Ken D O'halloran

List of Publications by Year
in descending order

200	2,280	279798	302126
papers	citations	23 h-index	39 g-index

201	201	201	2212
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prenatal stress-induced alterations in major physiological systems correlate with gut microbiota composition in adulthood. Psychoneuroendocrinology, 2015, 60, 58-74.	2.7	224
2	Carotid body dopaminergic mechanisms are functional after acclimatization to hypoxia in goats. Respiration Physiology, 1998, 111, 25-32.	2.7	91
3	Does episodic hypoxia affect upper airway dilator muscle function? Implications for the pathophysiology of obstructive sleep apnoea. Respiratory Physiology and Neurobiology, 2005, 147, 223-234.	1.6	74
4	Microbiota and sleep: awakening the gut feeling. Trends in Molecular Medicine, 2021, 27, 935-945.	6.7	65
5	Modulation of enteric neurons by interleukinâ€6 and corticotropinâ€releasing factor contributes to visceral hypersensitivity and altered colonic motility in a rat model of irritable bowel syndrome. Journal of Physiology, 2014, 592, 5235-5250.	2.9	64
6	Chronic intermittent hypoxia disrupts cardiorespiratory homeostasis and gut microbiota composition in adult male guinea-pigs. EBioMedicine, 2018, 38, 191-205.	6.1	61
7	Effects of partial nerve injury on the responses of C-fiber polymodal nociceptors to adrenergic agonists. Brain Research, 1997, 759, 233-240.	2.2	55
8	Tempol Ameliorates Pharyngeal Dilator Muscle Dysfunction in a Rodent Model of Chronic Intermittent Hypoxia. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 139-148.	2.9	50
9	Chronic hypoxia increases rat diaphragm muscle endurance and sodium-potassium ATPase pump content. European Respiratory Journal, 2011, 37, 1474-1481.	6.7	44
10	Oxidative Stress Impairs Upper Airway Muscle Endurance in an Animal Model of Sleep-Disordered Breathing. Advances in Experimental Medicine and Biology, 2008, 605, 458-462.	1.6	43
11	Reactive oxygen species mediated diaphragm fatigue in a rat model of chronic intermittent hypoxia. Experimental Physiology, 2014, 99, 688-700.	2.0	43
12	Effects of prolyl-hydroxylase inhibition and chronic intermittent hypoxia on synaptic transmission and plasticity in the rat CA1 and dentate gyrus. Neurobiology of Disease, 2014, 62, 8-17.	4.4	39
13	Chronic Intermittent Asphyxia Impairs Rat Upper Airway Muscle Responses to Acute Hypoxia and Asphyxia. Chest, 2002, 122, 269-275.	0.8	37
14	Renal reactivity: acidâ€base compensation during incremental ascent to high altitude. Journal of Physiology, 2018, 596, 6191-6203.	2.9	37
15	Manipulation of gut microbiota blunts the ventilatory response to hypercapnia in adult rats. EBioMedicine, 2019, 44, 618-638.	6.1	37
16	Plasma <scp>IL</scp>â€8 signature correlates with pain and depressive symptomatology in patients with burning mouth syndrome: Results from a pilot study. Journal of Oral Pathology and Medicine, 2018, 47, 158-165.	2.7	33
17	Sensorimotor control of breathing in the mdx mouse model of Duchenne muscular dystrophy. Journal of Physiology, 2017, 595, 6653-6672.	2.9	31
18	Increased cardiac output contributes to the development of chronic intermittent hypoxiaâ€induced hypertension. Experimental Physiology, 2014, 99, 1312-1324.	2.0	30

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19	Superoxide Scavengers Improve Rat Pharyngeal Dilator Muscle Performance. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 725-731.	2.9	27
20	A Randomized Controlled Trial of End-Tidal Carbon Dioxide Detection of Preterm Infants in the Delivery Room. Journal of Pediatrics, 2017, 182, 74-78.e2.	1.8	26
21	Impact of Exercise on Innate Immunity in Multiple Sclerosis Progression and Symptomatology. Frontiers in Physiology, 2016, 7, 194.	2.8	25
22	Redox Remodeling Is Pivotal in Murine Diaphragm Muscle Adaptation to Chronic Sustained Hypoxia. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 12-23.	2.9	25
23	Effects of chronic hypobaric hypoxia on contractile properties of rat sternohyoid and diaphragm muscles. Clinical and Experimental Pharmacology and Physiology, 2003, 30, 551-554.	1.9	24
24	Diaphragm Muscle Remodeling in a Rat Model of Chronic Intermittent Hypoxia. Journal of Histochemistry and Cytochemistry, 2013, 61, 487-499.	2.5	24
25	Chronic Intermittent Hypoxia Increases Apnoea Index in Sleeping Rats. Advances in Experimental Medicine and Biology, 2012, 758, 359-363.	1.6	23
26	N-acetylcysteine Decreases Fibrosis and Increases Force-Generating Capacity of mdx Diaphragm. Antioxidants, 2019, 8, 581.	5.1	23
27	Ventilatory and upper-airway resistance responses to upper-airway cooling and CO2 in anaesthetised rats. Pflugers Archiv European Journal of Physiology, 1994, 429, 262-266.	2.8	22
28	Effects of Fractional Inspired Oxygen on Cerebral Oxygenation in PretermÂInfants following Delivery. Journal of Pediatrics, 2015, 167, 1007-1012.e1.	1.8	22
29	Diaphragm plasticity in aging and disease: therapies for muscle weakness go from strength to strength. Journal of Applied Physiology, 2018, 125, 243-253.	2.5	22
30	Chronic sustained hypoxia-induced redox remodeling causes contractile dysfunction in mouse sternohyoid muscle. Frontiers in Physiology, 2015, 6, 122.	2.8	21
31	Chronic intermittent hypoxia increases rat sternohyoid muscle NADPH oxidase expression with attendant modest oxidative stress. Frontiers in Physiology, 2015, 6, 15.	2.8	21
32	Sex, stress and sleep apnoea: Decreased susceptibility to upper airway muscle dysfunction following intermittent hypoxia in females. Respiratory Physiology and Neurobiology, 2017, 245, 76-82.	1.6	21
33	Impact of short-term cycle ergometer training on quality of life, cognition and depressive symptomatology in multiple sclerosis patients: a pilot study. Neurological Sciences, 2018, 39, 461-469.	1.9	21
34	Effects of nicotine on rat sternohyoid muscle contractile properties. Respiratory Physiology and Neurobiology, 2006, 150, 200-210.	1.6	20
35	Chronic intermittent hypoxia creates the perfect storm with calamitous consequences for respiratory control.. Respiratory Physiology and Neurobiology, 2016, 226, 63-67.	1.6	20
36	Recovery of respiratory function in mdx mice coâ€treated with neutralizing interleukinâ€6 receptor antibodies and urocortinâ€2. Journal of Physiology, 2018, 596, 5175-5197.	2.9	20

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37	Tempol Supplementation Restores Diaphragm Force and Metabolic Enzyme Activities in mdx Mice. Antioxidants, 2017, 6, 101.	5.1	19
38	Inspiratory pressureâ€generating capacity is preserved during ventilatory and nonâ€ventilatory behaviours in young dystrophic mdx mice despite profound diaphragm muscle weakness. Journal of Physiology, 2019, 597, 831-848.	2.9	19
39	Respiratory plasticity in response to changes in oxygen supply and demand. Integrative and Comparative Biology, 2007, 47, 532-551.	2.0	18
40	Bugs, breathing and blood pressure: microbiotaâ€“gutâ€“brain axis signalling in cardiorespiratory control in health and disease. Journal of Physiology, 2020, 598, 4159-4179.	2.9	18
41	Comparison of the contractile properties, oxidative capacities and fibre type profiles of the voluntary sphincters of continence in the rat. Journal of Anatomy, 2010, 217, 187-195.	1.5	17
42	Effects of sustained hypoxia on sternohyoid and diaphragm muscle during development. European Respiratory Journal, 2014, 43, 1149-1158.	6.7	17
43	Diaphragm Muscle Adaptation to Sustained Hypoxia: Lessons from Animal Models with Relevance to High Altitude and Chronic Respiratory Diseases. Frontiers in Physiology, 2016, 7, 623.	2.8	17
44	Renal Physiological Adaptation to High Altitude: A Systematic Review. Frontiers in Physiology, 2020, 11, 756.	2.8	17
45	Effect of upper airway cooling and CO₂ on diaphragm and geniohyoid muscle activity in the rat. European Respiratory Journal, 1996, 9, 2323-2327.	6.7	16
46	Methysergide augments the acute, but not the sustained, hypoxic ventilatory response in goats. Respiration Physiology, 1999, 118, 25-37.	2.7	16
47	Evidence of hypoxic tolerance in weak upper airway muscle from young mdx mice. Respiratory Physiology and Neurobiology, 2016, 226, 68-75.	1.6	16
48	Delivery room end tidal CO₂monitoring in preterm infants <32â€…weeks. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, 62-65.	2.8	16
49	Prebiotic administration modulates gut microbiota and faecal short-chain fatty acid concentrations but does not prevent chronic intermittent hypoxia-induced apnoea and hypertension in adult rats. EBioMedicine, 2020, 59, 102968.	6.1	16
50	Early life exposure to chronic intermittent hypoxia causes upper airway dilator muscle weakness, which persists into young adulthood. Experimental Physiology, 2015, 100, 947-966.	2.0	15
51	Respiratory control and sternohyoid muscle structure and function in aged male rats: Decreased susceptibility to chronic intermittent hypoxia. Respiratory Physiology and Neurobiology, 2012, 180, 175-182.	1.6	14
52	Respiratory Control in the mdx Mouse Model of Duchenne Muscular Dystrophy. Advances in Experimental Medicine and Biology, 2015, 860, 239-244.	1.6	14
53	In vivo neutralization of <scp>IL</scp>â€6 receptors ameliorates gastrointestinal dysfunction in dystrophinâ€deficient mdx mice. Neurogastroenterology and Motility, 2016, 28, 1016-1026.	3.0	14
54	Is Aberrant Reno-Renal Reflex Control of Blood Pressure a Contributor to Chronic Intermittent Hypoxia-Induced Hypertension?. Frontiers in Physiology, 2019, 10, 465.	2.8	14

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55	Renal cortical oxygen tension is decreased following exposure to long-term but not short-term intermittent hypoxia in the rat. American Journal of Physiology - Renal Physiology, 2019, 316, F635-F645.	2.7	14
56	Influence of cervical sympathetic nerves on ventilation and upper airway resistance in the rat. European Respiratory Journal, 1998, 12, 177-184.	6.7	13
57	Respiratory-related pharyngeal constrictor muscle activity in awake goats. Respiration Physiology, 1999, 116, 9-23.	2.7	13
58	Intermittent Hypoxia Impairs Pharyngeal Dilator Muscle Function in Male But Not Female Rats. Advances in Experimental Medicine and Biology, 2010, 669, 285-287.	1.6	13
59	Plasma Nâ€acylethanolamine and endocannabinoid levels in burning mouth syndrome: Potential role in disease pathogenesis. Journal of Oral Pathology and Medicine, 2018, 47, 440-442.	2.7	13
60	Neurovascular Coupling Remains Intact During Incremental Ascent to High Altitude (4240 m) in Acclimatized Healthy Volunteers. Frontiers in Physiology, 2018, 9, 1691.	2.8	13
61	Effects of superior laryngeal nerve section on ventilation in neonatal guinea-pigs. Respiration Physiology, 1995, 101, 23-29.	2.7	12
62	Diaphragm muscle weakness and increased UCP-3 gene expression following acute hypoxic stress in the mouse. Respiratory Physiology and Neurobiology, 2016, 226, 76-80.	1.6	12
63	Time course and magnitude of ventilatory and renal acid-base acclimatization following rapid ascent to and residence at 3,800 m over nine days. Journal of Applied Physiology, 2021, 130, 1705-1715.	2.5	12
64	Effect of Almitrine on Ventilation and on Diaphragm and Geniohyoid Muscle Activity in the Rat. Clinical Science, 1996, 91, 337-345.	4.3	11
65	Clonidine induces upper airway closure in awake goats. Respiration Physiology, 2000, 123, 165-176.	2.7	11
66	Structural and Functional Properties of an Upper Airway Dilator Muscle in Aged Obese Male Rats. Respiration, 2011, 82, 539-549.	2.6	11
67	Restoration of pharyngeal dilator muscle force in dystrophinâ€deficient (mdx) mice following coâ€treatment with neutralizing interleukinâ€6 receptor antibodies and urocortin 2. Experimental Physiology, 2017, 102, 1177-1193.	2.0	11
68	Diaphragm Muscle Weakness Following Acute Sustained Hypoxic Stress in the Mouse Is Prevented by Pretreatment with N-Acetyl Cysteine. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-19.	4.0	11
69	Upper Airway Dilator Muscle Weakness Following Intermittent and Sustained Hypoxia in the Rat: Effects of a Superoxide Scavenger. Physiological Research, 2013, 62, 187-196.	0.9	11
70	Upper airway cooling reduces upper airway resistance in anaesthetized young guinea-pigs. European Respiratory Journal, 1998, 11, 1257-1262.	6.7	10
71	Effect of 8-OH DPAT and ketanserin on the ventilatory acclimatization to hypoxia in awake goats. Respiration Physiology, 2001, 124, 95-104.	2.7	10
72	The effect of pro-inflammatory cytokines on the discharge rate of vagal nerve paraganglia in the rat. Respiratory Physiology and Neurobiology, 2010, 171, 122-127.	1.6	10

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73	Chronic Intermittent Hypoxia Blunts the Expression of Ventilatory Long Term Facilitation in Sleeping Rats. Advances in Experimental Medicine and Biology, 2015, 860, 335-342.	1.6	10
74	Mind the gap: widening the demographic to establish new norms in human physiology. Journal of Physiology, 2020, 598, 3045-3047.	2.9	10
75	Cardiorespiratory hysteresis during incremental highâ€altitude ascentâ€“descent quantifies the magnitude of ventilatory acclimatization. Experimental Physiology, 2021, 106, 139-150.	2.0	10
76	Ventilatory effects of Î±2-adrenoceptor blockade in awake goats. Respiration Physiology, 2001, 126, 29-41.	2.7	9
77	Dopaminergic excitation of the goat carotid body is mediated by the serotonin type 3 receptor subtype. Respiratory Physiology and Neurobiology, 2003, 136, 1-12.	1.6	9
78	Effect of Chronic Intermittent Hypoxia on the Reflex Recruitment of the Genioglossus During Airway Obstruction in the Anesthetized Rat. Progress in Brain Research, 2014, 209, 147-168.	1.4	9
79	Effects of Gestational and Postnatal Exposure to Chronic Intermittent Hypoxia on Diaphragm Muscle Contractile Function in the Rat. Frontiers in Physiology, 2016, 7, 276.	2.8	9
80	Re-Evaluating the Oxidative Phenotype: Can Endurance Exercise Save the Western World?. Antioxidants, 2021, 10, 609.	5.1	9
81	Chronic Intermittent Hypoxia Alters Genioglossus Motor Unit Discharge Patterns in the Anaesthetized Rat. Advances in Experimental Medicine and Biology, 2012, 758, 295-300.	1.6	9
82	Breathing in Duchenne muscular dystrophy: translation to therapy. Journal of Physiology, 2022, 600, 3465-3482.	2.9	9
83	Proâ€inflammatory cytokines do not affect basal or hypoxiaâ€stimulated discharge of rat vagal paraganglia. Experimental Physiology, 2012, 97, 1203-1210.	2.0	8
84	Sternohyoid and diaphragm muscle form and function during postnatal development in the rat. Experimental Physiology, 2013, 98, 1386-1400.	2.0	8
85	Chronic nitric oxide synthase inhibition does not impair upper airway muscle adaptation to chronic intermittent hypoxia in the rat. Progress in Brain Research, 2014, 212, 237-251.	1.4	8
86	Improved tolerance of acute severe hypoxic stress in chronic hypoxic diaphragm is nitric oxide-dependent. Journal of Physiological Sciences, 2015, 65, 427-433.	2.1	8
87	Early Life Exposure to Chronic Intermittent Hypoxia Primes Increased Susceptibility to Hypoxia-Induced Weakness in Rat Sternohyoid Muscle during Adulthood. Frontiers in Physiology, 2016, 7, 69.	2.8	8
88	Nonvagal tachypnea following Î±2-adrenoceptor stimulation in awake goats. Respiration Physiology, 1999, 118, 15-24.	2.7	7
89	Hydrogen peroxide alters sternohyoid muscle function. Oral Diseases, 2014, 20, 162-170.	3.0	7
90	Combined XILâ€6R and urocortinâ€2 treatment restores MDX diaphragm muscle force. Muscle and Nerve, 2017, 56, E134-E140.	2.2	7

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91	Respiratory muscle dysfunction in animal models of hypoxic disease: antioxidant therapy goes from strength to strength. Hypoxia (Auckland, N Z), 2017, Volume 5, 75-84.	1.9	7
92	Swallow-breathing coordination during incremental ascent to altitude. Respiratory Physiology and Neurobiology, 2019, 265, 121-126.	1.6	7
93	Is alkalosis the dominant factor in hypoxiaâ€induced cognitive dysfunction?. Experimental Physiology, 2019, 104, 1443-1444.	2.0	7
94	Effects of upper airway carbon dioxide on upper airway resistance and muscle activity in young guinea-pigs. European Respiratory Journal, 2000, 15, 902-905.	6.7	6
95	Respiratory Plasticity in the Behaving Rat Following Chronic Intermittent Hypoxia. Advances in Experimental Medicine and Biology, 2010, 669, 267-270.	1.6	6
96	The Î² 2 â€adrenoceptor agonist terbutaline recovers rat pharyngeal dilator muscle force decline during severe hypoxia. Oral Diseases, 2015, 21, e121-7.	3.0	6
97	What Is the Point of the Peak? Assessing Steady-State Respiratory Chemoreflex Drive in High Altitude Field Studies. Advances in Experimental Medicine and Biology, 2018, 1071, 13-23.	1.6	6
98	The impact of preterm adversity on cardiorespiratory function. Experimental Physiology, 2020, 105, 17-43.	2.0	6
99	Variation within the visually evoked neurovascular coupling response of the posterior cerebral artery is not influenced by age or sex. Journal of Applied Physiology, 2022, 133, 335-348.	2.5	6
100	Comparison of the motor discharge to the voluntary sphincters of continence in the rat. Neurogastroenterology and Motility, 2012, 24, e175-84.	3.0	5
101	Extreme pregnancy: maternal physical activity at Everest Base Camp. Journal of Applied Physiology, 2018, 125, 580-585.	2.5	5
102	Breathing with neuromuscular disease: Does compensatory plasticity in the motor drive to breathe offer a potential therapeutic target in muscular dystrophy?. Respiratory Physiology and Neurobiology, 2019, 265, 49-54.	1.6	5
103	The role of NADPH oxidase in chronic intermittent hypoxia-induced respiratory plasticity in adult male mice. Respiratory Physiology and Neurobiology, 2021, 292, 103713.	1.6	5
104	Targeting the Toll-like receptor pathway as a therapeutic strategy for neonatal infection. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R879-R902.	1.8	5
105	Blast from the past! Phrenic motor memory of antecedent episodic hypercapnia is serotonin dependent: relevance to respiratory rehabilitation and sleepâ€disordered breathing?. Experimental Physiology, 2016, 101, 258-259.	2.0	4
106	No evidence in support of a prodromal respiratory control signature in the TgF344-AD rat model of Alzheimerâ€™s disease. Respiratory Physiology and Neurobiology, 2019, 265, 55-67.	1.6	4
107	Chronic intermittent hypoxia impairs diuretic and natriuretic responses to volume expansion in rats with preserved low-pressure baroreflex control of the kidney. American Journal of Physiology - Renal Physiology, 2021, 320, F1-F16.	2.7	4
108	Î±2A-Adrenoceptor mediated tachypnea in awake goats. Respiration Physiology, 2001, 125, 169-179.	2.7	3

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109	A paradigm shift in oxygen sensing with a twist in the tale!. Biochemical Journal, 2016, 473, 2687-2689.	3.7	3
110	Microstream capnography during conscious sedation with midazolam for oral surgery: a randomised controlled trial. BDJ Open, 2017, 3, 17019.	2.1	3
111	Antioxidant therapy for muscular dystrophy: caveat lector!. Journal of Physiology, 2018, 596, 737-738.	2.9	3
112	Caffeine therapy for apnoea of prematurity: Wake up to the fact that sex matters. Experimental Physiology, 2018, 103, 1294-1295.	2.0	3
113	Chronic intermittent hypoxiaâ€induced hypertension: An expired hypothesis laid to rest?. Experimental Physiology, 2019, 104, 1327-1328.	2.0	3
114	Cycle ergometer training enhances plasma interleukin-10 in multiple sclerosis. Neurological Sciences, 2019, 40, 1933-1936.	1.9	3
115	NADPH oxidase 2 is necessary for chronic intermittent hypoxiaâ€induced sternohyoid muscle weakness in adult male mice. Experimental Physiology, 2022, 107, 946-964.	2.0	3
116	Upper airway EMG responses to acute hypoxia and asphyxia are impaired in streptozotocin-induced diabetic rats. Respiratory Physiology and Neurobiology, 2003, 138, 301-308.	1.6	2
117	The Pathophysiology of Sleep Apnoea: What We have Learned from Animal Models of Chronic Intermittent Hypoxia. Current Respiratory Medicine Reviews, 2007, 3, 19-27.	0.2	2
118	Antioxidant Treatment Does Not Prevent Chronic Hypoxia-Induced Respiratory Muscle Impairment in Developing Rats. Advances in Experimental Medicine and Biology, 2010, 669, 263-266.	1.6	2
119	Sweet Success Should Set Tongues Wagging. A Portrait of Airway Muscle Injury in Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1299-1300.	5.6	2
120	Counterâ€regulatory control of homeostasis during hypoglycaemia: adrenaline hits the sweet spot in the controversy concerning carotid body glucose sensing. Journal of Physiology, 2016, 594, 4091-4092.	2.9	2
121	Squamous Papilloma Causing Airway Obstruction During Conscious Sedation. Anesthesia Progress, 2017, 64, 168-170.	0.5	2
122	Sleep awakens active expiration. Journal of Physiology, 2018, 596, 2947-2948.	2.9	2
123	Reply from David P. Burns, Eric F. Lucking and Ken D. O'Halloran: Auxiliary compensation for diaphragm dysfunction in dystrophic disease. Journal of Physiology, 2019, 597, 4103-4105.	2.9	2
124	Diaphragm muscle performance in ageing: A new perspective on an old story. Experimental Physiology, 2019, 104, 993-994.	2.0	2
125	Contribution of extraâ€diaphragmatic inspiratory muscles to peak inspiratory pressure in wildâ€type and dystrophic (mdx) mice. FASEB Journal, 2021, 35, .	0.5	2
126	The effects of acute incremental hypocapnia on the magnitude of neurovascular coupling in healthy participants. Physiological Reports, 2021, 9, e14952.	1.7	2

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127	One step closer to pharmacotherapy for sleep apnoea. Journal of Physiology, 2021, 599, 4015-4016.	2.9	2
128	Intrarenal pelvic bradykinin-induced sympathoexcitatory reno-renal reflex is attenuated in rats exposed to chronic intermittent hypoxia. Journal of Hypertension, 2022, 40, 46-64.	0.5	2
129	Diaphragm fatigue: Similarities and differences between sexes. Journal of Physiology, 2021, 599, 1023-1024.	2.9	2
130	Royal academy of medicine in Ireland section of biomedical sciences. Irish Journal of Medical Science, 1994, 163, 258-268.	1.5	1
131	The Effects of Breath-Holds and Muller Manoeuvres on Upper Airway Carbon Dioxide Concentration in Humans. Respiration, 2007, 74, 533-536.	2.6	1
132	Pharmacotherapies for apnoea of prematurity: time to pause and consider targeted sexâ€specific strategies?. Experimental Physiology, 2018, 103, 170-171.	2.0	1
133	Opioids for the relief of acute respiratory distress syndrome: Endomorphins are the Î¼ kids on the block!. Experimental Physiology, 2019, 104, 1445-1446.	2.0	1
134	Peripheral and central respiratory system pathology in a mouse model of Parkinson's disease: A prodromal signature of clinical relevance?. Experimental Physiology, 2019, 104, 617-618.	2.0	1
135	Blood flow to limb muscles during submaximal dynamic exercise with resistive breathing: Use it or lose it?. Experimental Physiology, 2019, 104, 165-167.	2.0	1
136	Carbonic anhydrase inhibition and chemoreflex control of breathing: A litmus test for methazolamide as a viable alternative to acetazolamide. Experimental Physiology, 2020, 105, 230-231.	2.0	1
137	Nitric oxide modulates rat pharyngeal dilator muscle force and endurance during hypoxia. FASEB Journal, 2008, 22, 739.4.	0.5	1
138	Tetany During Intravenous Conscious Sedation in Dentistry Resulting From Hyperventilation-Induced Hypocapnia. Anesthesia Progress, 2016, 63, 25-30.	0.5	1
139	Nâ€Acetyl cysteine improves dystrophic (mdx) mouse diaphragm muscle quality and strength. FASEB Journal, 2019, 33, 843.12.	0.5	1
140	Muscling in on neurorehabilitative strategies to counter respiratory motor dysfunction in cervical spinal cord injury. Journal of Physiology, 2021, 599, 1009-1010.	2.9	1
141	Upper airway pressure-flow relationships and pharyngeal constrictor EMG activity during prolonged expiration in awake goats. Journal of Applied Physiology, 2008, 105, 100-108.	2.5	0
142	?Double-Trouble? for Respiratory Control in Pompe Disease. Frontiers in Physiology, 2011, 2, 54.	2.8	0
143	Getting jittery about the mechanism of hypertension in sleep apnoea. Experimental Physiology, 2014, 99, 1283-1284.	2.0	0
144	Piling on the pressure to combat acute respiratory distress syndrome: a PEEP into the future?. Experimental Physiology, 2015, 100, 879-880.	2.0	0

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145	Playing your heart out. Irish Journal of Medical Science, 2015, 184, 725-726.	1.5	0
146	Chronic intermittent hypoxia orchestrates cardiorespiratory cacophony â€“ adapting melody to malady. Experimental Physiology, 2015, 100, 227-228.	2.0	0
147	Physiology in fine fettle in the fair city. Irish Journal of Medical Science, 2016, 185, 771-771.	1.5	0
148	Engineering a solution to explore the cardiorespiratory limits to exercise performance: take a load off!. Experimental Physiology, 2016, 101, 695-696.	2.0	0
149	Measure what is measurable: IJMS comes of age as the baton changes hands. Irish Journal of Medical Science, 2016, 185, 769-769.	1.5	0
150	High adventure shunts old notions of pulmonary vascular control during hypoxic exercise: contrasting views that might just burst your bubble!. Experimental Physiology, 2017, 102, 617-618.	2.0	0
151	Resistive breathing and respiratory muscle fatigue: a load of concern just expired!. Experimental Physiology, 2017, 102, 1090-1091.	2.0	0
152	Capnography monitoring during dental conscious sedation. Oral Surgery, 2017, 10, 131-136.	0.2	0
153	Neuroimmune modulation of cardiorespiratory responses to acute severe hypoxia. Experimental Physiology, 2018, 103, 781-782.	2.0	0
154	Chronic intermittent hypoxia and renovascular hypertension: A case of one plus one equals oneâ€half!. Experimental Physiology, 2018, 103, 433-434.	2.0	0
155	Sympathetic vasomotor activity during dynamic exercise with resistive breathing: Sex differences and the nerve to show it!. Experimental Physiology, 2018, 103, 435-436.	2.0	0
156	Genioglossus activation during maximal sniff manoeuvres: Is upper airway function relevant in the clinical assessment of inspiratory and expiratory muscle strength?. Experimental Physiology, 2018, 103, 1577-1578.	2.0	0
157	Purinergic modulation of chemosensory drive to breathe from the lateral hypothalamus/perifornical area depends upon sleepâ€“wake and lightâ€“dark phases. Experimental Physiology, 2018, 103, 1575-1576.	2.0	0
158	Brainstem network pathology and impaired respiratory drive as successive signatures in a rat model of Parkinson's disease. Experimental Physiology, 2018, 103, 1300-1301.	2.0	0
159	The shape of things to come: Early life stress stunts brainstem microglia, with lasting implications for cardiorespiratory control and plasticity. Experimental Physiology, 2018, 103, 1183-1184.	2.0	0
160	Cardiovascular sequelae of the sleep apnoea syndrome: Sex, stress and therapeutic strategies. Acta Physiologica, 2019, 225, e13170.	3.8	0
161	Working out the energetic cost of breathing during exercise. Experimental Physiology, 2019, 104, 1593-1594.	2.0	0
162	Brainstem adrenomedullin facilitates intermittent hypoxiaâ€induced hypertension: A sympathetic story of a selfish brain. Experimental Physiology, 2019, 104, 1589-1590.	2.0	0

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163	Motor unit behaviour of the ageing human diaphragm: midâ€life crisis for the inspiratory pump?. Journal of Physiology, 2019, 597, 5043-5044.	2.9	0
164	Cortical control of upper airway calibre: It's the thought that counts!. Experimental Physiology, 2019, 104, 789-790.	2.0	0
165	Is nonâ€normalized chest wall electromyogram activity a reliable index of respiratory neural drive? On the surface â€“ yes!. Experimental Physiology, 2019, 104, 621-622.	2.0	0
166	Epigenetic silencing by earlyâ€life hypoxic stress programmes respiratory motor control. Experimental Physiology, 2020, 105, 3-4.	2.0	0
167	Pontine noradrenergic neurons facilitate pulmonary ventilation during hypercapnic stress: fight or flight â€“ and breathe!. Experimental Physiology, 2020, 105, 5-6.	2.0	0
168	Corticomotor control of airway calibre in obstructive sleep apnoea syndrome. Experimental Physiology, 2020, 105, 234-235.	2.0	0
169	Simulating the space station: a launch pad for new explorations in integrative physiology. Journal of Physiology, 2020, 598, 2285-2286.	2.9	0
170	Ventilatory acclimatization to hypoxia: Time to express a critical central message. Journal of Physiology, 2020, 598, 1795-1796.	2.9	0
171	Reply: The two faces of active expiration: a case of mistaken identity!. Experimental Physiology, 2020, 105, 395-396.	2.0	0
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173	The carotid bodies exercise control over active expiration but not peak performance during highâ€intensity treadmill running. Experimental Physiology, 2020, 105, 1214-1215.	2.0	0
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