

Michael John Parkes

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

649
citations

623734

14
h-index

580821

25
g-index

40
all docs

40
docs citations

40
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Shortening the preparation time of the single prolonged breath-hold for radiotherapy sessions. British Journal of Radiology, 2022, 95, 20210408.	2.2	2
2	Quantifying the reduction of respiratory motion by mechanical ventilation with MRI for radiotherapy. Radiation Oncology, 2022, 17, .	2.7	4
3	Safely achieving single prolonged breath-holds of > 5 minutes for radiotherapy in the prone, front crawl position. British Journal of Radiology, 2021, 94, 20210079.	2.2	6
4	Time to elaborate on some of Scholander's ideas: Does even a rudimentary form of the response of diving mammals exist in humans?. History and Philosophy of the Life Sciences, 2019, 41, 32.	1.1	1
5	The feasibility, safety and optimization of multiple prolonged breath-holds for radiotherapy. Radiotherapy and Oncology, 2019, 141, 296-303.	0.6	17
6	Comment on Eckberg et al. 2016. Journal of Physiology, 2018, 596, 1307-1307.	2.9	0
7	Correction to Tsuji et al.. Journal of Applied Physiology, 2018, 124, 1212-1212.	2.5	2
8	Reappraisal of systemic venous chemoreceptors: might they explain the matching of breathing to metabolic rate in humans?. Experimental Physiology, 2017, 102, 1567-1583.	2.0	6
9	PO-0882: Abdominal organ motion during breath-hold measured in volunteers on MRI: inhale and exhale compared. Radiotherapy and Oncology, 2016, 119, S422-S423.	0.6	1
10	In Regard to Boda-Heggemann et al. International Journal of Radiation Oncology Biology Physics, 2016, 96, 709-710.	0.8	3
11	Assessing and ensuring patient safety during breath-holding for radiotherapy. British Journal of Radiology, 2014, 87, 20140454.	2.2	25
12	Evaluating the Importance of the Carotid Chemoreceptors in Controlling Breathing during Exercise in Man. BioMed Research International, 2013, 2013, 1-18.	1.9	10
13	Has intrathecal fentanyl no effects during arm exercise?. Journal of Applied Physiology, 2011, 110, 860-860.	2.5	0
14	Can baroreflex measurements with spontaneous sequence analysis be improved by also measuring breathing and by standardization of filtering strategies?. Physiological Measurement, 2011, 32, 1193-1212.	2.1	5
15	Breath-holding and its breakpoint. Experimental Physiology, 2006, 91, 1-15.	2.0	139
16	Evaluation of a non-invasive method of assessing opioid induced respiratory depression. Anaesthesia, 2005, 60, 426-432.	3.8	4
17	Hypocapnia reduces the T wave of the electrocardiogram in normal human subjects. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R148-R155.	1.8	17
18	Contribution of the respiratory rhythm to sinus arrhythmia in normal unanesthetized subjects during positive-pressure mechanical hyperventilation. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H402-H411.	3.2	23

#	ARTICLE	IF	CITATIONS
19	CO2-dependent components of sinus arrhythmia from the start of breath holding in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H841-H848.	3.2	25
20	A Respiratory Drive in Addition to the Increase in Co2 Production at Raised Body Temperature in Rats. Experimental Physiology, 2000, 85, 309-319.	2.0	8
21	The Preoptic Area in the Hypothalamus is the Source of the Additional Respiratory Drive at Raised Body Temperature in Anaesthetised Rats. Experimental Physiology, 2000, 85, 527-537.	2.0	23
22	A respiratory drive in addition to the increase in CO2 production at raised body temperature in rats. Experimental Physiology, 2000, 85, 309-319.	2.0	6
23	The preoptic area in the hypothalamus is the source of the additional respiratory drive at raised body temperature in anaesthetised rats. Experimental Physiology, 2000, 85, 527-537.	2.0	15
24	Apneic threshold for CO2 in the anesthetized rat: fundamental properties under steady-state conditions. Journal of Applied Physiology, 1998, 85, 898-907.	2.5	34
25	Cardiovascular and respiratory effects of stimulation of cell bodies of the parabrachial nuclei in the anaesthetized rat.. Journal of Physiology, 1994, 477, 321-329.	2.9	109
26	Responses of ventral respiratory neurones in the rat to vagus stimulation and the functional division of expiration. Journal of Physiology, 1994, 476, 131-9.	2.9	12
27	Measurement of Behavioral Changes in the Fetus Caused by Vibroacoustic Stimulation. Methods in Neurosciences, 1993, 14, 243-256.	0.5	0
28	Mimicking low amniotic pressure by chronic pharyngeal drainage does not impair lung development in fetal sheep. American Journal of Obstetrics and Gynecology, 1992, 166, 991-996.	1.3	6
29	Fetal behavioural states: sleep and wakefulness?. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 1992, 44, 231-44.	2.8	1
30	Behavioral changes in fetal sheep caused by vibroacoustic stimulation: The effects of cochlear ablation. American Journal of Obstetrics and Gynecology, 1991, 164, 1336-1343.	1.3	22
31	Amnioinfusion increases amniotic pressure in pregnant sheep but does not alter fetal acid-base status. American Journal of Obstetrics and Gynecology, 1991, 165, 1459-1463.	1.3	12
32	Fetal breathing during chronic lung liquid loss leading to pulmonary hypoplasia. Early Human Development, 1991, 27, 53-63.	1.8	5
33	Vibroacoustic stimulation is not associated with sudden fetal catecholamine release. Early Human Development, 1991, 25, 11-17.	1.8	13
34	Stimulation of breathing movements by 5-HT in fetal sheep during normoxia and hypoxia.. Journal of Physiology, 1988, 404, 575-589.	2.9	14
35	Effects of pilocarpine on breathing movements in normal, chemodenervated and brain stem-transected fetal sheep.. Journal of Physiology, 1988, 400, 415-424.	2.9	13
36	Anaesthesia in the pregnant guinea pig. Veterinary Record, 1987, 121, 512-514.	0.3	4

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37	Lack of growth hormone-dependent somatomedins or growth retardation in hypophysectomized fetal lambs. <i>Journal of Endocrinology</i> , 1985, 104, 193-199.	2.6	32
38	Antagonism by growth hormone of insulin action in fetal sheep. <i>Journal of Endocrinology</i> , 1985, 105, 379-382.	2.6	20
39	The partial association of uterine contractions with changes in electrocortical activity, breathing, and PaO ₂ , in the fetal lamb: Effects of brain stem section. <i>American Journal of Obstetrics and Gynecology</i> , 1985, 152, 905-910.	1.3	10