

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	Breath-holding and its breakpoint. <i>Experimental Physiology</i> , 2006, 91, 1-15.	2.0	139
2	Cardiovascular and respiratory effects of stimulation of cell bodies of the parabrachial nuclei in the anaesthetized rat.. <i>Journal of Physiology</i> , 1994, 477, 321-329.	2.9	109
3	Apneic threshold for CO ₂ in the anesthetized rat: fundamental properties under steady-state conditions. <i>Journal of Applied Physiology</i> , 1998, 85, 898-907.	2.5	34
4	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
5	CO ₂ -dependent components of sinus arrhythmia from the start of breath holding in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H841-H848.	3.2	25
6	Assessing and ensuring patient safety during breath-holding for radiotherapy. <i>British Journal of Radiology</i> , 2014, 87, 20140454.	2.2	25
7	The Preoptic Area in the Hypothalamus is the Source of the Additional Respiratory Drive at Raised Body Temperature in Anaesthetised Rats. <i>Experimental Physiology</i> , 2000, 85, 527-537.	2.0	23
8	Contribution of the respiratory rhythm to sinus arrhythmia in normal unanesthetized subjects during positive-pressure mechanical hyperventilation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H402-H411.	3.2	23
9	Behavioral changes in fetal sheep caused by vibroacoustic stimulation: The effects of cochlear ablation. <i>American Journal of Obstetrics and Gynecology</i> , 1991, 164, 1336-1343.	1.3	22
10	Antagonism by growth hormone of insulin action in fetal sheep. <i>Journal of Endocrinology</i> , 1985, 105, 379-382.	2.6	20
11	Hypocapnia reduces the T wave of the electrocardiogram in normal human subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R148-R155.	1.8	17
12	The feasibility, safety and optimization of multiple prolonged breath-holds for radiotherapy. <i>Radiotherapy and Oncology</i> , 2019, 141, 296-303.	0.6	17
13	The preoptic area in the hypothalamus is the source of the additional respiratory drive at raised body temperature in anaesthetised rats. <i>Experimental Physiology</i> , 2000, 85, 527-537.	2.0	15
14	Stimulation of breathing movements by 5-HT in fetal sheep during normoxia and hypoxia.. <i>Journal of Physiology</i> , 1988, 404, 575-589.	2.9	14
15	Effects of pilocarpine on breathing movements in normal, chemodenervated and brain stem-transected fetal sheep.. <i>Journal of Physiology</i> , 1988, 400, 415-424.	2.9	13
16	Vibroacoustic stimulation is not associated with sudden fetal catecholamine release. <i>Early Human Development</i> , 1991, 25, 11-17.	1.8	13
17	Amniocentesis increases amniotic pressure in pregnant sheep but does not alter fetal acid-base status. <i>American Journal of Obstetrics and Gynecology</i> , 1991, 165, 1459-1463.	1.3	12
18	Responses of ventral respiratory neurones in the rat to vagus stimulation and the functional division of expiration. <i>Journal of Physiology</i> , 1994, 476, 131-9.	2.9	12

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19	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
20	Evaluating the Importance of the Carotid Chemoreceptors in Controlling Breathing during Exercise in Man. <i>BioMed Research International</i> , 2013, 2013, 1-18.	1.9	10
21	A Respiratory Drive in Addition to the Increase in Co ₂ Production at Raised Body Temperature in Rats. <i>Experimental Physiology</i> , 2000, 85, 309-319.	2.0	8
22	Mimicking low amniotic pressure by chronic pharyngeal drainage does not impair lung development in fetal sheep. <i>American Journal of Obstetrics and Gynecology</i> , 1992, 166, 991-996.	1.3	6
23	Reappraisal of systemic venous chemoreceptors: might they explain the matching of breathing to metabolic rate in humans?. <i>Experimental Physiology</i> , 2017, 102, 1567-1583.	2.0	6
24	Safely achieving single prolonged breath-holds of > 5 minutes for radiotherapy in the prone, front crawl position. <i>British Journal of Radiology</i> , 2021, 94, 20210079.	2.2	6
25	A respiratory drive in addition to the increase in CO ₂ production at raised body temperature in rats. <i>Experimental Physiology</i> , 2000, 85, 309-319.	2.0	6
26	Fetal breathing during chronic lung liquid loss leading to pulmonary hypoplasia. <i>Early Human Development</i> , 1991, 27, 53-63.	1.8	5
27	Can baroreflex measurements with spontaneous sequence analysis be improved by also measuring breathing and by standardization of filtering strategies?. <i>Physiological Measurement</i> , 2011, 32, 1193-1212.	2.1	5
28	Evaluation of a non-invasive method of assessing opioid induced respiratory depression. <i>Anaesthesia</i> , 2005, 60, 426-432.	3.8	4
29	Anaesthesia in the pregnant guinea pig. <i>Veterinary Record</i> , 1987, 121, 512-514.	0.3	4
30	Quantifying the reduction of respiratory motion by mechanical ventilation with MRI for radiotherapy. <i>Radiation Oncology</i> , 2022, 17, .	2.7	4
31	In Regard to Boda-Heggemann et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 709-710.	0.8	3
32	Correction to Tsuji et al.. <i>Journal of Applied Physiology</i> , 2018, 124, 1212-1212.	2.5	2
33	Shortening the preparation time of the single prolonged breath-hold for radiotherapy sessions. <i>British Journal of Radiology</i> , 2022, 95, 20210408.	2.2	2
34	PO-0882: Abdominal organ motion during breath-hold measured in volunteers on MRI: inhale and exhale compared. <i>Radiotherapy and Oncology</i> , 2016, 119, S422-S423.	0.6	1
35	Time to elaborate on some of Scholander's ideas: Does even a rudimentary form of the response of diving mammals exist in humans?. <i>History and Philosophy of the Life Sciences</i> , 2019, 41, 32.	1.1	1
36	Fetal behavioural states: sleep and wakefulness?. <i>Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology</i> , 1992, 44, 231-44.	2.8	1

#	ARTICLE	IF	CITATIONS
37	Has intrathecal fentanyl no effects during arm exercise?. Journal of Applied Physiology, 2011, 110, 860-860.	2.5	0
38	Comment on Eckberg <i>et al</i> . 2016. Journal of Physiology, 2018, 596, 1307-1307.	2.9	0
39	Measurement of Behavioral Changes in the Fetus Caused by Vibroacoustic Stimulation. Methods in Neurosciences, 1993, 14, 243-256.	0.5	0