Patients With Pulmonary Hypertension. Journal of the American Heart Association, 2021, 10, e019341.	1.6	9
14	Quality assurance of quantitative cardiac T1-mapping in multicenter clinical trials â€“ A T1 phantom program from the hypertrophic cardiomyopathy registry (HCMR) study. International Journal of Cardiology, 2021, 330, 251-258.	0.8	21
15	A systematic review of biomarkers in Takotsubo syndrome: A focus on better understanding the pathophysiology. IJC Heart and Vasculature, 2021, 34, 100795.	0.6	11
16	Predictors of Major Atrial Fibrillation Endpoints in the National Heart, Lung, and Blood Institute HCMR. JACC: Clinical Electrophysiology, 2021, 7, 1376-1386.	1.3	13
17	Demographic, multi-morbidity and genetic impact on myocardial involvement and its recovery from COVID-19: protocol design of COVID-HEARTâ€”a UK, multicentre, observational study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 77.	1.6	14
18	A toolbox for generating scalable mitral valve morphometric models. Computers in Biology and Medicine, 2021, 135, 104628.	3.9	1

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19	Serum antibody response against periodontal bacteria and coronary heart disease: Systematic review and metaâ€analysis. Journal of Clinical Periodontology, 2021, 48, 1570-1586.	2.3	6
20	Reciprocal organ interactions during heart failure: a position paper from the ESC Working Group on Myocardial Function. Cardiovascular Research, 2021, 117, 2416-2433.	1.8	27
21	The unspoken benefit of participation in a clinical trial. Clinical Medicine, 2021, 21, e645-e647.	0.8	3
22	Determinants of Exercise Capacity and Myocardial Perfusion Reserve in AsymptomaticÂPatients With Aortic Stenosis. JACC: Cardiovascular Imaging, 2020, 13, 178-180.	2.3	2
23	Inorganic nitrate and nitrite supplementation fails to improve skeletal muscle mitochondrial efficiency in mice and humans. American Journal of Clinical Nutrition, 2020, 111, 79-89.	2.2	16
24	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. Cardiovascular Research, 2020, 116, 1820-1834.	1.8	51
25	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, 2020, 320, 7-11.	0.8	14
26	Multimodality imaging in takotsubo syndrome: a joint consensus document of the European Association of Cardiovascular Imaging (EACVI) and the Japanese Society of Echocardiography (JSE). European Heart Journal Cardiovascular Imaging, 2020, 21, 1184-1207.	0.5	45
27	Multimodality imaging in takotsubo syndrome: a joint consensus document of the European Association of Cardiovascular Imaging (EACVI) and the Japanese Society of Echocardiography (JSE). Journal of Echocardiography, 2020, 18, 199-224.	0.4	35
28	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
29	Effect of the 2017 European Guidelines on Reclassification of Severe Aortic Stenosis and Its Influence on Management Decisions for Initially Asymptomatic Aortic Stenosis. Circulation: Cardiovascular Imaging, 2020, 13, e011763.	1.3	5
30	T1 mapping performance and measurement repeatability: results from the multi-national T1 mapping standardization phantom program (T1MES). Journal of Cardiovascular Magnetic Resonance, 2020, 22, 31.	1.6	23
31	Fast field-cycling magnetic resonance detection of intracellular ultra-small iron oxide particles in vitro: Proof-of-concept. Journal of Magnetic Resonance, 2020, 313, 106722.	1.2	4
32	Takotsubo syndrome in Heart Failure and World Congress on Acute Heart Failure 2019: highlights from the experts. ESC Heart Failure, 2020, 7, 400-406.	1.4	13
33	An Update on Cardiac Magnetic Resonance Imaging in Takotsubo Cardiomyopathy. Current Cardiovascular Imaging Reports, 2020, 13, 1.	0.4	13
34	Geometric description for the anatomy of the mitral valve: A review. Journal of Anatomy, 2020, 237, 209-224.	0.9	27
35	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 spICP-MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1124, 356-365.	1.2	24
36	Distinct Subgroups in Hypertrophic Cardiomyopathy in the NHLBI HCM Registry. Journal of the American College of Cardiology, 2019, 74, 2333-2345.	1.2	152

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37	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
38	Diastolic Ventricular Interaction in Heart Failure With Preserved Ejection Fraction. Journal of the American Heart Association, 2019, 8, e010114.	1.6	25
39	Reference range determination for imaging biomarkers: Myocardial T₁. Journal of Magnetic Resonance Imaging, 2019, 50, 771-778.	1.9	8
40	Lifelong recurrent takotsubo cardiomyopathy: a case report. European Heart Journal - Case Reports, 2019, 3, 1-5.	0.3	4
41	Takotsubo syndrome: State-of-the-art review by an expert panel â€“ Part 1. Cardiovascular Revascularization Medicine, 2019, 20, 70-79.	0.3	71
42	Myocardial and Systemic Inflammation in Acute Stress-Induced (Takotsubo) Cardiomyopathy. Circulation, 2019, 139, 1581-1592.	1.6	188
43	Takotsubo syndrome: State-of-the-art review by an expert panel â€“ Part 2. Cardiovascular Revascularization Medicine, 2019, 20, 153-166.	0.3	42
44	Aortic stiffness in aortic stenosis assessed by cardiovascular MRI: a comparison between bicuspid and tricuspid valves. European Radiology, 2019, 29, 2340-2349.	2.3	13
45	Symptom Onset in Aortic Stenosis. JACC: Cardiovascular Imaging, 2019, 12, 96-105.	2.3	62
46	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. European Journal of Heart Failure, 2018, 20, 445-459.	2.9	118
47	Acute stress-induced (takotsubo) cardiomyopathy. Heart, 2018, 104, 96-102.	1.2	84
48	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. European Journal of Heart Failure, 2018, 20, 216-227.	2.9	81
49	Persistent Long-Term Structural, Functional, and Metabolic Changes After Stress-Induced (Takotsubo) Cardiomyopathy. Circulation, 2018, 137, 1039-1048.	1.6	190
50	Comprehensive Echocardiographic and Cardiac Magnetic Resonance Evaluation Differentiates Among Heart Failure With Preserved Ejection Fraction Patients, Hypertensive Patients, and Healthy Control Subjects. JACC: Cardiovascular Imaging, 2018, 11, 577-585.	2.3	83
51	Takotsubo: the myth of rapid and complete recovery. European Heart Journal, 2018, 39, 3762-3763.	1.0	11
52	Characterization of the Myocardial Inflammatory Response in Acute Stress-Induced (Takotsubo) Cardiomyopathy. JACC Basic To Translational Science, 2018, 3, 766-778.	1.9	80
53	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
54	Complex roads from genotype to phenotype in dilated cardiomyopathy: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. Cardiovascular Research, 2018, 114, 1287-1303.	1.8	91

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55	The Authors Reply:. JACC: Cardiovascular Imaging, 2018, 11, 1039-1040.	2.3	0
56	Metabolic changes in hypertrophic cardiomyopathies: scientific update from the Working Group of Myocardial Function of the European Society of Cardiology. Cardiovascular Research, 2018, 114, 1273-1280.	1.8	64
57	Duration of dual antiplatelet therapy in acute coronary syndrome. Heart, 2017, 103, 573-580.	1.2	34
58	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. International Journal of Cardiology, 2017, 244, 59-66.	0.8	21
59	Alterations in Cardiac Deformation, Timing ofÂContraction and Relaxation, and Early Myocardial Fibrosis Accompany the Apparent Recovery of Acute Stress-Induced (Takotsubo) Cardiomyopathy: An End to the Concept ofÂTransience. Journal of the American Society of Echocardiography, 2017, 30, 745-755.	1.2	91
60	Synthesis and hyperpolarisation of eNOS substrates for quantification of NO production by 1 H NMR spectroscopy. Bioorganic and Medicinal Chemistry, 2017, 25, 2730-2742.	1.4	11
61	Author's Reply. Journal of the American Society of Echocardiography, 2017, 30, 1042.	1.2	1
62	Inorganic Nitrate in Angina Study: A Randomized Doubleâ€Blind Placeboâ€Controlled Trial. Journal of the American Heart Association, 2017, 6, .	1.6	11
63	Data on administration of cyclosporine, nicorandil, metoprolol on reperfusion related outcomes in ST-segment Elevation Myocardial Infarction treated with percutaneous coronary intervention. Data in Brief, 2017, 14, 197-205.	0.5	13
64	Comparison of exercise testing and CMR measured myocardial perfusion reserve for predicting outcome in asymptomatic aortic stenosis: the PRognostic Importance of MIcrovascular Dysfunction in Aortic Stenosis (PRIMID AS) Study. European Heart Journal, 2017, 38, 1222-1229.	1.0	72
65	The Authors Reply:. JACC: Cardiovascular Imaging, 2016, 9, 633.	2.3	0
66	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
67	A randomized double-blind placebo-controlled crossover trial of sodium nitrate in patients with stable angina INAS. Future Cardiology, 2016, 12, 617-626.	0.5	4
68	The Authors Reply:. JACC: Cardiovascular Imaging, 2016, 9, 635-636.	2.3	0
69	Right Ventricular Involvement and Recovery After Acute Stress-Induced (Tako-tsubo) Cardiomyopathy. American Journal of Cardiology, 2016, 117, 775-780.	0.7	29
70	T 1 mapping for assessment of myocardial injury and microvascular obstruction at one week post myocardial infarction. European Journal of Radiology, 2016, 85, 279-285.	1.2	11
71	Relation of Delayed Recovery of Myocardial Function After Takotsubo Cardiomyopathy to Subsequent Quality of Life. American Journal of Cardiology, 2015, 115, 1085-1089.	0.7	43
72	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

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73	Effect of Selective Heart Rate Slowing in Heart Failure With Preserved Ejection Fraction. Circulation, 2015, 132, 1719-1725.	1.6	119
74	Tako-Tsubo Cardiomyopathy: A Heart Stressed Out of Energy?. JACC: Cardiovascular Imaging, 2015, 8, 985-987.	2.3	57
75	Randomized double-blind placebo-controlled trial of perhexiline in heart failure with preserved ejection fraction syndrome. Future Cardiology, 2014, 10, 693-698.	0.5	11
76	Dietary nitrate reduces skeletal muscle oxygenation response to physical exercise: a quantitative muscle functional MRI study. Physiological Reports, 2014, 2, e12089.	0.7	6
77	Dissociation of Early Shock in Takotsubo Cardiomyopathy from either Right or Left Ventricular Systolic Dysfunction. Heart Lung and Circulation, 2014, 23, 1141-1148.	0.2	27
78	Intravenous sodium nitrite in acute ST-elevation myocardial infarction: a randomized controlled trial (NIAMI). European Heart Journal, 2014, 35, 1255-1262.	1.0	121
79	The breathing heart â€" Mitochondrial respiratory chain dysfunction in cardiac disease. International Journal of Cardiology, 2014, 171, 134-143.	0.8	88
80	Cardiovascular Magnetic Resonance Determinants of Left Ventricular Noncompaction. American Journal of Cardiology, 2014, 114, 456-462.	0.7	11
81	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). Journal of Translational Medicine, 2013, 11, 116.	1.8	13
82	Cardiac sarcoid or arrhythmogenic right ventricular cardiomyopathy: A role for positron emission tomography (PET)?. Journal of Nuclear Cardiology, 2013, 20, 479-480.	1.4	9
83	Prognostic Role of CMR in Patients Presenting With Ventricular Arrhythmias. JACC: Cardiovascular Imaging, 2013, 6, 335-344.	2.3	75
84	Prognostic value of cardiovascular magnetic resonance in patients with suspected arrhythmogenic right ventricular cardiomyopathy. International Journal of Cardiology, 2013, 168, 3514-3521.	0.8	51
85	Living Without Creatine. Circulation Research, 2013, 112, 945-955.	2.0	104
86	GPIb VNTR C/C genotype may predict embolic events in infective endocarditis. Journal of Heart Valve Disease, 2013, 22, 133-41.	0.5	2
87	Slowly resolving global myocardial inflammation/oedema in Tako-Tsubo cardiomyopathy: evidence from T2-weighted cardiac MRI. Heart, 2012, 98, 1278-1284.	1.2	100
88	A Saw-Tooth Rather Than Noncompacted Variant of Left Ventricular Structure. Journal of the American College of Cardiology, 2011, 57, 999.	1.2	5
89	Contemporary Imaging of the Pericardium. JACC: Cardiovascular Imaging, 2011, 4, 680-684.	2.3	5
90	Assessment of Pericardial Diseases and Cardiac Masses with Cardiovascular Magnetic Resonance. Progress in Cardiovascular Diseases, 2011, 54, 305-319.	1.6	16

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91	Platelet receptor polymorphisms do not influence Staphylococcus aureusâ€“platelet interactions or infective endocarditis. Microbes and Infection, 2011, 13, 216-225.	1.0	10
92	Regional Thicknesses and Thickening of Compacted and Trabeculated Myocardial Layers of the Normal Left Ventricle Studied by Cardiovascular Magnetic Resonance. Circulation: Cardiovascular Imaging, 2011, 4, 139-146.	1.3	78
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	Prognostic Significance of Myocardial Fibrosis in Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2010, 56, 867-874.	1.2	720
95	Inter-valvular fibrosa pseudo-aneurysm as a late complication after aortic valve surgery. European Heart Journal Cardiovascular Imaging, 2009, 10, 169-170.	0.5	4
96	Cardiac phenotype of mitochondrial creatine kinase knockout mice is modified on a pure C57BL/6 genetic background. Journal of Molecular and Cellular Cardiology, 2009, 46, 93-99.	0.9	29
97	Prognostic Value of Dipyridamole Stress Myocardial Contrast Echocardiography: Comparison With Single Photon Emission Computed Tomography. Journal of the American Society of Echocardiography, 2009, 22, 954-960.	1.2	41
98	Management of the ascending aortic pseudo-aneurysmsâ€" A single centre experience. International Journal of Cardiology, 2008, 130, 92-95.	0.8	3
99	An Unusual Cause of Severe Mitral Regurgitation: Aberrantly Inserted Chordae Tendineae. Journal of the American Society of Echocardiography, 2008, 21, 90.e3-90.e4.	1.2	12
100	nNOS Gene Deletion Exacerbates Pathological Left Ventricular Remodeling and Functional Deterioration After Myocardial Infarction. Circulation, 2005, 112, 3729-3737.	1.6	139
101	Supranormal Myocardial Creatine and Phosphocreatine Concentrations Lead to Cardiac Hypertrophy and Heart Failure. Circulation, 2005, 112, 3131-3139.	1.6	92
102	Transthoracic diagnosis of left atrial appendage myxoma by real-time 3-dimensional echocardiography. Journal of the American Society of Echocardiography, 2005, 18, 192-193.	1.2	4
103	Can Contrast Dobutamine Stress Echocardiography Be Performed with Standardized Imaging Settings for Everybody?. Journal of the American Society of Echocardiography, 2005, 18, 1194-1202.	1.2	5
104	Quantitative 3-Dimensional Echocardiography for Accurate and Rapid Cardiac Phenotype Characterization in Mice. Circulation, 2004, 110, 1632-1637.	1.6	105
105	Atrio-ventricular block and ventricular tacchycardia induced by severe coronary spasm. International Journal of Cardiology, 2004, 97, 319.	0.8	3
106	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. Journal of the American Society of Echocardiography, 2003, 16, 1171-1177.	1.2	54
107	Case Study: Metformin-Associated Lactic Acidosis: Could orlistat be relevant?. Diabetes Care, 2003, 26, 2471-2472.	4.3	28
108	Automated, nonrigid alignment of clinical myocardial contrast echocardiography image sequences: comparison with manual alignment. Ultrasound in Medicine and Biology, 2002, 28, 115-123.	0.7	13

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109	Reninâ€Angiotensin and Endothelin Systems in Patients Postâ€Takotsubo Cardiomyopathy. Journal of the American Heart Association, 0, , .	1.6	2