

# Evan L Brittain

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

2,538  
citations

201385

27  
h-index

223531

46  
g-index

89  
all docs

89  
docs citations

89  
times ranked

3271  
citing authors

#	ARTICLE	IF	CITATIONS
1	A potential therapeutic role for angiotensin-converting enzyme 2 in human pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2018, 51, 1702638.	3.1	183
2	Fatty Acid Metabolic Defects and Right Ventricular Lipotoxicity in Human Pulmonary Arterial Hypertension. <i>Circulation</i> , 2016, 133, 1936-1944.	1.6	169
3	A Metabolic Basis for Endothelial-to-Mesenchymal Transition. <i>Molecular Cell</i> , 2018, 69, 689-698.e7.	4.5	164
4	Clinical and Biological Insights Into Combined Post- and Pre-Capillary Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2525-2536.	1.2	160
5	Evidence for Right Ventricular Lipotoxicity in Heritable Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 325-334.	2.5	146
6	Prognostic Effect and Longitudinal Hemodynamic Assessment of Borderline Pulmonary Hypertension. <i>JAMA Cardiology</i> , 2017, 2, 1361.	3.0	122
7	Thermodilution vs Estimated Fick Cardiac Output Measurement in Clinical Practice. <i>JAMA Cardiology</i> , 2017, 2, 1090.	3.0	91
8	Mechanisms of Lipid Accumulation in the Bone Morphogenetic Protein Receptor Type 2 Mutant Right Ventricle. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 719-728.	2.5	75
9	Association of Mild Echocardiographic Pulmonary Hypertension With Mortality and Right Ventricular Function. <i>JAMA Cardiology</i> , 2019, 4, 1112.	3.0	73
10	Human PAH is characterized by a pattern of lipid-related insulin resistance. <i>JCI Insight</i> , 2019, 4, .	2.3	69
11	Mobile Health Technologies in Cardiopulmonary Disease. <i>Chest</i> , 2020, 157, 654-664.	0.4	59
12	Dysfunctional BMPR2 signaling drives an abnormal endothelial requirement for glutamine in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2017, 7, 186-199.	0.8	57
13	Oestrogen inhibition reverses pulmonary arterial hypertension and associated metabolic defects. <i>European Respiratory Journal</i> , 2017, 50, 1602337.	3.1	55
14	Lack of a Tricuspid Regurgitation Doppler Signal and Pulmonary Hypertension by Invasive Measurement. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	53
15	Challenges Facing Early Career Academic Cardiologists. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2199-2208.	1.2	51
16	Impact of Diabetes on Survival and Right Ventricular Compensation in Pulmonary Arterial Hypertension. <i>Pulmonary Circulation</i> , 2014, 4, 311-318.	0.8	50
17	Mechanistic Phase II Clinical Trial of Metformin in Pulmonary Arterial Hypertension. <i>Journal of the American Heart Association</i> , 2020, 9, e018349.	1.6	44
18	Six-minute walk distance in healthy young adults. <i>Respiratory Medicine</i> , 2020, 165, 105933.	1.3	43

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19	Redefining pulmonary hypertension. <i>Lancet Respiratory Medicine</i> , 2018, 6, 168-170.	5.2	41
20	Hemodynamic Evidence of Vascular Remodeling in Combined Post- and Precapillary Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2016, 6, 313-321.	0.8	38
21	Elevation of Plasma Cell-Free Hemoglobin in Pulmonary Arterial Hypertension. <i>Chest</i> , 2014, 146, 1478-1485.	0.4	34
22	Unexpectedly Low Natriuretic Peptide Levels in Patients With Heart Failure. <i>JACC: Heart Failure</i> , 2021, 9, 192-200.	1.9	32
23	Prostanoids But Not Oral Therapies Improve Right Ventricular Function in Pulmonary Arterial Hypertension. <i>JACC: Heart Failure</i> , 2013, 1, 300-307.	1.9	31
24	Increased Echocardiographic Pulmonary Pressure in HIV-infected and -uninfected Individuals in the Veterans Aging Cohort Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 923-932.	2.5	31
25	Shorter Survival in Familial versus Idiopathic Pulmonary Arterial Hypertension is Associated with Hemodynamic Markers of Impaired Right Ventricular Function. <i>Pulmonary Circulation</i> , 2013, 3, 589-598.	0.8	30
26	Features Associated With Discordance Between Pulmonary Arterial Wedge Pressure and Left Ventricular End Diastolic Pressure in Clinical Practice. <i>Chest</i> , 2018, 154, 1099-1107.	0.4	29
27	Right Ventricular Plasticity and Functional Imaging. <i>Pulmonary Circulation</i> , 2012, 2, 309-326.	0.8	27
28	The transpulmonary ratio of endothelin 1 is elevated in patients with preserved left ventricular ejection fraction and combined pre- and post-capillary pulmonary hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-8.	0.8	27
29	Mendelian randomisation analysis of red cell distribution width in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2020, 55, 1901486.	3.1	26
30	FIB-4 stage of liver fibrosis is associated with incident heart failure with preserved, but not reduced, ejection fraction among people with and without HIV or hepatitis C. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 184-191.	1.6	25
31	Acute Improvement in Right Ventricular Function after Treatment of Presumed Massive Pulmonary Embolism with Thrombolytics. <i>Pulmonary Circulation</i> , 2012, 2, 522-524.	0.8	20
32	Effect of Acute Arteriolar Vasodilation on Capacitance and Resistance in Pulmonary Arterial Hypertension. <i>Chest</i> , 2015, 147, 1080-1085.	0.4	20
33	Echocardiographic Pulmonary Artery Systolic Pressure in the Coronary Artery Risk Development in Young Adults (CARDIA) Study: Associations With Race and Metabolic Dysregulation. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	20
34	Diabetes Mellitus Associates with Increased Right Ventricular Afterload and Remodeling in Pulmonary Arterial Hypertension. <i>American Journal of Medicine</i> , 2018, 131, 702.e7-702.e13.	0.6	20
35	Natriuretic peptide receptor C contributes to disproportionate right ventricular hypertrophy in a rodent model of obesity-induced heart failure with preserved ejection fraction with pulmonary hypertension. <i>Pulmonary Circulation</i> , 2019, 9, 204589401987859.	0.8	20
36	Adverse physiologic effects of Western diet on right ventricular structure and function: role of lipid accumulation and metabolic therapy. <i>Pulmonary Circulation</i> , 2019, 9, 1-9.	0.8	20

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37	Cirrhotic cardiomyopathy: Appraisal of the original and revised criteria in predicting posttransplant cardiac outcomes. <i>Liver Transplantation</i> , 2022, 28, 1321-1331.	1.3	20
38	Right Ventricular Protein Expression Profile in End-stage Heart Failure. <i>Pulmonary Circulation</i> , 2015, 5, 481-497.	0.8	19
39	A Fluid Challenge Test for the Diagnosis of Occult Heart Failure. <i>Chest</i> , 2021, 159, 791-797.	0.4	19
40	Echocardiographic Assessment of the Right Heart in Mice. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	18
41	Bone Marrow-derived Proangiogenic Cells Mediate Pulmonary Arteriole Stiffening via Serotonin 2B Receptor Dependent Mechanism. <i>Circulation Research</i> , 2018, 123, e51-e64.	2.0	17
42	Racial differences in patients referred for right heart catheterization and risk of pulmonary hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-9.	0.8	17
43	Feasibility and Diagnostic Potential of Pulmonary Transit Time Measurement by Contrast Echocardiography: A Pilot Study. <i>Echocardiography</i> , 2015, 32, 1564-1571.	0.3	16
44	Unbiased Phenome-Wide Association Studies of Red Cell Distribution Width Identifies Key Associations with Pulmonary Hypertension. <i>Annals of the American Thoracic Society</i> , 2019, 16, 589-598.	1.5	16
45	Postdeployment Respiratory Syndrome in Soldiers With Chronic Exertional Dyspnea. <i>American Journal of Surgical Pathology</i> , 2021, 45, 1587-1596.	2.1	16
46	Renin-Angiotensin-Aldosterone System Modulates Blood Pressure Response During Vascular Endothelial Growth Factor Receptor Inhibition. <i>JACC: CardioOncology</i> , 2019, 1, 14-23.	1.7	15
47	The polygenic architecture of left ventricular mass mirrors the clinical epidemiology. <i>Scientific Reports</i> , 2020, 10, 7561.	1.6	13
48	NHLBI-CMREF Workshop Report on Pulmonary Vascular Disease Classification. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2040-2052.	1.2	13
49	National Institutes of Health Career Development Awards for Cardiovascular Physician-Scientists. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1816-1827.	1.2	12
50	Plasma hepatocyte growth factor is a novel marker of AL cardiac amyloidosis. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2016, 23, 242-248.	1.4	12
51	Integration of Complex Data Sources to Provide Biologic Insight into Pulmonary Vascular Disease (2015 Grover Conference Series). <i>Pulmonary Circulation</i> , 2016, 6, 251-260.	0.8	11
52	Diagnosis and Treatment of Right Heart Failure in Pulmonary Vascular Diseases: A National Heart, Lung, and Blood Institute Workshop. <i>Circulation: Heart Failure</i> , 2021, 14, .	1.6	11
53	Reduced free-living activity levels in pulmonary arterial hypertension patients. <i>Pulmonary Circulation</i> , 2019, 9, 1-3.	0.8	10
54	Echocardiographic evaluation of diastolic function in the setting of pulmonary hypertension. <i>Pulmonary Circulation</i> , 2019, 9, 1-11.	0.8	9

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55	A checkpoint on innate myeloid cells in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2019, 9, 1-5.	0.8	9
56	BMI Is Causally Associated With Pulmonary Artery Pressure But Not Hemodynamic Evidence of Pulmonary Vascular Remodeling. <i>Chest</i> , 2021, 159, 302-310.	0.4	9
57	Clinical Features Associated With Nascent Left Ventricular Diastolic Dysfunction in a Population Aged 40 to 55 Years. <i>American Journal of Cardiology</i> , 2018, 121, 1552-1557.	0.7	8
58	Emerging therapies: The potential roles SGLT2 inhibitors, GLP1 agonists, and ARNI therapy for ARNI pulmonary hypertension. <i>Pulmonary Circulation</i> , 2022, 12, e12028.	0.8	8
59	Autonomic Nervous System in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2018, 137, 925-927.	1.6	7
60	Minimally invasive fibrillating mitral valve replacement for patients with advanced cardiomyopathy: A safe and effective approach to treat a complex problem. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2045-2051.e1.	0.4	6
61	Vasodilator-Responsive Idiopathic Pulmonary Arterial Hypertension: Evidence for a New Disease?. <i>Annals of Internal Medicine</i> , 2015, 162, 148-149.	2.0	6
62	End-Tidal Carbon Dioxide as a Prognostic Feature in Pulmonary Arterial Hypertension. <i>Annals of the American Thoracic Society</i> , 2017, 14, 896-902.	1.5	6
63	Early intervention: should we conduct therapeutic trials for mild pulmonary hypertension before onset of symptoms?. <i>Pulmonary Circulation</i> , 2019, 9, 204589401984561.	0.8	6
64	Association between HIV and incident pulmonary hypertension in US Veterans: a retrospective cohort study. <i>The Lancet Healthy Longevity</i> , 2021, 2, e417-e425.	2.0	6
65	Clinical and genetic associations with prostacyclin response in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2018, 8, 1-9.	0.8	5
66	Measurement of diffuse ventricular fibrosis with myocardial T1 in patients with atrial fibrillation. <i>Journal of Arrhythmia</i> , 2016, 32, 51-56.	0.5	4
67	Pulmonary Hypertension and Right Ventricular Failure. <i>Cardiology Clinics</i> , 2020, 38, 269-281.	0.9	4
68	Severity of Pulmonary Hypertension and Obesity are Not Associated with Worse Functional Outcomes after Pulmonary Thromboendarterectomy. <i>Pulmonary Circulation</i> , 2016, 6, 174-180.	0.8	3
69	Sex hormone exposure and reproductive factors in pulmonary arterial hypertension: a case-control study. <i>Pulmonary Circulation</i> , 2020, 10, 1-9.	0.8	3
70	Using genetics to detangle the relationships between red cell distribution width and cardiovascular diseases: a unique role for body mass index. <i>Open Heart</i> , 2021, 8, e001713.	0.9	3
71	Letter by Mosley Regarding Article, "Iron Homeostasis and Pulmonary Hypertension: Iron Deficiency Leads to Pulmonary Vascular Remodeling in the Rat". <i>Circulation Research</i> , 2015, 117, e56-7.	2.0	2
72	Correspondence on the debate regarding the haemodynamic definition of pulmonary hypertension. <i>European Respiratory Journal</i> , 2019, 53, 1900727.	3.1	2

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73	Pulmonary Artery Acceleration Time in Young Adulthood and Cardiovascular Outcomes Later in Life: The Coronary Artery Risk Development in Young Adults Study. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 82-89.e1.	1.2	2
74	Biomarker-specific differences between transpulmonary and peripheral arterial-venous blood sampling in patients with pulmonary hypertension. <i>Biomarkers</i> , 2020, 25, 131-136.	0.9	2
75	HIV- and HCV-specific markers and echocardiographic pulmonary artery systolic pressure among United States veterans. <i>Scientific Reports</i> , 2020, 10, 18729.	1.6	2
76	Predictors of Diastolic-To-Wedge Gradient in Patients Evaluated for Pulmonary Hypertension. <i>PLoS ONE</i> , 2013, 8, e76461.	1.1	1
77	One generation's "junk" is another's treasure: The emerging role of microRNAs as therapeutic targets. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 233-234.	0.3	1
78	Toxin-Mediated Myocarditis From a Brown Recluse Spider Bite. <i>JACC: Case Reports</i> , 2022, 4, 49-53.	0.3	1
79	Introduction to Review Series on Pulmonary Vascular Disease and Right Ventricular Heart Failure. <i>Circulation Research</i> , 2022, 130, 1362-1364.	2.0	1
80	Moment on the Lips, a Lifetime on the Lungs?. <i>Circulation Research</i> , 2019, 125, 467-469.	2.0	0
81	Editorial commentary: Pulmonary hypertension in left heart disease: Definitions, data sources, and the road ahead. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 218-219.	2.3	0
82	Floating the invisible swan: noninvasive prediction of haemodynamics. <i>European Respiratory Journal</i> , 2020, 55, 1902385.	3.1	0
83	Echocardiographic Pulmonary Hypertension and Right Heart Function "The Big Picture" Reply. <i>JAMA Cardiology</i> , 2020, 5, 613.	3.0	0
84	Shuttling toward Improved Clinic-based Assessment of Exercise Capacity in Pulmonary Arterial Hypertension. <i>Annals of the American Thoracic Society</i> , 2021, 18, 26-27.	1.5	0
85	Right Ventricular Pathobiology. , 2014, , 35-44.		0
86	SAT-080 Dexamethasone Administration Stimulates Acute Increases in Natriuretic Peptides in Humans: A Potential Diagnostic Test for "Natriuretic Peptide Hormone Deficiency"?. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0