

Kyle Ts Pattinson

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

3,801
citations

201385

27
h-index

155451

55
g-index

68
all docs

68
docs citations

68
times ranked

4887
citing authors

#	ARTICLE	IF	CITATIONS
1	Opioids and the control of respiration. <i>British Journal of Anaesthesia</i> , 2008, 100, 747-758.	1.5	646
2	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge. <i>EClinicalMedicine</i> , 2021, 31, 100683.	3.2	435
3	The role of the nitric oxide pathway in brain injury and its treatment “ From bench to bedside. <i>Experimental Neurology</i> , 2015, 263, 235-243.	2.0	287
4	Delayed cerebral ischaemia after subarachnoid haemorrhage: looking beyond vasospasm. <i>British Journal of Anaesthesia</i> , 2012, 109, 315-329.	1.5	268
5	Brainstem functional magnetic resonance imaging: Disentangling signal from physiological noise. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1337-1344.	1.9	170
6	Determination of the human brainstem respiratory control network and its cortical connections in vivo using functional and structural imaging. <i>NeuroImage</i> , 2009, 44, 295-305.	2.1	143
7	Opioids Depress Cortical Centers Responsible for the Volitional Control of Respiration. <i>Journal of Neuroscience</i> , 2009, 29, 8177-8186.	1.7	142
8	Understanding dyspnea as a complex individual experience. <i>Maturitas</i> , 2013, 76, 45-50.	1.0	127
9	Dynamic Forcing of End-Tidal Carbon Dioxide and Oxygen Applied to Functional Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1521-1532.	2.4	114
10	Effect of exercise on cerebral perfusion in humans at high altitude. <i>Journal of Applied Physiology</i> , 2005, 99, 699-706.	1.2	97
11	Dyspnoea and the brain. <i>Respiratory Medicine</i> , 2011, 105, 809-817.	1.3	94
12	Measuring the Effects of Remifentanyl on Cerebral Blood Flow and Arterial Arrival Time Using 3D Grase MRI with Pulsed Arterial Spin Labelling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1514-1522.	2.4	89
13	Dyspnea-Related Cues Engage the Prefrontal Cortex. <i>Chest</i> , 2015, 148, 953-961.	0.4	82
14	Treating breathlessness <i>via</i> the brain: changes in brain activity over a course of pulmonary rehabilitation. <i>European Respiratory Journal</i> , 2017, 50, 1701029.	3.1	82
15	The midbrain periaqueductal gray as an integrative and interoceptive neural structure for breathing. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 135-144.	2.9	78
16	Conditioned respiratory threat in the subdivisions of the human periaqueductal gray. <i>ELife</i> , 2016, 5, .	2.8	66
17	Functional subdivision of the human periaqueductal grey in respiratory control using 7tesla fMRI. <i>NeuroImage</i> , 2015, 113, 356-364.	2.1	64
18	The cortical connectivity of the periaqueductal gray and the conditioned response to the threat of breathlessness. <i>ELife</i> , 2017, 6, .	2.8	62

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19	Pharmacological fMRI: Measuring Opioid Effects on the BOLD Response to Hypercapnia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 414-423.	2.4	58
20	Breathlessness and the brain: the role of expectation. <i>Current Opinion in Supportive and Palliative Care</i> , 2019, 13, 200-210.	0.5	56
21	Sleep disturbance in patients taking opioid medication for chronic back pain. <i>Anaesthesia</i> , 2016, 71, 1296-1307.	1.8	53
22	Anaesthesia and high altitude: a history. <i>Anaesthesia</i> , 2008, 63, 662-670.	1.8	52
23	Opioid suppression of conditioned anticipatory brain responses to breathlessness. <i>NeuroImage</i> , 2017, 150, 383-394.	2.1	52
24	"I can't cope with multiple inputs": a qualitative study of the lived experience of "brain fog" after COVID-19. <i>BMJ Open</i> , 2022, 12, e056366.	0.8	47
25	Breathlessness and the body: Neuroimaging clues for the inferential leap. <i>Cortex</i> , 2017, 95, 211-221.	1.1	44
26	The need to research refractory breathlessness. <i>European Respiratory Journal</i> , 2016, 47, 342-343.	3.1	32
27	The effect of remifentanyl on respiratory variability, evaluated with dynamic modeling. <i>Journal of Applied Physiology</i> , 2009, 106, 1038-1049.	1.2	31
28	Modeling of dynamic cerebrovascular reactivity to spontaneous and externally induced CO2 fluctuations in the human brain using BOLD-fMRI. <i>NeuroImage</i> , 2019, 186, 533-548.	2.1	29
29	Neuroimaging of central breathlessness mechanisms. <i>Current Opinion in Supportive and Palliative Care</i> , 2014, 8, 225-233.	0.5	27
30	Development of a dyspnoea word cue set for studies of emotional processing in COPD. <i>Respiratory Physiology and Neurobiology</i> , 2016, 223, 37-42.	0.7	25
31	The Filter Detection Task for measurement of breathing-related interoception and metacognition. <i>Biological Psychology</i> , 2021, 165, 108185.	1.1	23
32	Opioids for breathlessness: psychological and neural factors influencing response variability. <i>European Respiratory Journal</i> , 2019, 54, 1900275.	3.1	20
33	The effects of altered intrathoracic pressure on resting cerebral blood flow and its response to visual stimulation. <i>NeuroImage</i> , 2013, 66, 479-488.	2.1	19
34	Chronic breathlessness: re-thinking the symptom. <i>European Respiratory Journal</i> , 2018, 51, 1702238.	3.1	17
35	Cortical processing of breathing perceptions in the athletic brain. <i>NeuroImage</i> , 2018, 179, 92-101.	2.1	17
36	Dyspnea as a side effect of subthalamic nucleus deep brain stimulation for Parkinson's disease. <i>Respiratory Physiology and Neurobiology</i> , 2014, 192, 128-133.	0.7	15

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37	Functional brain imaging in respiratory medicine. <i>Thorax</i> , 2015, 70, 598-600.	2.7	15
38	Subjective evaluation of experimental dyspnoea – Effects of isocapnia and repeated exposure. <i>Respiratory Physiology and Neurobiology</i> , 2015, 208, 21-28.	0.7	14
39	Calcium channel blockade with nimodipine reverses MRI evidence of cerebral oedema following acute hypoxia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 285-301.	2.4	13
40	Pre-operative optimisation for chronic obstructive pulmonary disease: a narrative review. <i>Anaesthesia</i> , 2021, 76, 681-694.	1.8	13
41	Functional magnetic resonance imaging in anaesthesia research. <i>British Journal of Anaesthesia</i> , 2013, 111, 872-876.	1.5	9
42	Potential Role for TCD-Directed Antiplatelet Agents in Symptomatic Carotid Artery Dissection. <i>Stroke</i> , 2006, 37, 767-767.	1.0	8
43	Dissociating breathlessness symptoms from mood in asthma. <i>Biological Psychology</i> , 2021, 165, 108193.	1.1	8
44	Effect of nitrite on the electroencephalographic activity in the healthy brain. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 90, 47-54.	1.2	7
45	Measurement of relative cerebral blood volume using BOLD contrast and mild hypoxic hypoxia. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1129-1134.	1.0	6
46	A wider pathological network underlying breathlessness and respiratory failure in amyotrophic lateral sclerosis. <i>European Respiratory Journal</i> , 2016, 47, 1632-1634.	3.1	6
47	A common model for the breathlessness experience across cardiorespiratory disease. <i>ERJ Open Research</i> , 2021, 7, 00818-2020.	1.1	6
48	Findings of a feasibility study of pre-operative pulmonary rehabilitation to reduce post-operative pulmonary complications in people with chronic obstructive pulmonary disease scheduled for major abdominal surgery. <i>F1000Research</i> , 2020, 9, 172.	0.8	5
49	Evaluation of a non-invasive method of assessing opioid induced respiratory depression. <i>Anaesthesia</i> , 2005, 60, 426-432.	1.8	4
50	Investigating the specificity of the neurologic pain signature against breathlessness and finger opposition. <i>Pain</i> , 2021, 162, 2933-2944.	2.0	4
51	Mechanisms of breathlessness. , 0, , 111-133.		4
52	Baseline Psychological Traits Contribute to Lake Louise Acute Mountain Sickness Score at High Altitude. <i>High Altitude Medicine and Biology</i> , 2022, 23, 69-77.	0.5	4
53	Delayed Cerebral Ischaemia After Subarachnoid Haemorrhage. <i>Survey of Anesthesiology</i> , 2013, 57, 119-120.	0.1	3
54	Sertraline or placebo in chronic breathlessness? Lessons from placebo research. <i>European Respiratory Journal</i> , 2019, 53, 1802225.	3.1	3

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55	Debating pharmacological options for dyspnoea relief; the need for full, accurate and balanced critical appraisal of the evidence. <i>Pulmonology</i> , 2019, 25, 355-356.	1.0	2
56	Phase dynamics of cerebral blood flow in subarachnoid haemorrhage in response to sodium nitrite infusion. <i>Nitric Oxide - Biology and Chemistry</i> , 2021, 106, 55-65.	1.2	2
57	Transcranial Doppler and Carotid Artery Disease Strokes: More Than Just Risk Stratification. <i>Stroke</i> , 2005, 36, 2340-2341.	1.0	0
58	Maternal satisfaction with computer integrated patient controlled epidural analgesia. <i>Anaesthesia</i> , 2006, 61, 811-812.	1.8	0
59	31. The PAG in Conditioned Respiratory Threat, Relevance for Anxiety Disorders. <i>Biological Psychiatry</i> , 2018, 83, S12-S13.	0.7	0