

Matthew C Frise

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/275142/publications.pdf>

Version: 2024-02-01

29
papers

482
citations

932766

10
h-index

676716

22
g-index

31
all docs

31
docs citations

31
times ranked

789
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-contact measurement of oxygen saturation with an RGB camera. <i>Biomedical Optics Express</i> , 2015, 6, 3320.	1.5	125
2	Clinical iron deficiency disturbs normal human responses to hypoxia. <i>Journal of Clinical Investigation</i> , 2016, 126, 2139-2150.	3.9	82
3	Intracellular iron deficiency in pulmonary arterial smooth muscle cells induces pulmonary arterial hypertension in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13122-13130.	3.3	63
4	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
5	Iron, oxygen, and the pulmonary circulation. <i>Journal of Applied Physiology</i> , 2015, 119, 1421-1431.	1.2	22
6	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
7	Iron deficiency anaemia in pregnancy: A contemporary review. <i>Obstetric Medicine</i> , 2021, 14, 67-76.	0.5	18
8	Exaggerated pulmonary vascular response to acute hypoxia in older men. <i>Experimental Physiology</i> , 2015, 100, 1187-1198.	0.9	17
9	Intravenous iron and chronic obstructive pulmonary disease: a randomised controlled trial. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000577.	1.2	15
10	Intravenous iron to treat anaemia following critical care: a multicentre feasibility randomised trial. <i>British Journal of Anaesthesia</i> , 2022, 128, 272-282.	1.5	13
11	The pulmonary vasculature â€“ lessons from Tibetans and from rare diseases of oxygen sensing. <i>Experimental Physiology</i> , 2015, 100, 1233-1241.	0.9	12
12	Intravenous iron delivers a sustained (8â€“week) lowering of pulmonary artery pressure during exercise in healthy older humans. <i>Physiological Reports</i> , 2019, 7, e14164.	0.7	11
13	Iron bioavailability and cardiopulmonary function during ascent to very high altitude. <i>European Respiratory Journal</i> , 2020, 56, 1902285.	3.1	10
14	Human hypoxic pulmonary vasoconstriction is unaltered by 8Â“h of preceding isocapnic hyperoxia. <i>Physiological Reports</i> , 2017, 5, e13396.	0.7	6
15	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
16	Non-anemic iron deficiency predicts prolonged hospitalisation following surgical aortic valve replacement: a single-centre retrospective study. <i>Journal of Cardiothoracic Surgery</i> , 2022, 17, .	0.4	6
17	Management of the critically ill obstetric patient. <i>Obstetrics, Gynaecology and Reproductive Medicine</i> , 2012, 22, 241-247.	0.1	2
18	Management of the critically-ill obstetric patient. <i>Obstetrics, Gynaecology and Reproductive Medicine</i> , 2015, 25, 188-194.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Output, pressure and shunt: misrepresentation of pulmonary haemodynamics. <i>Journal of Physiology</i> , 2015, 593, 481-481.	1.3	1
20	Iron Availability and Outcomes in Critical Illness. <i>Critical Care Medicine</i> , 2016, 44, e1011.	0.4	1
21	Life-threatening hyperkalaemia after succinylcholine. <i>Lancet, The</i> , 2020, 395, e9.	6.3	1
22	Successful Use of Argatroban to Treat a Critically Ill Patient with Coagulopathy and Nephropathy Secondary to COVID-19. <i>TH Open</i> , 2020, 04, e400-e402.	0.7	1
23	Age, sex and arterial pressure: the kidney is essential. <i>Experimental Physiology</i> , 2016, 101, 448-448.	0.9	0
24	Upper airway obstruction. , 2017, , 371-377.		0
25	Cardiac arrest precipitated by succinylcholine in a patient with COVID-19. Comment on <i>Br J Anaesth</i> 2020; 125: e255â€“7. <i>British Journal of Anaesthesia</i> , 2020, 125, e336-e337.	1.5	0
26	Sir George Johnson FRCP (1818â€“96), high blood pressure and the continuing altercation about its origins. <i>Experimental Physiology</i> , 2021, 106, 1886-1896.	0.9	0
27	Genomic Applications in Critical Care Medicine. , 2014, , 766-780.		0
28	Disorders of potassium in the critically ill. , 2016, , .		0
29	Lessons of the month 1: Learning from Harvey; improving blood-taking by pointing the needle in the right direction. <i>Clinical Medicine</i> , 2019, 19, 514-518.	0.8	0