

# Tim Lahm

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

6,748  
citations

236833

25  
h-index

128225

60  
g-index

64  
all docs

64  
docs citations

64  
times ranked

15782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Medical and Surgical Treatment of Acute Right Ventricular Failure. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1435-1446.	1.2	172
3	17 $\beta$ -Estradiol Attenuates Hypoxic Pulmonary Hypertension via Estrogen Receptor-mediated Effects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 965-980.	2.5	145
4	Progress in solving the sex hormone paradox in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L7-L26.	1.3	129
5	Estradiol improves right ventricular function in rats with severe angioproliferative pulmonary hypertension: effects of endogenous and exogenous sex hormones. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L873-L890.	1.3	114
6	Sex, Gender, and Sex Hormones in Pulmonary Hypertension and Right Ventricular Failure. , 2019, 10, 125-170.		92
7	Female Sex and Gender in Lung/Sleep Health and Disease. Increased Understanding of Basic Biological, Pathophysiological, and Behavioral Mechanisms Leading to Better Health for Female Patients with Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 850-858.	2.5	74
8	The effects of estrogen on pulmonary artery vasoreactivity and hypoxic pulmonary vasoconstriction: Potential new clinical implications for an old hormone. <i>Critical Care Medicine</i> , 2008, 36, 2174-2183.	0.4	72
9	Dihydroceramide-based Response to Hypoxia. <i>Journal of Biological Chemistry</i> , 2011, 286, 38069-38078.	1.6	71
10	Endogenous estrogen attenuates pulmonary artery vasoreactivity and acute hypoxic pulmonary vasoconstriction: the effects of sex and menstrual cycle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E865-E871.	1.8	67
11	Selective estrogen receptor- $\alpha$ and estrogen receptor- $\beta$ agonists rapidly decrease pulmonary artery vasoconstriction by a nitric oxide-dependent mechanism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1486-R1493.	0.9	65
12	17 $\beta$ -Estradiol mediates superior adaptation of right ventricular function to acute strenuous exercise in female rats with severe pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L375-L388.	1.3	61
13	Enhancing Insights into Pulmonary Vascular Disease through a Precision Medicine Approach. A Joint NHLBI Cardiovascular Medical Research and Education Fund Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1661-1670.	2.5	59
14	Corticosteroids for Blastomycosis-Induced ARDS. <i>Chest</i> , 2008, 133, 1478-1480.	0.4	58
15	High-intensity interval training, but not continuous training, reverses right ventricular hypertrophy and dysfunction in a rat model of pulmonary hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R197-R210.	0.9	57
16	THE CRITICAL ROLE OF VASCULAR ENDOTHELIAL GROWTH FACTOR IN PULMONARY VASCULAR REMODELING AFTER LUNG INJURY. <i>Shock</i> , 2007, 28, 4-14.	1.0	56
17	Emerging role of angiogenesis in adaptive and maladaptive right ventricular remodeling in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L443-L460.	1.3	51
18	Sex Differences in Right Ventricular Pulmonary Arterial Coupling in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1042-1046.	2.5	48

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19	Estrogen administered after cardiac arrest and cardiopulmonary resuscitation ameliorates acute kidney injury in a sex- and age-specific manner. <i>Critical Care</i> , 2015, 19, 332.	2.5	47
20	17 $\beta$ -estradiol and estrogen receptor $\alpha$ protect right ventricular function in pulmonary hypertension via BMPR2 and apelin. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	47
21	Investigational new drug enabling angiotensin oral-delivery studies to attenuate pulmonary hypertension. <i>Biomaterials</i> , 2020, 233, 119750.	5.7	42
22	EXOGENOUS ESTROGEN RAPIDLY ATTENUATES PULMONARY ARTERY VASOREACTIVITY AND ACUTE HYPOXIC PULMONARY VASOCONSTRICTION. <i>Shock</i> , 2008, 30, 660-667.	1.0	38
23	Inhaled nitric oxide to treat intermediate risk pulmonary embolism: A multicenter randomized controlled trial. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 84, 60-68.	1.2	37
24	Neonatal hyperoxic lung injury favorably alters adult right ventricular remodeling response to chronic hypoxia exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L797-L806.	1.3	32
25	Poor Agreement between Pulmonary Capillary Wedge Pressure and Left Ventricular End-Diastolic Pressure in a Veteran Population. <i>PLoS ONE</i> , 2014, 9, e87304.	1.1	31
26	LC3 as a potential therapeutic target in hypoxia-induced pulmonary hypertension. <i>Autophagy</i> , 2012, 8, 1146-1147.	4.3	27
27	World Health Organization Group 5 Pulmonary Hypertension. <i>Clinics in Chest Medicine</i> , 2013, 34, 753-778.	0.8	25
28	A prescribed walking regimen plus arginine supplementation improves function and quality of life for patients with pulmonary arterial hypertension: a pilot study. <i>Pulmonary Circulation</i> , 2018, 8, 1-12.	0.8	24
29	Molecular mechanisms of right ventricular dysfunction in pulmonary arterial hypertension: focus on the coronary vasculature, sex hormones, and glucose/lipid metabolism. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1522-1540.	0.7	23
30	Randomized trial of inhaled nitric oxide to treat acute pulmonary embolism: The iNOPE trial. <i>American Heart Journal</i> , 2017, 186, 100-110.	1.2	22
31	Sex-based differences in veterans with pulmonary hypertension: Results from the veterans affairs-clinical assessment reporting and tracking database. <i>PLoS ONE</i> , 2017, 12, e0187734.	1.1	21
32	Novel assessment of haemodynamic kinetics with acute exercise in a rat model of pulmonary arterial hypertension. <i>Experimental Physiology</i> , 2015, 100, 742-754.	0.9	19
33	Challenges in Pulmonary Hypertension: Controversies in Treating the Tip of the Iceberg. A Joint National Institutes of Health Clinical Center and Pulmonary Hypertension Association Symposium Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 166-174.	2.5	17
34	Pulmonary vascular mechanical consequences of ischemic heart failure and implications for right ventricular function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1167-H1177.	1.5	17
35	Isolated heart model demonstrates evidence of contractile and diastolic dysfunction in right ventricles from rats with sugen/hypoxia-induced pulmonary hypertension. <i>Physiological Reports</i> , 2017, 5, e13438.	0.7	16
36	Estrogen receptor $\alpha$ prevents right ventricular diastolic dysfunction and fibrosis in female rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H1459-H1473.	1.5	16

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37	Estrogen receptorâ€dependent attenuation of hypoxiaâ€induced changes in the lung genome of pulmonary hypertension rats. <i>Pulmonary Circulation</i> , 2017, 7, 232-243.	0.8	15
38	Exogenous Estrogen Preserves Distal Pulmonary Arterial Mechanics and Prevents Pulmonary Hypertension in Rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 371-374.	2.5	15
39	Renin-Angiotensin-Aldosterone System Inhibitor Use and Mortality in Pulmonary Hypertension. <i>Chest</i> , 2021, 159, 1586-1597.	0.4	13
40	Inhibiting oestrogen signalling in pulmonary arterial hypertension: sex, drugs and research. <i>European Respiratory Journal</i> , 2017, 50, 1700983.	3.1	11
41	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
42	Selective Endothelinâ€A Receptor Blockade Attenuates Endotoxinâ€Induced Pulmonary Hypertension and Pulmonary vascular dysfunction. <i>Pulmonary Circulation</i> , 2014, 4, 300-310.	0.8	8
43	Derivation of a Screening Tool to Identify Patients with Right Ventricular Dysfunction or Tricuspid Regurgitation after Negative Computerized Tomographic Pulmonary Angiography of the Chest. <i>Pulmonary Circulation</i> , 2015, 5, 171-183.	0.8	8
44	Releasing the brakes: a case report of pulmonary arterial hypertension induced by immune checkpoint inhibitor therapy. <i>Pulmonary Circulation</i> , 2020, 10, 1-4.	0.8	8
45	Association of premature menopause with incident pulmonary hypertension: A cohort study. <i>PLoS ONE</i> , 2021, 16, e0247398.	1.1	8
46	Newer insights into the pathobiological and pharmacological basis of the sex disparity in patients with pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L1025-L1037.	1.3	8
47	Sex differences in pulmonary hypertension: are we cleaning up the mess?. <i>European Respiratory Journal</i> , 2016, 47, 390-393.	3.1	7
48	Multicenter Validation of a Customizable Scoring Tool for Selection of Trainees for a Residency or Fellowship Program. The EAST-IST Study. <i>Annals of the American Thoracic Society</i> , 2017, 14, 517-523.	1.5	7
49	Golgi Associated HIF1a Serves as a Reserve in Melanoma Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 853-859.	1.2	5
50	Metabolite G-Protein Coupled Receptors in Cardio-Metabolic Diseases. <i>Cells</i> , 2021, 10, 3347.	1.8	5
51	Transcriptomic modifications in developmental cardiopulmonary adaptations to chronic hypoxia using a murine model of simulated high-altitude exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L456-L470.	1.3	4
52	At the X-Roads of Sex and Genetics in Pulmonary Arterial Hypertension. <i>Genes</i> , 2020, 11, 1371.	1.0	4
53	Novel early life risk factors for adult pulmonary hypertension. <i>Pulmonary Circulation</i> , 2019, 9, 1-4.	0.8	3
54	Taking it to heart: dissecting cardiopulmonary interactions in diseases of the lung and the cardiovascular system. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L547-L549.	1.3	3

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55	Impact of Sex and Gender on Autoimmune Lung Disease: Opportunities for Future Research: NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 817-823.	2.5	3
56	A 42-Year-Old Woman With Diffuse Pulmonary Infiltrates and Bilateral Pneumothoraces. Chest, 2011, 140, 550-553.	0.4	2
57	Assessing the cancer hypothesis of pulmonary arterial hypertension: the devil is in the detail. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L1140-L1141.	1.3	2
58	Sex Differences in Right Ventricular Adaptation to Pressure Overload in a Rat Model. Journal of Applied Physiology, 2022, , .	1.2	2
59	Large Animal Studies in Pulmonary Hypertension—What Phenotype do We Need to Model?. Journal of Surgical Research, 2012, 178, 115-118.	0.8	1
60	Distinct immunologic and radiographic patterns in etanercept-induced lung injury. Respiratory Medicine Case Reports, 2013, 8, 18-20.	0.2	1
61	Hormones, Hemodynamics, and Hepatic Function. Chest, 2021, 159, 11-13.	0.4	1
62	Tips for success in pulmonary hypertension treatment: progress in isolating endothelial cells from pulmonary artery catheters. European Respiratory Journal, 2020, 55, 2000122.	3.1	0
63	Editorial commentary: Challenges in the diagnosis and management of pulmonary artery stenosis. Trends in Cardiovascular Medicine, 2021, 31, 185-186.	2.3	0
64	Misbehaving Guests in the Right Ventricle: Macrophage NLRP3 Activation in Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 0, , .	2.5	0