Peter A Robbins

List of Publications by Year
in descending order

192 papers	7,759 citations	47 h-index	80 g-index
		47006	62596
197 all docs	197 docs citations	197 times ranked	8380 citing authors

#	Article	IF	Citations
1	Intravenous iron to treat anaemia following critical care: a multicentre feasibility randomised trial. British Journal of Anaesthesia, 2022, 128, 272-282.	3.4	13
2	Abnormal whole-body energy metabolism in iron-deficient humans despite preserved skeletal muscle oxidative phosphorylation. Scientific Reports, 2022, 12, 998.	3.3	6
3	Lung Abnormalities Detected with Hyperpolarized ¹²⁹Xe MRI in Patients with Long COVID. Radiology, 2022, 305, 709-717.	7.3	57
4	Development of in-airway laser absorption spectroscopy for respiratory based measurements of cardiac output. Scientific Reports, 2021, 11, 5252.	3.3	2
5	The differing physiology of nitrogen and tracer gas multiple-breath washout techniques. ERJ Open Research, 2021, 7, 00858-2020.	2.6	3
6	Impacts of Changes in Atmospheric O2 on Human Physiology. Is There a Basis for Concern?. Frontiers in Physiology, 2021, 12, 571137.	2.8	10
7	A dynamic model of the body gas stores for carbon dioxide, oxygen, and inert gases that incorporates circulatory transport delays to and from the lung. Journal of Applied Physiology, 2021, 130, 1383-1397.	2.5	4
8	INtravenous iron to treat anaemia following CriTical care (INTACT): A protocol for a feasibility randomised controlled trial. Journal of the Intensive Care Society, 2021, 22, 182-182.	2.2	3
9	Supplementation with Iron in Pulmonary Arterial Hypertension. Two Randomized Crossover Trials. Annals of the American Thoracic Society, 2021, 18, 981-988.	3.2	28
10	Ventilation-perfusion inequality in COVID-19 pneumonia. Journal of Applied Physiology, 2021, 131, 868-869.	2.5	1
11	Pulmonary Effects of Sustained Periods of High-G Acceleration Relevant to Suborbital Spaceflight. Aerospace Medicine and Human Performance, 2021, 92, 633-641.	0.4	6
12	The kidney hepcidin/ferroportin axis controls iron reabsorption and determines the magnitude of kidney and systemic iron overload. Kidney International, 2021, 100, 559-569.	5.2	16
13	Novel measure of lung function for assessing disease activity in asthma. BMJ Open Respiratory Research, 2020, 7, e000531.	3.0	3
14	Iron bioavailability and cardiopulmonary function during ascent to very high altitude. European Respiratory Journal, 2020, 56, 1902285.	6.7	10
15	Intravenous iron and chronic obstructive pulmonary disease: a randomised controlled trial. BMJ Open Respiratory Research, 2020, 7, e000577.	3.0	15
16	Fetal liver hepcidin secures iron stores in utero. Blood, 2020, 136, 1549-1557.	1.4	24
17	Effects of Germline VHL Deficiency on Growth, Metabolism, and Mitochondria. New England Journal of Medicine, 2020, 382, 835-844.	27.0	23
18	Iron-Deficiency Anemia Results in Transcriptional and Metabolic Remodeling in the Heart Toward a Glycolytic Phenotype. Frontiers in Cardiovascular Medicine, 2020, 7, 616920.	2.4	14

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19	Accurate real-time F_ENO expirograms using complementary optical sensors. Journal of Breath Research, 2020, 14, 047102.	3.0	4
20	Marked and rapid effects of pharmacological HIF-2Î± antagonism on hypoxic ventilatory control. Journal of Clinical Investigation, 2020, 130, 2237-2251.	8.2	32
21	Multibreath washout tests: indices versus model parameters. Journal of Applied Physiology, 2020, 129, 1277-1277.	2.5	1
22	Intravenous iron delivers a sustained (8â€week) lowering of pulmonary artery pressure during exercise in healthy older humans. Physiological Reports, 2019, 7, e14164.	1.7	11
23	Intracellular iron deficiency in pulmonary arterial smooth muscle cells induces pulmonary arterial hypertension in mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13122-13130.	7.1	63
24	Measuring lung function in airways diseases: current and emerging techniques. Thorax, 2019, 74, 797-805.	5.6	21
25	Iron-deficiency anemia reduces cardiac contraction by downregulating RyR2 channels and suppressing SERCA pump activity. JCI Insight, 2019, 4, .	5.0	45
26	Hypercapnic Pulmonary Vasoconstriction Contributes to Regional Perfusion Distribution: Relevance to Asthma. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 682-683.	5.6	1
27	Potential for noninvasive assessment of lung inhomogeneity using highly precise, highly time-resolved measurements of gas exchange. Journal of Applied Physiology, 2018, 124, 615-631.	2.5	30
28	Effects of modest iron loading on iron indices in healthy individuals. Journal of Applied Physiology, 2018, 125, 1710-1719.	2.5	2
29	Measuring lung inhomogeneity in asthma using a novel non-invasive technique. , 2018, , .		1
30	Cardiopulmonary phenotype associated with humanPHD2mutation. Physiological Reports, 2017, 5, e13224.	1.7	10
31	A mechanistic physicochemical model of carbon dioxide transport in blood. Journal of Applied Physiology, 2017, 122, 283-295.	2.5	17
32	The interplay between iron and oxygen homeostasis with a particular focus on the heart. Journal of Applied Physiology, 2017, 123, 967-973.	2.5	19
33	Changes in pulmonary vascular responsiveness to hypoxia. Experimental Physiology, 2017, 102, 1561-1561.	2.0	1
34	Genetic structure in the Sherpa and neighboring Nepalese populations. BMC Genomics, 2017, 18, 102.	2.8	21
35	204â€...The cardiac hepcidin/ferroportin axis is essntial for cardiac iron homeostasis and function. Heart, 2017, 103, A137.2-A137.	2.9	0
36	Human hypoxic pulmonary vasoconstriction is unaltered by 8Âh of preceding isocapnic hyperoxia. Physiological Reports, 2017, 5, e13396.	1.7	6

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37	Evolutionary history of Tibetans inferred from whole-genome sequencing. PLoS Genetics, 2017, 13, e1006675.	3.5	89
38	Clinical iron deficiency disturbs normal human responses to hypoxia. Journal of Clinical Investigation, 2016, 126, 2139-2150.	8.2	82
39	Regulation of ventilatory sensitivity and carotid body proliferation in hypoxia by the PHD2/HIFâ€2 pathway. Journal of Physiology, 2016, 594, 1179-1195.	2.9	68
40	Genome-wide association of multiple complex traits in outbred mice by ultra-low-coverage sequencing. Nature Genetics, 2016, 48, 912-918.	21.4	124
41	Determinants of ventilation and pulmonary artery pressure during early acclimatization to hypoxia in humans. Journal of Physiology, 2016, 594, 1197-1213.	2.9	19
42	On the pivotal role of PPARa in adaptation of the heart to hypoxia and why fat in the diet increases hypoxic injury. FASEB Journal, 2016, 30, 2684-2697.	0.5	54
43	Suppression of plasma hepcidin by venesection during steady-state hypoxia. Blood, 2016, 127, 1206-1207.	1.4	15
44	Induced Disruption of the Iron-Regulatory Hormone Hepcidin Inhibits Acute Inflammatory Hypoferraemia. Journal of Innate Immunity, 2016, 8, 517-528.	3.8	15
45	Gene panel sequencing improves the diagnostic work-up of patients with idiopathic erythrocytosis and identifies new mutations. Haematologica, 2016, 101, 1306-1318.	3.5	66
46	In-airway molecular flow sensing: A new technology for continuous, noninvasive monitoring of oxygen consumption in critical care. Science Advances, 2016, 2, e1600560.	10.3	38
47	Elevation of iron storage in humans attenuates the pulmonary vascular response to hypoxia. Journal of Applied Physiology, 2016, 121, 537-544.	2.5	23
48	The von Hippel-Lindau Chuvash mutation in mice alters cardiac substrate and high-energy phosphate metabolism. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H759-H767.	3.2	11
49	An essential cell-autonomous role for hepcidin in cardiac iron homeostasis. ELife, 2016, 5, .	6.0	140
50	Iron, oxygen, and the pulmonary circulation. Journal of Applied Physiology, 2015, 119, 1421-1431.	2.5	22
51	Does Amifostine Reduce Metabolic Rate? Effect of the Drug on Gas Exchange and Acute Ventilatory Hypoxic Response in Humans. Pharmaceuticals, 2015, 8, 186-195.	3.8	3
52	A cross-sectional study of the prevalence and associations of iron deficiency in a cohort of patients with chronic obstructive pulmonary disease. BMJ Open, 2015, 5, e007911.	1.9	48
53	Factors influencing success of clinical genome sequencing across a broad spectrum of disorders. Nature Genetics, 2015, 47, 717-726.	21.4	310
54	Cardiac ferroportin regulates cellular iron homeostasis and is important for cardiac function. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3164-3169.	7.1	173

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55	Non-contact measurement of oxygen saturation with an RGB camera. Biomedical Optics Express, 2015, 6, 3320.	2.9	125
56	The pulmonary vasculature â€“ lessons from Tibetans and from rare diseases of oxygen sensing. Experimental Physiology, 2015, 100, 1233-1241.	2.0	12
57	Genome-Scale Methods Converge on Key Mitochondrial Genes for the Survival of Human Cardiomyocytes in Hypoxia. Circulation: Cardiovascular Genetics, 2014, 7, 407-415.	5.1	7
58	The von Hippel-Lindau Chuvash mutation in mice causes carotid-body hyperplasia and enhanced ventilatory sensitivity to hypoxia. Journal of Applied Physiology, 2014, 116, 885-892.	2.5	15
59	Contrasting effects of ascorbate and iron on the pulmonary vascular response to hypoxia in humans. Physiological Reports, 2014, 2, e12220.	1.7	20
60	The Peripheral Actions of the Central Neuropeptide Somatostatin on Control of Breathing. Progress in Brain Research, 2014, 209, 331-340.	1.4	3
61	RF noise induced laser perturbation for improving the performance of non-resonant cavity enhanced absorption spectroscopy. Optics Express, 2014, 22, 17030.	3.4	26
62	Tibetans living at sea level have a hyporesponsive hypoxia-inducible factor system and blunted physiological responses to hypoxia. Journal of Applied Physiology, 2014, 116, 893-904.	2.5	97
63	Human adaptation to the hypoxia of high altitude: the Tibetan paradigm from the pregenomic to the postgenomic era. Journal of Applied Physiology, 2014, 116, 875-884.	2.5	91
64	Hypoxia-inducible factor 2Î± regulates key neutrophil functions in humans, mice, and zebrafish. Blood, 2014, 123, 366-376.	1.4	124
65	Genetic Variation in SENP1 and ANP32D as Predictors of Chronic Mountain Sickness. High Altitude Medicine and Biology, 2014, 15, 497-499.	0.9	28
66	Erythrocytosis associated with a novel missense mutation in the BPGM gene. Haematologica, 2014, 99, e201-e204.	3.5	35
67	Dexamethasone mimics aspects of physiological acclimatization to 8 hours of hypoxia but suppresses plasma erythropoietin. Journal of Applied Physiology, 2013, 114, 948-956.	2.5	18
68	Genetic Signatures Reveal High-Altitude Adaptation in a Set of Ethiopian Populations. Molecular Biology and Evolution, 2013, 30, 1877-1888.	8.9	173
69	Supplementation of Iron in Pulmonary Hypertension: Rationale and Design of a Phase II Clinical Trial in Idiopathic Pulmonary Arterial Hypertension. Pulmonary Circulation, 2013, 3, 100-107.	1.7	32
70	Carotid body hyperplasia and enhanced ventilatory responses to hypoxia in mice with heterozygous deficiency of PHD2. Journal of Physiology, 2013, 591, 3565-3577.	2.9	53
71	Commercial Air Travel and In-Flight Pulmonary Hypertension. Aviation, Space, and Environmental Medicine, 2013, 84, 65-67.	0.5	14
72	Variations in Alveolar Partial Pressure for Carbon Dioxide and Oxygen Have Additive Not Synergistic Acute Effects on Human Pulmonary Vasoconstriction. PLoS ONE, 2013, 8, e67886.	2.5	18

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73	Pulmonary Artery Pressure Increases During Commercial Air Travel in Healthy Passengers. Aviation, Space, and Environmental Medicine, 2012, 83, 673-676.	0.5	30
74	Regulation of hepcidin expression at high altitude. Blood, 2012, 119, 857-860.	1.4	80
75	HIF-2Â± Regulates Neutrophilic Inflammation In Humans, Mice And Zebrafish. , 2012, , .		0
76	Intravenous iron and pulmonary hypertension in intensive care. Intensive Care Medicine, 2011, 37, 1720-1720.	8.2	9
77	Endurance exercise training blunts the deleterious effect of high-fat feeding on whole body efficiency. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R320-R326.	1.8	5
78	Laser-based absorption spectroscopy as a technique for rapid in-line analysis of respired gas concentrations of O₂ and CO₂. Journal of Applied Physiology, 2011, 111, 303-307.	2.5	13
79	Cardiopulmonary function in two human disorders of the hypoxiaâ€inducible factor (HIF) pathway: von Hippelâ€Lindau disease and HIFâ€Î± gainâ€ofâ€function mutation. FASEB Journal, 2011, 25, 2001-2011.	0.5	86
80	Normobaric hypoxia impairs human cardiac energetics. FASEB Journal, 2011, 25, 3130-3135.	0.5	36
81	Shortâ€term consumption of a highâ€fat diet impairs wholeâ€body efficiency and cognitive function in sedentary men. FASEB Journal, 2011, 25, 1088-1096.	0.5	103
82	Intravenous Iron Supplementation May Protect Against Acute Mountain Sickness: A Randomized, Double-Blinded, Placebo-Controlled Trial. High Altitude Medicine and Biology, 2011, 12, 265-269.	0.9	24
83	Extent to which pulmonary vascular responses to P<scp>co</scp>₂ and P<scp>o</scp>₂ play a functional role within the healthy human lung. Journal of Applied Physiology, 2010, 108, 1084-1096.	2.5	29
84	Normobaric hypoxia elevates free fatty acids and impairs cardiac energetics and diastolic function in normal human volunteers. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	3.3	0
85	Regulation of human metabolism by hypoxia-inducible factor. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12722-12727.	7.1	160
86	Natural selection on EPAS1 (HIF2Î±) associated with low hemoglobin concentration in Tibetan highlanders. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11459-11464.	7.1	708
87	The Effect of High-Altitude on Human Skeletal Muscle Energetics: 31P-MRS Results from the Caudwell Xtreme Everest Expedition. PLoS ONE, 2010, 5, e10681.	2.5	50
88	Effects of Iron Supplementation and Depletion on Hypoxic Pulmonary Hypertension. JAMA - Journal of the American Medical Association, 2009, 302, 1444.	7.4	155
89	Pulmonary vascular response to air-breathing exercise in humans following an 8-h exposure to hypoxia. Respiratory Physiology and Neurobiology, 2009, 169, 11-15.	1.6	3
90	Regulation of growth differentiation factor 15 expression by intracellular iron. Blood, 2009, 113, 1555-1563.	1.4	75

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91	Variations within oxygen-regulated gene expression in humans. Journal of Applied Physiology, 2009, 106, 212-220.	2.5	37
92	A genetic disease in humans demonstrates the importance of hypoxiaâ€inducible factor in skeletal muscle metabolism. FASEB Journal, 2009, 23, 955.32.	0.5	0
93	The sympathetic chemoreflex response to hypoxia in humans is sensitised by prior exposure to 8 h of isocapnic hypoxia. FASEB Journal, 2009, 23, 1008.14.	0.5	0
94	Effects of hydralazine on the pulmonary vasculature and respiratory control in humans. Experimental Physiology, 2008, 93, 104-114.	2.0	1
95	The increase in pulmonary arterial pressure caused by hypoxia depends on iron status. Journal of Physiology, 2008, 586, 5999-6005.	2.9	139
96	The human side of hypoxiaâ€inducible factor. British Journal of Haematology, 2008, 141, 325-334.	2.5	222
97	Mutation of the von Hippel-Lindau Gene Alters Human Cardiopulmonary Physiology. Advances in Experimental Medicine and Biology, 2008, 605, 51-56.	1.6	15
98	Intravenous Endothelin-1 and Ventilatory Sensitivity to Hypoxia in Humans. Advances in Experimental Medicine and Biology, 2008, 605, 57-62.	1.6	4
99	Non-dimensional Quantification of the Interactions Between Hypoxia, Hypercapnia and Exercise on Ventilation in Humans. Advances in Experimental Medicine and Biology, 2008, 605, 245-248.	1.6	2
100	Respiratory control during air-breathing exercise in humans following an 8h exposure to hypoxia. Respiratory Physiology and Neurobiology, 2008, 162, 169-175.	1.6	2
101	Can intravenous endothelin-1 be used to enhance hypoxic pulmonary vasoconstriction in healthy humans?. British Journal of Anaesthesia, 2008, 101, 466-472.	3.4	9
102	Commentaries on Viewpoint: Emergent phenomena and the secrets of life. Journal of Applied Physiology, 2008, 104, 1848-1850.	2.5	2
103	Role of the peripheral chemoreflex in the early stages of ventilatory acclimatization to altitude. Respiratory Physiology and Neurobiology, 2007, 158, 237-242.	1.6	40
104	Prior sustained hypoxia attenuates interaction between hypoxia and exercise as ventilatory stimuli in humans. Experimental Physiology, 2007, 92, 273-286.	2.0	3
105	Can human cardiovascular regulation during exercise be learnt from feedback from arterial baroreceptors?. Experimental Physiology, 2007, 92, 695-704.	2.0	1
106	Lack of involvement of the autonomic nervous system in early ventilatory and pulmonary vascular acclimatization to hypoxia in humans. Journal of Physiology, 2007, 579, 215-225.	2.9	18
107	Dynamic Forcing of End-Tidal Carbon Dioxide and Oxygen Applied to Functional Magnetic Resonance Imaging. Journal of Cerebral Blood Flow and Metabolism, 2007, 27, 1521-1532.	4.3	114
108	Iron, preâ€eclampsia and hypoxiaâ€inducible factor. BJOG: an International Journal of Obstetrics and Gynaecology, 2007, 114, 1581-1582.	2.3	6

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109	Iron chelation does not potentiate early acclimatisation to sustained hypoxia in humans. FASEB Journal, 2007, 21, A925.	0.5	0
110	Intravenous iron loading inhibits the pulmonary vascular response to hypoxia in humans. FASEB Journal, 2007, 21, A1438.	0.5	0
111	The effect of exercise on the ventilatory response to hypercapnia in humans. FASEB Journal, 2007, 21, A1290.	0.5	0
112	Mutation of von Hippelâ€“Lindau Tumour Suppressor and Human Cardiopulmonary Physiology. PLoS Medicine, 2006, 3, e290.	8.4	163
113	The effect of hydralazine on cardiorespiratory responses to hypoxia may not involve activation of the HIF pathway. FASEB Journal, 2006, 20, LB30.	0.5	0
114	Ventilatory acclimatization in response to very small changes in Po2 in humans. Journal of Applied Physiology, 2005, 98, 1587-1591.	2.5	20
115	Two temporal components within the human pulmonary vascular response to âˆ¼2 h of isocapnic hypoxia. Journal of Applied Physiology, 2005, 98, 1125-1139.	2.5	117
116	Separating the direct effect of hypoxia from the indirect effect of changes in cardiac output on the maximum pressure difference across the tricuspid valve in healthy humans. Pflugers Archiv European Journal of Physiology, 2005, 450, 372-380.	2.8	25
117	Nonlinear Modeling of the Dynamic Effects of Arterial Pressure and<tex>$rm CO_2$</tex>Variations on Cerebral Blood Flow in Healthy Humans. IEEE Transactions on Biomedical Engineering, 2004, 51, 1932-1943.	4.2	127
118	Nonlinear Modeling of the Dynamic Effects of Arterial Pressure and Blood Gas Variations on Cerebral Blood Flow in Healthy Humans. Advances in Experimental Medicine and Biology, 2004, 551, 259-265.	1.6	17
119	Interaction of Arousal States with Depression of Acute Hypoxic Ventilatory Response by 0.1 MAC Halothane. Advances in Experimental Medicine and Biology, 2004, 551, 227-233.	1.6	2
120	Effect of Pain and Audiovisual Stimulation on the Depression of Acute Hypoxic Ventilatory Response by Low-dose Halothane in Humans. Anesthesiology, 2004, 101, 1409-1416.	2.5	34
121	Variability in End-Tidal PCO2 and Blood Gas Values in Humans. Experimental Physiology, 2003, 88, 603-610.	2.0	15
122	The Respiratory Response to Carbon Dioxide in Humans with Unilateral and Bilateral Resections of the Carotid Bodies. Journal of Physiology, 2003, 549, 965-973.	2.9	51
123	A Learned Component of the Ventilatory Response to Exercise in Man. Journal of Physiology, 2003, 553, 967-974.	2.9	35
124	Relation between acute hypoxia and activation of coagulation in human beings. Lancet, The, 2003, 361, 2207-2208.	13.7	82
125	Selected Contribution: Acute and sustained ventilatory responses to hypoxia in high-altitude natives living at sea level. Journal of Applied Physiology, 2003, 94, 1255-1262.	2.5	31
126	Release by hypoxia of a soluble vasoconstrictor from rabbit small pulmonary arteries. British Journal of Anaesthesia, 2003, 91, 592-594.	3.4	6

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127	Total Oxygen Uptake with Two Maximal Breathing Techniques and the Tidal Volume Breathing Technique. Anesthesiology, 2003, 99, 841-846.	2.5	69
128	Human pulmonary vascular response to 4 h of hypercapnia and hypocapnia measured using Doppler echocardiography. Journal of Applied Physiology, 2003, 94, 1543-1551.	2.5	152
129	Selected Contribution: Ventilatory response to CO2 in high-altitude natives and patients with chronic mountain sickness. Journal of Applied Physiology, 2003, 94, 1279-1287.	2.5	24
130	Selected Contribution: High-altitude natives living at sea level acclimatize to high altitude like sea-level natives. Journal of Applied Physiology, 2003, 94, 1263-1268.	2.5	7
131	Respiratory effects in humans of a 5-day elevation of end-tidal PCO2 by 8 Torr. Journal of Applied Physiology, 2003, 95, 1947-1954.	2.5	15
132	Selected Contribution: Peripheral chemoreflex function in high-altitude natives and patients with chronic mountain sickness. Journal of Applied Physiology, 2003, 94, 1269-1278.	2.5	31
133	Desferrioxamine elevates pulmonary vascular resistance in humans: potential for involvement of HIF-1. Journal of Applied Physiology, 2002, 92, 2501-2507.	2.5	64
134	Changes in Cerebral Blood Flow During and After 48 H of Both Isocapnic and Poikilocapnic Hypoxia in Humans. Experimental Physiology, 2002, 87, 633-642.	2.0	45
135	The IUPS human physiome project. Pflugers Archiv European Journal of Physiology, 2002, 445, 1-9.	2.8	159
136	Long-Haul Flights May Induce Respiratory Changes Similar to Ventilatory Acclimatisation to Altitude. Advances in Experimental Medicine and Biology, 2001, 499, 321-323.	1.6	2
137	Respiratory Effects of Breathing High Oxygen During Incremental Exercise in Humans. Advances in Experimental Medicine and Biology, 2001, 499, 331-336.	1.6	5
138	Possible Mechanisms That May Determine the Set Point and Sensitivities of the Chemoreflexes. Advances in Experimental Medicine and Biology, 2001, 499, 237-239.	1.6	1
139	Selected Contribution: Chemoreflex responses to CO2 before and after an 8-h exposure to hypoxia in humans. Journal of Applied Physiology, 2001, 90, 1607-1614.	2.5	23
140	Methods for averaging irregular respiratory flow profiles in awake humans. Journal of Applied Physiology, 2001, 90, 705-712.	2.5	8
141	Respiratory control in humans after 8 h of lowered arterial P<scp>o</scp> ₂, hemodilution, or carboxyhemoglobinemia. Journal of Applied Physiology, 2001, 90, 1189-1195.	2.5	18
142	Very mild exposure to hypoxia for 8 h can induce ventilatory acclimatization in humans. Pflugers Archiv European Journal of Physiology, 2001, 441, 840-843.	2.8	24
143	Effects of 8 h of Isocapnic Hypoxia with and without Muscarinic Blockade on Ventilation and Heart Rate in Humans. Experimental Physiology, 2001, 86, 529-538.	2.0	9
144	Is ventilatory acclimatization to hypoxia a phenomenon that arises through mechanisms that have an intrinsic role in the regulation of ventilation at sea level?. Advances in Experimental Medicine and Biology, 2001, 502, 339-348.	1.6	2

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145	Cardiovascular Effects of 8 h of Isocapnic Hypoxia with and without Beta-Blockade in Humans. Experimental Physiology, 2000, 85, 557-565.	2.0	3
146	Peripheral chemoreflex function in hyperoxia following ventilatory acclimatization to altitude. Journal of Applied Physiology, 2000, 89, 291-296.	2.5	10
147	Effects of desferrioxamine on serum erythropoietin and ventilatory sensitivity to hypoxia in humans. Journal of Applied Physiology, 2000, 89, 680-686.	2.5	63
148	Methodological and physiological variability within the ventilatory response to hypoxia in humans. Journal of Applied Physiology, 2000, 88, 1924-1932.	2.5	57
149	Changes in respiratory control in humans induced by 8 h of hyperoxia. Journal of Applied Physiology, 2000, 89, 655-662.	2.5	22
150	Cardiovascular effects of 8 h of isocapnic hypoxia with and without beta-blockade in humans. Experimental Physiology, 2000, 85, 557-565.	2.0	1
151	Ventilatory effects of 8 h of isocapnic hypoxia with and without Î²-blockade in humans. Journal of Applied Physiology, 1999, 86, 1897-1904.	2.5	11
152	Effects of dopamine and domperidone on ventilatory sensitivity to hypoxia after 8 h of isocapnic hypoxia. Journal of Applied Physiology, 1999, 86, 222-229.	2.5	91
153	Assessments of flow by transcranial Doppler ultrasound in the middle cerebral artery during exercise in humans. Journal of Applied Physiology, 1999, 86, 1632-1637.	2.5	40
154	Identification of fast and slow ventilatory responses to carbon dioxide under hypoxic and hyperoxic conditions in humans. Journal of Physiology, 1999, 521, 273-287.	2.9	73
155	Effects of somatostatin on the control of breathing in humans. Journal of Physiology, 1999, 521, 289-297.	2.9	10
156	Ventilatory responses to hypercapnia and hypoxia after 6 h passive hyperventilation in humans. Journal of Physiology, 1999, 514, 885-894.	2.9	16
157	Leg blood flow and increased potassium release during exercise in chronic heart failure: Effect of physical training. Journal of Cardiac Failure, 1998, 4, 105-114.	1.7	3
158	Similar hypoxic ventilatory responses in sea-level natives and high-altitude Andean natives living at sea level. Journal of Applied Physiology, 1998, 84, 1024-1029.	2.5	22
159	Fast and slow components of cerebral blood flow response to step decreases in end-tidal P CO 2 in humans. Journal of Applied Physiology, 1998, 85, 388-397.	2.5	85
160	Human ventilatory response to CO2 after 8 h of isocapnic or poikilocapnic hypoxia. Journal of Applied Physiology, 1998, 85, 1922-1928.	2.5	33
161	Human ventilatory response to 8 h of euoxic hypercapnia. Journal of Applied Physiology, 1998, 84, 431-434.	2.5	14
162	Changes in respiratory control during and after 48 h of isocapnic and poikilocapnic hypoxia in humans. Journal of Applied Physiology, 1998, 85, 2125-2134.	2.5	46

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163	Techniques for Assessing the Shape of Respiratory Flow Profiles from Data Containing Marked Breath-By-Breath Respiratory Variability. Advances in Experimental Medicine and Biology, 1998, 450, 93-94.	1.6	0
164	Effect of Heart Failure and Physical Training on the Acute Ventilatory Response to Hypoxia at Rest and during Exercise. Respiration, 1997, 64, 131-137.	2.6	1
165	Evaluation of estimates of alveolar gas exchange by using a tidally ventilated nonhomogenous lung model. Journal of Applied Physiology, 1997, 82, 1963-1971.	2.5	27
166	Effects of haloperidol on ventilation during isocapnic hypoxia in humans. Journal of Applied Physiology, 1997, 83, 1110-1115.	2.5	18
167	Extended models of the ventilatory response to sustained isocapnic hypoxia in humans. Journal of Applied Physiology, 1997, 82, 667-677.	2.5	27
168	Breath-to-breath relationships between respiratory cycle variables in humans at fixed end-tidal P<scp>co</scp> ₂ and P<scp>o</scp> ₂. Journal of Applied Physiology, 1996, 81, 2287-2296.	2.5	7
169	Alveolar P CO 2 and P O 2 of high-altitude natives living at sea level. Journal of Applied Physiology, 1996, 81, 1605-1609.	2.5	14
170	Statistical properties of breath-to-breath variations in ventilation at constant Pet CO2 and Pet O2 in humans. Journal of Applied Physiology, 1996, 81, 2274-2286.	2.5	29
171	Indexes of Flow and Cross-sectional Area of the Middle Cerebral Artery Using Doppler Ultrasound During Hypoxia and Hypercapnia in Humans. Stroke, 1996, 27, 2244-2250.	2.0	159
172	Exercise capacity and skeletal muscle structure and function before and after balloon mitral valvuloplasty. American Journal of Cardiology, 1995, 76, 684-688.	1.6	11
173	A protocol for determining the shape of the ventilatory response to hypoxia in humans. Respiration Physiology, 1995, 101, 139-143.	2.7	24
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