Melissa L Bates

List of Publications by Year
in descending order

57	679	516215 16	610482 24
papers	citations	h-index	g-index

57	57	57	942
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The use of simulated research rehearsals to address barriers to cardiopulmonary physiology research in the neonatal intensive care unit. Human Factors in Healthcare, 2022, , 100007.	0.5	0
2	Sex Differences and Cardiovascular Diseases in Down Syndrome. FASEB Journal, 2022, 36, .	0.2	0
3	Challenges and inclusive practices for LGBTQIA2S+ scientists in the American Physiological Society. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 323, H121-H124.	1.5	5
4	RNA Bulk Sequencing Analysis and Differential Gene Expression of Multiple Myeloma Susceptibility Strains: KaLwRij and CIH. FASEB Journal, 2021, 35, .	0.2	0
5	Case Studies in Physiology: Untangling the cause of hypoxemia in an obese patient with acute leukemia. FASEB Journal, 2021, 35, .	0.2	1
6	Aortic Pulse Wave Velocity Derivation From Arterial Waveforms in Critically Ill Infants and Children. FASEB Journal, 2021, 35, .	0.2	0
7	Viewpoint: Time to stop treating the heart as a single organ?. Experimental Physiology, 2021, 106, 1315-1316.	0.9	0
8	Wearable Monitors Facilitate Exercise in Adult and Pediatric Stem Cell Transplant. Exercise and Sport Sciences Reviews, 2021, 49, 205-212.	1.6	1
9	Case Studies in Physiology: Untangling the cause of hypoxemia in a patient with obesity with acute leukemia. Journal of Applied Physiology, 2021, 131, 788-793.	1.2	4
10	Respiratory diseases are whole body diseases: opportunities for growth in respiratory physiology. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L628-L630.	1.3	2
11	Adult Cardiovascular Health Risk and Cardiovascular Phenotypes of Prematurity. Journal of Pediatrics, 2020, 227, 17-30.	0.9	21
12	Everyone must be able to breathe: a plan to support diversity and inclusion in respiratory physiology. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L159-L162.	1.3	7
13	Impact of the Vulnerable Preterm Heart and Circulation on Adult Cardiovascular Disease Risk. Hypertension, 2020, 76, 1028-1037.	1.3	54
14	Increased aortic stiffness and elevated blood pressure in response to exercise in adult survivors of prematurity. Physiological Reports, 2020, 8, e14462.	0.7	11
15	Using an Investigative Journalism Approach to Design Mechanistic Experiments in Physiology. Physiology, 2020, 35, 218-219.	1.6	0
16	The snoRNA target of t(4;14) in multiple myeloma regulates ribosome biogenesis. FASEB BioAdvances, 2019, 1, 404-414.	1.3	17
17	Chronic intermittent hypoxia enhances disease progression in myeloma-resistant mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R678-R686.	0.9	10
18	A Large Animal Model of Right Ventricular Failure due to Chronic Thromboembolic Pulmonary Hypertension: A Focus on Function. Frontiers in Cardiovascular Medicine, 2019, 5, 189.	1.1	9

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19	Combining Volumetric Capnography And Barometric Plethysmography To Measure The Lung Structure-function Relationship. Journal of Visualized Experiments, 2019, , .	0.2	0
20	Addressing workplace violence with the Pathway to ExcellenceÂ® framework. Nursing Management, 2019, 50, 10-13.	0.2	2
21	Ventilatory effects of longâ€term nitrite supplementation in a rat model of obesity. FASEB Journal, 2019, 33, 733.2.	0.2	0
22	Consequences of an early catheterâ€based intervention on pulmonary artery growth and right ventricular myocardial function in a pig model of pulmonary artery stenosis. Catheterization and Cardiovascular Interventions, 2018, 92, 78-87.	0.7	8
23	Prevention Is the Best Treatment: The Case for Understanding the Transition from Monoclonal Gammopathy of Undetermined Significance to Myeloma. International Journal of Molecular Sciences, 2018, 19, 3621.	1.8	17
24	Carotid body size measured by computed tomographic angiography in individuals born prematurely. Respiratory Physiology and Neurobiology, 2018, 258, 47-52.	0.7	7
25	Inspiratory and expiratory resistance cause right-to-left bubble passage through the foramen ovale. Physiological Reports, 2018, 6, e13719.	0.7	4
26	Prominent Bronchopulmonary Vascular Anastomoses in Fatal Childhood Asthma. Annals of the American Thoracic Society, 2018, 15, 1359-1362.	1.5	3
27	Longâ€term dietary nitrite supplementation is effective in reducing cardiovascular disease risk factors in older, obese rats. FASEB Journal, 2018, 32, 517.4.	0.2	0
28	Pulmonary arterial strain- and remodeling-induced stiffening are differentiated in a chronic model of pulmonary hypertension. Journal of Biomechanics, 2017, 55, 92-98.	0.9	16
29	Beta Adrenergic Regulation of Intrapulmonary Arteriovenous Anastomoses in Intact Rat and Isolated Rat Lungs. Frontiers in Physiology, 2017, 8, 218.	1.3	5
30	Alteration of mitochondrial biogenesis promotes disease progression in multiple myeloma. Oncotarget, 2017, 8, 111213-111224.	0.8	35
31	Chronic intermittent hypoxia alters ventilatory and metabolic responses to acute hypoxia in rats. Journal of Applied Physiology, 2016, 120, 1186-1195.	1.2	18
32	Oxidative stress augments chemoreflex sensitivity in rats exposed to chronic intermittent hypoxia. Respiratory Physiology and Neurobiology, 2016, 234, 47-59.	0.7	26
33	Pulmonary Gas Exchange and Exercise Capacity in Adults Born Preterm. Annals of the American Thoracic Society, 2015, 12, 150608162646009.	1.5	31
34	Effect of body position and oxygen tension on foramen ovale recruitment. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R28-R33.	0.9	8
35	Accuracy of Doppler echocardiographic estimates of pulmonary artery pressures inÂa canine model of pulmonary hypertension. Journal of Veterinary Cardiology, 2015, 17, 13-24.	0.3	45
36	Commentaries on Viewpoint: Why do some patients stop breathing after taking narcotics? Ventilatory chemosensitivity as a predictor of opioid-induced respiratory depression. Journal of Applied Physiology, 2015, 119, 423-425.	1.2	2

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37	Acute resolution of pulmonary alveolar infiltrates in 10 dogs with pulmonary hypertension treated with sildenafil citrate: 2005â€“2014. Journal of Veterinary Cardiology, 2015, 17, 182-191.	0.3	46
38	Feasibility of Stent Fracture and Expansion in the Palliation of Branch Pulmonary Artery Stenosis. FASEB Journal, 2015, 29, 1017.5.	0.2	0
39	Hypoxia and Exercise Increase the Transpulmonary Passage of 99mTc-Labeled Albumin Particles in Humans. PLoS ONE, 2014, 9, e101146.	1.1	17
40	Quantifying hypoxia-induced chemoreceptor sensitivity in the awake rodent. Journal of Applied Physiology, 2014, 117, 816-824.	1.2	36
41	Reply to Joseph. Journal of Applied Physiology, 2014, 117, 1525-1525.	1.2	0
42	Ultrasound Assessment of Ex Vivo Lung Tissue Properties Using a Fluid-Filled Negative Pressure Bath. Journal of Biomechanical Engineering, 2014, 136, .	0.6	0
43	Abnormal Ventilatory Responses in Adults Born Prematurely. New England Journal of Medicine, 2014, 370, 584-585.	13.9	61
44	Inhaled Thrombolytics Reduce Lung Microclot and Leukocyte Infiltration After Acute Blood Loss. Shock, 2014, 41, 528-536.	1.0	8
45	The skinny on obesity and plasma cell myeloma: a review of the literature. Bone Marrow Transplantation, 2014, 49, 1009-1015.	1.3	39
46	Transient Intrapulmonary Shunting in a Patient Treated With Î²2-Adrenergic Agonists for Status Asthmaticus. Pediatrics, 2014, 133, e1087-e1091.	1.0	7
47	Pulmonary function responses to ozone in smokers with a limited smoking history. Toxicology and Applied Pharmacology, 2014, 278, 85-90.	1.3	2
48	Ventilatory control in infants, children, and adults with bronchopulmonary dysplasia. Respiratory Physiology and Neurobiology, 2013, 189, 329-337.	0.7	33
49	Overbuilt for exercise or not: how do lung structure and distensibility impact exercise capacity?. Journal of Physiology, 2013, 591, 605-606.	1.3	0
50	Hypoxia recruits intrapulmonary arteriovenous pathways in intact rats but not isolated rat lungs. Journal of Applied Physiology, 2012, 112, 1915-1920.	1.2	20
51	Intrapulmonary Shunting is an Important Contributor to Exerciseâ€Induced Arterial Hypoxemia. FASEB Journal, 2012, 26, 1146.2.	0.2	0
52	Air Pollution and the Pulmonary Vasculature. , 2011, , 963-977.		0
53	Inhaled Nitric Oxide Alters Opening Of Intrapulmonary Arteriovenous Pathways In Humans During Exercise. , 2011, , .		0
54	Intrapulmonary Arteriovenous Shunt Pathways Are Recruited By Sympathetic Mediators. , 2011, , .		0

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55	The Curious Question of Exercise-Induced Pulmonary Edema. Pulmonary Medicine, 2011, 2011, 1-7.	0.5	34
56	Increases in Cardiac Output Recruit Intrapulmonary Shunt Pathways in the Rat. FASEB Journal, 2010, 24, 1061.2.	0.2	0
57	Longitudinal distribution of ozone absorption in the lung: Comparison of cigarette smokers and nonsmokers. Toxicology and Applied Pharmacology, 2009, 236, 270-275.	1.3	7