Brian B Graham

List of Publications by Citations

72 papers	3,171 citations	31 h-index	56 g-index
107 ext. papers	3,870 ext. citations	8.1 avg, IF	4.9 L-index

#	Paper	IF	Citations
72	Modern age pathology of pulmonary arterial hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 186, 261-72	10.2	376
71	Systems-level regulation of microRNA networks by miR-130/301 promotes pulmonary hypertension. *Journal of Clinical Investigation*, **2014**, 124, 3514-28	15.9	157
70	Matrix Remodeling Promotes Pulmonary Hypertension through Feedback Mechanoactivation of the YAP/TAZ-miR-130/301 Circuit. *Cell Reports*, **2015**, 13, 1016-32	10.6	144
69	Deletion of iron regulatory protein 1 causes polycythemia and pulmonary hypertension in mice through translational derepression of HIF2 *Cell Metabolism*, **2013**, 17, 271-81	24.6	131
68	Adventitial fibroblasts induce a distinct proinflammatory/profibrotic macrophage phenotype in pulmonary hypertension. *Journal of Immunology*, **2014**, 193, 597-609	5.3	125
67	Targeting energetic metabolism: a new frontier in the pathogenesis and treatment of pulmonary hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 260-6	10.2	122
66	Tracheal Basal cells: a facultative progenitor cell pool. *American Journal of Pathology*, **2010**, 177, 362-76	5.8	107
65	Pathology of pulmonary hypertension. *Clinics in Chest Medicine*, **2013**, 34, 639-50	5.3	96
64	Genetic and hypoxic alterations of the microRNA-210-ISCU1/2 axis promote iron-sulfur deficiency and pulmonary hypertension. *EMBO Molecular Medicine*, **2015**, 7, 695-713	12	96
63	Antagonistic regulation by the transcription factors C/EBP and MITF specifies basophil and mast cell fates. *Immunity*, **2013**, 39, 97-110	32.3	95
62	Pediatric tracheal surgery. *Annals of Thoracic Surgery*, **2002**, 74, 308-13; discussion 314	2.7	92
61	Diabetes mellitus does not adversely affect outcomes from a critical illness. *Critical Care Medicine*, **2010**, 38, 16-24	1.4	88
60	Fasting 2-deoxy-2-[18F]fluoro-D-glucose positron emission tomography to detect metabolic changes in pulmonary arterial hypertension hearts over 1 year. *Annals of the American Thoracic Society*, **2013**, 10, 1-9	4.7	85
59	Schistosomiasis-associated pulmonary hypertension: pulmonary vascular disease: the global perspective. *Chest*, **2010**, 137, 20S-29S	5.3	84
58	Primary pulmonary lymphoma. *Annals of Thoracic Surgery*, **2005**, 80, 1248-53	2.7	78
57	Schistosomiasis-induced experimental pulmonary hypertension: role of interleukin-13 signaling. *American Journal of Pathology*, **2010**, 177, 1549-61	5.8	77
56	Transforming growth factor- signaling promotes pulmonary hypertension caused by Schistosoma mansoni. *Circulation*, **2013**, 128, 1354-64	16.7	74

55	TGF-activation by bone marrow-derived thrombospondin-1 causes Schistosoma- and hypoxia-induced pulmonary hypertension. *Nature Communications*, **2017**, 8, 15494	17.4	72
54	Increased mitochondrial arginine metabolism supports bioenergetics in asthma. *Journal of Clinical Investigation*, **2016**, 126, 2465-81	15.9	65
53	Pulmonary vascular disease in mice xenografted with human BM progenitors from patients with pulmonary arterial hypertension. *Blood*, **2012**, 120, 1218-27	2.2	61
52	Dominant Role for Regulatory T Cells in Protecting Females Against Pulmonary Hypertension. *Circulation Research*, **2018**, 122, 1689-1702	15.7	57
51	Dysfunctional resident lung mesenchymal stem cells contribute to pulmonary microvascular remodeling. *Pulmonary Circulation*, **2013**, 3, 31-49	2.7	57
50	NEDD9 targets to promote endothelial fibrosis and pulmonary arterial hypertension. *Science Translational Medicine*, **2018**, 10,	17.5	52
49	The Causal Role of IL-4 and IL-13 in Schistosoma mansoni Pulmonary Hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 998-1008	10.2	51
48	Dynamic and diverse changes in the functional properties of vascular smooth muscle cells in pulmonary hypertension. *Cardiovascular Research*, **2018**, 114, 551-564	9.9	49
47	TNFalpha inhibits apoptotic cell clearance in the lung, exacerbating acute inflammation. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2009**, 297, L586-95	5.8	42
46	A Time- and Compartment-Specific Activation of Lung Macrophages in Hypoxic Pulmonary Hypertension. *Journal of Immunology*, **2017**, 198, 4802-4812	5.3	40
45	Protective role of IL-6 in vascular remodeling in Schistosoma pulmonary hypertension. *American Journal of Respiratory Cell and Molecular Biology*, **2013**, 49, 951-9	5.7	38
44	Systems Analysis of the Human Pulmonary Arterial Hypertension Lung Transcriptome. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 60, 637-649	5.7	36
43	Suppression of HIF2 signalling attenuates the initiation of hypoxia-induced pulmonary hypertension. *European Respiratory Journal*, **2019**, 54,	13.6	35
42	Severe pulmonary hypertension is associated with altered right ventricle metabolic substrate uptake. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 309, L435-40	5.8	34
41	Sex-derived attributes contributing to SARS-CoV-2 mortality. *American Journal of Physiology - Endocrinology and Metabolism*, **2020**, 319, E562-E567	6	31
40	The crossroads of iron with hypoxia and cellular metabolism. Implications in the pathobiology of pulmonary hypertension. *American Journal of Respiratory Cell and Molecular Biology*, **2014**, 51, 721-9	5.7	30
39	Significant intrapulmonary Schistosoma egg antigens are not present in schistosomiasis-associated pulmonary hypertension. *Pulmonary Circulation*, **2011**, 1, 456-61	2.7	30
38	Cigarette smoke triggers code red: p21CIP1/WAF1/SDI1 switches on danger responses in the lung. *American Journal of Respiratory Cell and Molecular Biology*, **2008**, 39, 1-6	5.7	29

37	BOLA (BolA Family Member 3) Deficiency Controls Endothelial Metabolism and Glycine Homeostasis in Pulmonary Hypertension. *Circulation*, **2019**, 139, 2238-2255	16.7	28
36	Pulmonary veins in the normal lung and pulmonary hypertension due to left heart disease. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2013**, 305, L725-36	5.8	25
35	Schistosomiasis causes remodeling of pulmonary vessels in the lung in a heterogeneous localized manner: Detailed study. *Pulmonary Circulation*, **2013**, 3, 356-62	2.7	20
34	Right Ventricle Vasculature in Human Pulmonary Hypertension Assessed by Stereology. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 196, 1075-1077	10.2	19
33	Vascular Adaptation of the Right Ventricle in Experimental Pulmonary Hypertension. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 59, 479-489	5.7	18
32	Rtp801 suppression of epithelial mTORC1 augments endotoxin-induced lung inflammation. *American Journal of Pathology*, **2014**, 184, 2382-9	5.8	18
31	Schistosomiasis and the pulmonary vasculature (2013 Grover Conference series). *Pulmonary Circulation*, **2014**, 4, 353-62	2.7	17
30	Th2 CD4 T Cells Are Necessary and Sufficient for Schistosoma-Pulmonary Hypertension. *Journal of the American Heart Association*, **2019**, 8, e013111	6	16
29	Hot topics in the mechanisms of pulmonary arterial hypertension disease: cancer-like pathobiology, the role of the adventitia, systemic involvement, and right ventricular failure. *Pulmonary Circulation* , **2019**, 9, 2045894019889775	2.7	15
28	Functional prostacyclin synthase promoter polymorphisms. Impact in pulmonary arterial hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 189, 1110-20	10.2	14
27	The Role of Type 2 Inflammation in -Induced Pulmonary Hypertension. *Frontiers in Immunology*, **2019**, 10, 27	8.4	12
26	Interstitial macrophage-derived thrombospondin-1 contributes to hypoxia-induced pulmonary hypertension. *Cardiovascular Research*, **2020**, 116, 2021-2030	9.9	10
25	Role of vascular endothelial growth factor signaling in Schistosoma-induced experimental pulmonary hypertension. *Pulmonary Circulation*, **2014**, 4, 289-99	2.7	9
24	Schistosomiasis Pulmonary Arterial Hypertension. *Frontiers in Immunology*, **2020**, 11, 608883	8.4	9
23	Stable isotope metabolomics of pulmonary artery smooth muscle and endothelial cells in pulmonary hypertension and with TGF-beta treatment. *Scientific Reports*, **2020**, 10, 413	4.9	8
22	Clinical problem-solving. Kiss of death. *New England Journal of Medicine*, **2009**, 360, 2564-8	59.2	8
21	Interleukin-6 mediates neutrophil mobilization from bone marrow in pulmonary hypertension. *Cellular and Molecular Immunology*, **2021**, 18, 374-384	15.4	8
20	Pathophysiology and potential future therapeutic targets using preclinical models of COVID-19. *ERJ Open Research*, **2020**, 6,	3.5	6

19	Bone marrow transplantation prevents right ventricle disease in the -deficient mouse model of pulmonary hypertension. *Blood Advances*, **2017**, 1, 526-534	7.8	6
18	Paclitaxel blocks Th2-mediated TGF- activation in Schistosoma mansoni-induced pulmonary hypertension. *Pulmonary Circulation*, **2019**, 9, 2045894018820813	2.7	6
17	Enhanced inflammatory cell profiles in schistosomiasis-induced pulmonary vascular remodeling. *Pulmonary Circulation*, **2017**, 7, 244-252	2.7	5
16	End-to-side venous anastomosis with the internal jugular vein stump: a preliminary report. *Head and Neck*, **2004**, 26, 537-40	4.2	5
15	A sinus venosus atrial septal defect is diagnosed by echocardiography with an unusual bubble study. *Echocardiography*, **2013**, 30, E182-3	1.5	4
14	IL-6Ra in Smooth Muscle Cells Protects against - and Hypoxia-induced Pulmonary Hypertension. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 61, 123-126	5.7	3
13	Exploring New Therapeutic Pathways in Pulmonary Hypertension. Metabolism, Proliferation, and Personalized Medicine. *American Journal of Respiratory Cell and Molecular Biology*, **2020**, 63, 279-292	5.7	2
12	Fatty Acid Metabolism, Bone Morphogenetic Protein Receptor Type 2, and the Right Ventricle. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 655-6	10.2	2
11	IL-33-HIF1 Axis in Hypoxic Pulmonary Hypertension. *EBioMedicine*, **2018**, 33, 8-9	8.8	2
10	Common genetic variants in pulmonary arterial hypertension. *Lancet Respiratory Medicine,the*, **2019**, 7, 190-191	35.1	2
9	Role of IL-4 and IL-13 in Schistosoma-induced pulmonary hypertension (LB780). *FASEB Journal*, **2014**, 28, LB780	0.9	1
8	Experimental Schistosoma japonicum-induced pulmonary hypertension.. *PLoS Neglected Tropical Diseases*, **2022**, 16, e0010343	4.8	1
7	Arterial vascular volume changes with haemodynamics in schistosomiasis-associated pulmonary arterial hypertension. *European Respiratory Journal*, **2021**, 57,	13.6	0
6	Endothelial cell PHD2-HIF1 PFKFB3 contributes to right ventricle vascular adaptation in pulmonary hypertension. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2021**, 321, L675-L685	5.8	0
5	Dyspnea, chest pain, and altered mental status in a 33-year-old carpenter. *Chest*, **2008**, 134, 1074-1079	5.3	
4	Barriers and Solutions to Developing Future Therapies for Pulmonary Hypertension. *Advances in Pulmonary Hypertension*, **2018**, 17, 159-165	0.5	
3	Determining the Optimal Approach to Initiating Oral, Inhaled, and Intravenous Therapies in Clinical Practice: Sequential Goal-Directed Therapy Is Best **2016**, 271-276		
2	Rationale and design of a screening study to detect schistosomiasis-associated pulmonary hypertension in Ethiopia and Zambia.. *Pulmonary Circulation*, **2022**, 12, e12072	2.7	

1	Peripheral Blood Inflammation Profile of Patients with Pulmonary Arterial Hypertension Using the High-Throughput Olink Proteomics Platform.. *American Journal of Respiratory Cell and Molecular Biology*, **2022**, 66, 580-581	5.7