

Keith L Dorrington

List of Publications by Year in descending order

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44
papers

1,184
citations

471371

17
h-index

377752

34
g-index

45
all docs

45
docs citations

45
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Human pulmonary vascular response to 4 h of hypercapnia and hypocapnia measured using Doppler echocardiography. <i>Journal of Applied Physiology</i> , 2003, 94, 1543-1551.	1.2	152
2	The increase in pulmonary arterial pressure caused by hypoxia depends on iron status. <i>Journal of Physiology</i> , 2008, 586, 5999-6005.	1.3	139
3	Two temporal components within the human pulmonary vascular response to $\sim 1/2$ h of isocapnic hypoxia. <i>Journal of Applied Physiology</i> , 2005, 98, 1125-1139.	1.2	117
4	Effects of dopamine and domperidone on ventilatory sensitivity to hypoxia after 8 h of isocapnic hypoxia. <i>Journal of Applied Physiology</i> , 1999, 86, 222-229.	1.2	91
5	Cardiopulmonary function in two human disorders of the hypoxia-inducible factor (HIF) pathway: von Hippel-Lindau disease and HIF-1 gain-of-function mutation. <i>FASEB Journal</i> , 2011, 25, 2001-2011.	0.2	86
6	Clinical iron deficiency disturbs normal human responses to hypoxia. <i>Journal of Clinical Investigation</i> , 2016, 126, 2139-2150.	3.9	82
7	Desferrioxamine elevates pulmonary vascular resistance in humans: potential for involvement of HIF-1. <i>Journal of Applied Physiology</i> , 2002, 92, 2501-2507.	1.2	64
8	Effects of desferrioxamine on serum erythropoietin and ventilatory sensitivity to hypoxia in humans. <i>Journal of Applied Physiology</i> , 2000, 89, 680-686.	1.2	63
9	A cross-sectional study of the prevalence and associations of iron deficiency in a cohort of patients with chronic obstructive pulmonary disease. <i>BMJ Open</i> , 2015, 5, e007911.	0.8	48
10	Extent to which pulmonary vascular responses to P_{aO_2} and P_{aCO_2} play a functional role within the healthy human lung. <i>Journal of Applied Physiology</i> , 2010, 108, 1084-1096.	1.2	29
11	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. <i>Pflugers Archiv European Journal of Physiology</i> , 2005, 450, 372-380.	1.3	25
12	Elevation of iron storage in humans attenuates the pulmonary vascular response to hypoxia. <i>Journal of Applied Physiology</i> , 2016, 121, 537-544.	1.2	23
13	How Do Antihypertensive Drugs Work? Insights from Studies of the Renal Regulation of Arterial Blood Pressure. <i>Frontiers in Physiology</i> , 2016, 7, 320.	1.3	21
14	Contrasting effects of ascorbate and iron on the pulmonary vascular response to hypoxia in humans. <i>Physiological Reports</i> , 2014, 2, e12220.	0.7	20
15	Determinants of ventilation and pulmonary artery pressure during early acclimatization to hypoxia in humans. <i>Journal of Physiology</i> , 2016, 594, 1197-1213.	1.3	19
16	Effects of haloperidol on ventilation during isocapnic hypoxia in humans. <i>Journal of Applied Physiology</i> , 1997, 83, 1110-1115.	1.2	18
17	Respiratory control in humans after 8 h of lowered arterial P_{aO_2} , hemodilution, or carboxyhemoglobinemia. <i>Journal of Applied Physiology</i> , 2001, 90, 1189-1195.	1.2	18
18	Dexamethasone mimics aspects of physiological acclimatization to 8 hours of hypoxia but suppresses plasma erythropoietin. <i>Journal of Applied Physiology</i> , 2013, 114, 948-956.	1.2	18

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19	Variations in Alveolar Partial Pressure for Carbon Dioxide and Oxygen Have Additive Not Synergistic Acute Effects on Human Pulmonary Vasoconstriction. <i>PLoS ONE</i> , 2013, 8, e67886.	1.1	18
20	Exaggerated pulmonary vascular response to acute hypoxia in older men. <i>Experimental Physiology</i> , 2015, 100, 1187-1198.	0.9	17
21	Suppression of plasma hepcidin by venesection during steady-state hypoxia. <i>Blood</i> , 2016, 127, 1206-1207.	0.6	15
22	Commercial Air Travel and In-Flight Pulmonary Hypertension. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 65-67.	0.6	14
23	Ventilatory effects of 8 h of isocapnic hypoxia with and without β^2 -blockade in humans. <i>Journal of Applied Physiology</i> , 1999, 86, 1897-1904.	1.2	11
24	Intravenous iron delivers a sustained (8 weeks) lowering of pulmonary artery pressure during exercise in healthy older humans. <i>Physiological Reports</i> , 2019, 7, e14164.	0.7	11
25	Effects of somatostatin on the control of breathing in humans. <i>Journal of Physiology</i> , 1999, 521, 289-297.	1.3	10
26	Cardiopulmonary phenotype associated with human PHD2 mutation. <i>Physiological Reports</i> , 2017, 5, e13224.	0.7	10
27	Iron bioavailability and cardiopulmonary function during ascent to very high altitude. <i>European Respiratory Journal</i> , 2020, 56, 1902285.	3.1	10
28	Effects of 8 h of Isocapnic Hypoxia with and without Muscarinic Blockade on Ventilation and Heart Rate in Humans. <i>Experimental Physiology</i> , 2001, 86, 529-538.	0.9	9
29	Human hypoxic pulmonary vasoconstriction is unaltered by 8 h of preceding isocapnic hyperoxia. <i>Physiological Reports</i> , 2017, 5, e13396.	0.7	6
30	Abnormal whole-body energy metabolism in iron-deficient humans despite preserved skeletal muscle oxidative phosphorylation. <i>Scientific Reports</i> , 2022, 12, 998.	1.6	6
31	Differential responses to breath-holding, voluntary deep breathing and hypercapnia in left and right dorsal anterior cingulate. <i>Experimental Physiology</i> , 2021, 106, 726-735.	0.9	4
32	Cardiovascular Effects of 8 h of Isocapnic Hypoxia with and without Beta-Blockade in Humans. <i>Experimental Physiology</i> , 2000, 85, 557-565.	0.9	3
33	Unsupported assumption in model of salt-sensitive hypertension. <i>Journal of Physiology</i> , 2013, 591, 2963-2963.	1.3	2
34	Effects of modest iron loading on iron indices in healthy individuals. <i>Journal of Applied Physiology</i> , 2018, 125, 1710-1719.	1.2	2
35	Output, pressure and shunt: misrepresentation of pulmonary haemodynamics. <i>Journal of Physiology</i> , 2015, 593, 481-481.	1.3	1
36	Changes in pulmonary vascular responsiveness to hypoxia. <i>Experimental Physiology</i> , 2017, 102, 1561-1561.	0.9	1

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37	Cardiovascular effects of 8 h of isocapnic hypoxia with and without beta-blockade in humans. <i>Experimental Physiology</i> , 2000, 85, 557-565.	0.9	1
38	Age, sex and arterial pressure: the kidney is essential. <i>Experimental Physiology</i> , 2016, 101, 448-448.	0.9	0
39	Sir George Johnson FRCP (1818-1896), high blood pressure and the continuing altercation about its origins. <i>Experimental Physiology</i> , 2021, 106, 1886-1896.	0.9	0
40	The effect of hydralazine on cardiorespiratory responses to hypoxia may not involve activation of the HIF pathway. <i>FASEB Journal</i> , 2006, 20, LB30.	0.2	0
41	Iron chelation does not potentiate early acclimatisation to sustained hypoxia in humans. <i>FASEB Journal</i> , 2007, 21, A925.	0.2	0
42	Intravenous iron loading inhibits the pulmonary vascular response to hypoxia in humans. <i>FASEB Journal</i> , 2007, 21, A1438.	0.2	0
43	A genetic disease in humans demonstrates the importance of hypoxia-inducible factor in skeletal muscle metabolism. <i>FASEB Journal</i> , 2009, 23, 955.32.	0.2	0
44	The sympathetic chemoreflex response to hypoxia in humans is sensitised by prior exposure to 8 h of isocapnic hypoxia. <i>FASEB Journal</i> , 2009, 23, 1008.14.	0.2	0