

# Henrik Fox, Fhfa

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

3,934  
citations

361413

20  
h-index

123424

61  
g-index

129  
all docs

129  
docs citations

129  
times ranked

5527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating MicroRNAs in Patients With Coronary Artery Disease. <i>Circulation Research</i> , 2010, 107, 677-684.	4.5	1,121
2	MicroRNA-92a Controls Angiogenesis and Functional Recovery of Ischemic Tissues in Mice. <i>Science</i> , 2009, 324, 1710-1713.	12.6	1,114
3	Nocturnal hypoxaemia is associated with increased mortality in stable heart failure patients. <i>European Heart Journal</i> , 2016, 37, 1695-1703.	2.2	235
4	The importance of sleep-disordered breathing in cardiovascular disease. <i>Clinical Research in Cardiology</i> , 2015, 104, 705-718.	3.3	116
5	CXCR4 Expression Determines Functional Activity of Bone Marrow-Derived Mononuclear Cells for Therapeutic Neovascularization in Acute Ischemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1802-1809.	2.4	80
6	The STS score is the strongest predictor of long-term survival following transcatheter aortic valve implantation, whereas access route (transapical versus transfemoral) has no predictive value beyond the periprocedural phase. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 17, 359-364.	1.1	72
7	Cardioversion of atrial fibrillation or atrial flutter into sinus rhythm reduces nocturnal central respiratory events and unmasks obstructive sleep apnoea. <i>Clinical Research in Cardiology</i> , 2016, 105, 451-459.	3.3	40
8	Long-term efficacy and safety of phrenic nerve stimulation for the treatment of central sleep apnea. <i>Sleep</i> , 2019, 42, .	1.1	40
9	Prevalence of Sleep-Disordered Breathing and Patient Characteristics in a Coronary Artery Disease Cohort Undergoing Cardiovascular Rehabilitation. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2016, 36, 421-429.	2.1	39
10	Transcatheter aortic valve implantation improves outcome compared to open-heart surgery in kidney transplant recipients requiring aortic valve replacement. <i>Journal of Cardiology</i> , 2013, 61, 423-427.	1.9	37
11	Cheyne-Stokes respiration in heart failure: friend or foe? Hemodynamic effects of hyperventilation in heart failure patients and healthy volunteers. <i>Clinical Research in Cardiology</i> , 2015, 104, 328-333.	3.3	37
12	Impact of SERVE-HF on management of sleep disordered breathing in heart failure: a call for further studies. <i>Clinical Research in Cardiology</i> , 2016, 105, 563-570.	3.3	37
13	Comparing short-term outcome after implantation of the HeartWare® HVAD® and the Abbott® HeartMate 3®. <i>ESC Heart Failure</i> , 2020, 7, 908-914.	3.1	37
14	Characteristics and circadian distribution of cardiac arrhythmias in patients with heart failure and sleep-disordered breathing. <i>Clinical Research in Cardiology</i> , 2018, 107, 965-974.	3.3	34
15	Sleep-Disordered Breathing and Cardiac Arrhythmias. <i>Canadian Journal of Cardiology</i> , 2015, 31, 928-934.	1.7	32
16	Auto positive airway pressure therapy reduces pulmonary pressures in adults admitted for acute heart failure with pulmonary hypertension and obstructive sleep apnea. The ASAP-HF Pilot Trial. <i>Sleep</i> , 2019, 42, .	1.1	31
17	Transvenous Phrenic Nerve Stimulation for Treatment of Central Sleep Apnea: Five-Year Safety and Efficacy Outcomes. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 515-526.	2.7	30
18	Sleep – the yet underappreciated player in cardiovascular diseases: A clinical review from the German Cardiac Society Working Group on Sleep Disordered Breathing. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 189-200.	1.8	29

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19	A homozygous DSC2 deletion associated with arrhythmogenic cardiomyopathy is caused by uniparental isodisomy. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 141, 17-29.	1.9	27
20	Heterogenous haemodynamic effects of adaptive servoventilation therapy in sleeping patients with heart failure and Cheyne-Stokes respiration compared to healthy volunteers. <i>Heart and Vessels</i> , 2016, 31, 1117-1130.	1.2	25
21	Cardiomyopathy-associated mutations in the RS domain affect nuclear localization of RBM20. <i>Human Mutation</i> , 2020, 41, 1931-1943.	2.5	25
22	Sleep duration and quality in heart failure patients. <i>Sleep and Breathing</i> , 2017, 21, 919-927.	1.7	22
23	Automatic positive airway pressure for obstructive sleep apnea in heart failure with reduced ejection fraction. <i>Clinical Research in Cardiology</i> , 2021, 110, 983-992.	3.3	22
24	Characteristics of sleep-disordered breathing in patients with atrial fibrillation and preserved left ventricular ejection fraction. <i>Clinical Research in Cardiology</i> , 2018, 107, 120-129.	3.3	21
25	Long-Term Experience with First-Generation Implantable Neurostimulation Device in Central Sleep Apnea Treatment. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 498-503.	1.2	20
26	Adaptive servo-ventilation to treat central sleep apnea in heart failure with reduced ejection fraction: the Bad Oeynhausen prospective ASV registry. <i>Clinical Research in Cardiology</i> , 2018, 107, 719-728.	3.3	19
27	Sleep duration and architecture during ASV for central sleep apnoea in systolic heart failure. <i>Respiratory Physiology and Neurobiology</i> , 2020, 271, 103286.	1.6	19
28	Improving Nocturnal Hypoxemic Burden with Transvenous Phrenic Nerve Stimulation for the Treatment of Central Sleep Apnea. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 377-385.	2.4	18
29	Sleep apnea and pulmonary hypertension: A riddle waiting to be solved. , 2021, 227, 107935.		18
30	Performance of conventional and enhanced adaptive servoventilation (ASV) in heart failure patients with central sleep apnea who have adapted to conventional ASV. <i>Sleep and Breathing</i> , 2015, 19, 795-800.	1.7	17
31	Sleep-Disordered Breathing and Arrhythmia in Heart Failure Patients. <i>Sleep Medicine Clinics</i> , 2017, 12, 229-241.	2.6	17
32	Non-invasive assessment of central venous pressure in heart failure: a systematic prospective comparison of echocardiography and Swan-Ganz catheter. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1821-1829.	1.5	16
33	Impact of sleep-disordered breathing in patients with acute myocardial infarction: a retrospective analysis. <i>Journal of Sleep Research</i> , 2017, 26, 657-664.	3.2	15
34	Noninvasive pulse contour analysis for determination of cardiac output in patients with chronic heart failure. <i>Clinical Research in Cardiology</i> , 2018, 107, 395-404.	3.3	15
35	The Combined Human Genotype of Truncating TTN and RBM20 Mutations Is Associated with Severe and Early Onset of Dilated Cardiomyopathy. <i>Genes</i> , 2021, 12, 883.	2.4	15
36	Rationale and design of the randomised Treatment of sleep apnoea Early After Myocardial infarction with Adaptive Servo-Ventilation trial (TEAM-ASV I). <i>Trials</i> , 2020, 21, 129.	1.6	15

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37	Improvements of central respiratory events, Cheyne-Stokes respiration and oxygenation in patients hospitalized for acute decompensated heart failure. <i>Sleep Medicine</i> , 2016, 27-28, 15-19.	1.6	14
38	Fulminant Myocarditis Managed by Extracorporeal Life Support (Impella® CP): A Rare Case. <i>Case Reports in Cardiology</i> , 2017, 2017, 1-4.	0.2	14
39	Identification of characteristics, risk factors, and predictors of recurrent LVAD thrombosis: conditions in HeartWare devices. <i>Journal of Artificial Organs</i> , 2021, 24, 173-181.	0.9	14
40	Circadian variation of defibrillator shocks in patients with chronic heart failure: The impact of Cheyne-Stokes respiration and obstructive sleep apnea. <i>International Journal of Cardiology</i> , 2014, 176, 1033-1035.	1.7	13
41	Effects of unilateral phrenic nerve stimulation on tidal volume. <i>Herz</i> , 2014, 39, 84-86.	1.1	13
42	Automatic positive airway pressure for treatment of obstructive sleep apnea in heart failure. <i>Somnologie</i> , 2017, 21, 273-280.	1.5	13
43	ResCSRf: Algorithm to Automatically Extract Cheyne-Stokes Respiration Features From Respiratory Signals. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 669-677.	4.2	12
44	Mechanical circulatory support does not reduce advanced myocardial fibrosis in patients with end-stage heart failure. <i>European Journal of Heart Failure</i> , 2021, 23, 324-334.	7.1	12
45	Occurrence of Coronary Collaterals in Acute Myocardial Infarction and Sleep Apnea. <i>Journal of the American Heart Association</i> , 2021, 10, e020340.	3.7	12
46	Cardiac or Other Implantable Electronic Devices and Sleep-disordered Breathing – Implications for Diagnosis and Therapy. <i>Arrhythmia and Electrophysiology Review</i> , 2014, 3, 116.	2.4	12
47	Resolution of Cheyne-Stokes Respiration after Treatment of Heart Failure with Sacubitril/Valsartan: A First Case Report. <i>Cardiology</i> , 2017, 137, 96-99.	1.4	11
48	APAP therapy does not improve impaired sleep quality and sympatho-vagal balance: a randomized trial in patients with obstructive sleep apnea and systolic heart failure. <i>Sleep and Breathing</i> , 2020, 24, 211-219.	1.7	10
49	Respiratory Effects of Adaptive Servoventilation Therapy in Patients with Heart Failure and Cheyne-Stokes Respiration Compared to Healthy Volunteers. <i>Respiration</i> , 2015, 89, 374-382.	2.6	9
50	Acute improvement of pulmonary hemodynamics does not alleviate Cheyne-Stokes respiration in chronic heart failure—a randomized, controlled, double-blind, crossover trial. <i>Sleep and Breathing</i> , 2016, 20, 795-804.	1.7	9
51	Distinct Myocardial Transcriptomic Profiles of Cardiomyopathies Stratified by the Mutant Genes. <i>Genes</i> , 2020, 11, 1430.	2.4	9
52	Patients with ventricular assist device and cerebral entrapment—Supporting skullcap reimplantation. <i>Artificial Organs</i> , 2021, 45, 473-478.	1.9	9
53	Phrenic Nerve Stimulation Improves Physical Performance and Hypoxemia in Heart Failure Patients with Central Sleep Apnea. <i>Journal of Clinical Medicine</i> , 2021, 10, 202.	2.4	9
54	The emergency medical service has a crucial role to unravel the genetics of sudden cardiac arrest in young, out of hospital resuscitated patients. <i>Resuscitation</i> , 2021, 168, 176-185.	3.0	9

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55	Delayed Recovery From Cheyne-Stokes Respiration in Heart Failure After Successful Cardiac Transplantation: A Case Report. <i>Transplantation Proceedings</i> , 2014, 46, 2462-2463.	0.6	8
56	Adaptive servoventilation to treat sleep-disordered breathing in cardiac patients. <i>Somnologie</i> , 2017, 21, 82-83.	1.5	8
57	Cardiac recovery following left ventricular assist device therapy: experience of complete device explantation including ventricular patch plasty. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 855-862.	1.4	8
58	Catheter ablation for atrial fibrillation in patients with end-stage heart failure and eligibility for heart transplantation. <i>ESC Heart Failure</i> , 2021, 8, 1666-1674.	3.1	8
59	Reliability and accuracy of sleep apnea scans in novel cardiac resynchronization therapy devices: an independent report of two cases. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , 2014, 25, 53-55.	0.8	7
60	Interventional techniques to increase implantation success of transvenous phrenic nerve stimulation for central sleep apnea treatment. <i>Sleep and Breathing</i> , 2020, 24, 905-912.	1.7	7
61	Prevalence of Sleep Disordered Breathing in Patients with Primary Mitral Regurgitation Undergoing Mitral Valve Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 2039.	2.4	7
62	Left ventricular unloading during extracorporeal life support for myocardial infarction with cardiogenic shock: surgical venting versus Impella device. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 137-144.	1.1	7
63	Secondary aortic valve replacement in continuous flow left ventricular assist device therapy. <i>Artificial Organs</i> , 2021, 45, 736-741.	1.9	6
64	Bacteriophage-Enriched Galenic for Intrapericardial Ventricular Assist Device Infection. <i>Antibiotics</i> , 2022, 11, 602.	3.7	6
65	Magnetic-Resonance-Imaging-Based Left Atrial Strain and Left Atrial Strain Rate as Diagnostic Parameters in Cardiac Amyloidosis. <i>Journal of Clinical Medicine</i> , 2022, 11, 3150.	2.4	6
66	Predominant obstructive or central sleep apnea in patients with atrial fibrillation: influence of characterizing apneas versus apneas and hypopneas. <i>Sleep Medicine</i> , 2017, 37, 66-71.	1.6	5
67	Comparison of transthoracic and transesophageal echocardiography for transcatheter aortic valve replacement sizing in high-risk patients. <i>Journal of Echocardiography</i> , 2020, 18, 47-56.	0.8	5
68	Facilitating heart transplantability in an end-stage heart failure patient with brain abscess and infected left ventricle assist device—A unique case report. <i>International Journal of Surgery Case Reports</i> , 2020, 71, 213-216.	0.6	5
69	Mechanical circulatory support as a bridge to candidacy in adults with transposition of the great arteries and a systemic right ventricle. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 369-374.	1.4	5
70	Donor-recipient risk assessment tools in heart transplant recipients: the Bad Oeynhausen experience. <i>ESC Heart Failure</i> , 2021, , .	3.1	5
71	Termination of adaptive servoventilation after successful long-term therapy. <i>Herz</i> , 2014, 39, 87-89.	1.1	4
72	Interactions of Sleep Apnea, the Autonomic Nervous System, and Its Impact on Cardiac Arrhythmias. <i>Current Sleep Medicine Reports</i> , 2018, 4, 160-169.	1.4	4

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73	Cycle length identifies obstructive sleep apnea and central sleep apnea in heart failure with reduced ejection fraction. <i>Sleep and Breathing</i> , 2018, 22, 1093-1100.	1.7	4
74	Cool enough? Lessons learned from cryoballoon-guided catheter ablation for atrial fibrillation in young adults. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2857-2864.	1.7	4
75	First interventional exchange of a left transvenous phrenic nerve stimulation lead from the novel remedÅ“ system. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 3056-3060.	1.7	4
76	Vitamin D gene polymorphisms and risk of acute cardiovascular events. <i>Clinical Epidemiology and Global Health</i> , 2020, 8, 1371-1376.	1.9	4
77	Myocardial adaptation as assessed by speckle tracking echocardiography after isolated mitral valve surgery for primary mitral regurgitation. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 913-920.	1.5	4
78	Sleep apnea and pulmonary hypertension: connecting the dots. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 347-348.	2.6	4
79	First-in-human high-density epicardial mapping and ablation through a left anterior minithoracotomy in an LVAD patient presenting in electrical storm: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab248.	0.6	4
80	GMP-Compliant Radiosynthesis of [18F]GP1, a Novel PET Tracer for the Detection of Thrombi. <i>Pharmaceuticals</i> , 2021, 14, 739.	3.8	4
81	Positive airway pressure therapy in heart failure patients: Long-term effects on lung function. <i>Respiratory Physiology and Neurobiology</i> , 2017, 238, 41-46.	1.6	3
82	OUP accepted manuscript. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, , .	1.1	3
83	Impairment of pulmonary diffusion correlates with hypoxemic burden in central sleep apnea heart failure patients. <i>Respiratory Physiology and Neurobiology</i> , 2017, 243, 7-12.	1.6	3
84	Safety, Mortality, and Hemodynamic Impact of Patients with MitraClip Undergoing Left Ventricular Assist Device Implantation. <i>Journal of Cardiovascular Translational Research</i> , 2022, 15, 676-686.	2.4	3
85	Posterior wall substrate modification using optimized and contiguous lesions in patients with atrial fibrillation. <i>Cardiology Journal</i> , 2022, 29, 917-926.	1.2	3
86	Impact of procedure-related conduction disturbances after transcatheter aortic valve implantation on myocardial performance and survival evaluated by conventional and speckle tracking echocardiography. <i>Echocardiography</i> , 2018, 35, 621-631.	0.9	2
87	Respiratory dyssynchrony is a predictor of prognosis in patients with hypertrophic non-obstructive cardiomyopathy. <i>International Journal of Cardiology</i> , 2021, 332, 105-112.	1.7	2
88	Synergistic effects of levosimendan and convalescence plasma as bailout strategy in acute cardiogenic shock in COVID-19: A case report. <i>Cardiology Journal</i> , 2022, 29, 157-159.	1.2	2
89	Lessons learned from catheter ablation of ventricular arrhythmias in patients with a fully magnetically levitated left ventricular assist device. <i>Clinical Research in Cardiology</i> , 2022, 111, 574-582.	3.3	2
90	Safety and feasibility of transcatheter aortic valve implantation in patients with severe persistent thrombocytopenia. <i>Blood Coagulation and Fibrinolysis</i> , 2013, 24, 732-735.	1.0	1

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91	Inflammation in patients with obstructive sleep apnea and coronary artery disease. <i>Somnologie</i> , 2017, 21, 257-264.	1.5	1
92	Automatic positive airway pressure for obstructive sleep apnoea in heart failure with reduced ejection fraction: first results of the randomized controlled APAP trial. , 2017, , .		1
93	Addition of levosimendan to overcome acute cardiogenic shockâ€”Paving the way for later heart transplantationâ€”A first case report. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, 856-860.	0.5	1
94	The HeartWare Ventricular Assist Device (HVAD): A Single Institutional 10-Year Experience. <i>Thoracic and Cardiovascular Surgeon</i> , 2022, , .	1.0	1
95	Extensive dissecting aneurysm of the ascending aorta. <i>Journal of Cardiology Cases</i> , 2013, 7, e97-e100.	0.5	0
96	Sleep-disordered Breathing and Cardiac Arrhythmias: Role of Adaptive Servoventilation Therapy. <i>Journal of Cardiac Failure</i> , 2013, 19, S106.	1.7	0
97	Influence of adaptive servoventilation therapy on pCO2 levels in heart failure patients with Cheyne-Stokes respiration and healthy volunteers. <i>European Heart Journal</i> , 2013, 34, P2491-P2491.	2.2	0
98	Platypnea-orthodeoxia syndrome due to patent foramen ovale. <i>Herz</i> , 2014, 39, 94-97.	1.1	0
99	SLEEP DURATION AND QUALITY IN HEART FAILURE PATIENTS. <i>Journal of the American College of Cardiology</i> , 2017, 69, 944.	2.8	0
100	0519 Positive Airway Pressure Therapy in Patient Admitted for Acute Heart Failure with Pulmonary Hypertension and Obstructive Sleep Apnea Significantly Reduces Pulmonary Pressures. <i>Sleep</i> , 2018, 41, A194-A195.	1.1	0
101	Transvenous Phrenic Nerve Stimulation Impedance Decrease Prior to Haert Failure Hospitalization. <i>Journal of Cardiac Failure</i> , 2020, 26, S94-S95.	1.7	0
102	Replacement of the right SynCardiaÂ® ventricle due to membrane rupture.. <i>Annals of Thoracic Surgery</i> , 2021, , .	1.3	0
103	Cycle length identifies complex sleep apnea in patients with chronic heart failure - A matched control study. , 2016, , .		0
104	Obstructive sleep apnea is associated with the presence of coronary collaterals in patients with acute myocardial infarction. , 2020, , .		0
105	Evolution of thrombolytic therapy in patients with HeartWare ventricular assist device thrombosis: a single-institutional experience. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, , .	1.1	0
106	Dynamics of Cognitive Function in Patients with Heart Failure Following Transcatheter Mitral Valve Repair. <i>Journal of Clinical Medicine</i> , 2022, 11, 3990.	2.4	0