L G Branco

List of Publications by Year
in descending order

187 papers	4,132 citations	136950 32 h-index	189892 50 g-index
189 all docs	189 docs citations	189 times ranked	2599 citing authors

#	Article	IF	Citations
1	Physiology of temperature regulation: Comparative aspects. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 147, 616-639.	1.8	205
2	Hypoxia-Induced Anapyrexia: Implications and Putative Mediators. Annual Review of Physiology, 2002, 64, 263-288.	13.1	142
3	Neural Substrate of Cold-Seeking Behavior in Endotoxin Shock. PLoS ONE, 2006, 1, e1.	2.5	142
4	Coldâ€seeking behavior as a thermoregulatory strategy in systemic inflammation. European Journal of Neuroscience, 2006, 23, 3359-3367.	2.6	120
5	Atrial natriuretic peptide and oxytocin induce natriuresis by release of cGMP. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 278-283.	7.1	95
6	Hypoxic metabolic response of the golden-mantled ground squirrel. Journal of Applied Physiology, 2001, 91, 603-612.	2.5	86
7	Cardiovascular responses to chemoreflex activation with potassium cyanide or hypoxic hypoxia in awake rats. Autonomic Neuroscience: Basic and Clinical, 2002, 97, 110-115.	2.8	69
8	Thermoeffector neuronal pathways in fever: a study in rats showing a new role of the locus coeruleus. Journal of Physiology, 2004, 558, 283-294.	2.9	68
9	Central chemoreceptor drive to breathing in unanesthetized toads, Bufo paracnemis. Respiration Physiology, 1992, 87, 195-204.	2.7	67
10	Antipyretic role of the NO-cGMP pathway in the anteroventral preoptic region of the rat brain. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R584-R593.	1.8	59
11	Raphe magnus nucleus is involved in ventilatory but not hypothermic response to CO₂. Journal of Applied Physiology, 2007, 103, 1780-1788.	2.5	56
12	Role of the haeme oxygenase/carbon monoxide pathway in mechanical nociceptor hypersensitivity. British Journal of Pharmacology, 2001, 132, 1673-1682.	5.4	54
13	Temperature and central chemoreceptor drive to ventilation in toad (Bufo paracnemis). Respiration Physiology, 1993, 93, 337-346.	2.7	49
14	A new function for lactate in the toad Bufo marinus. Journal of Applied Physiology, 1994, 76, 2405-2410.	2.5	48
15	Nitric oxide in the regulation of body temperature and fever. Journal of Thermal Biology, 2001, 26, 325-330.	2.5	45
16	Role of preoptic second messenger systems (cAMP and cGMP) in the febrile response. Brain Research, 2002, 944, 135-145.	2.2	45
17	Carbon monoxide is the heme oxygenase product with a pyretic action: evidence for a cGMP signaling pathway. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R448-R457.	1.8	44
18	Central CO-heme oxygenase pathway raises body temperature by a prostaglandin-independent way. Journal of Applied Physiology, 2000, 88, 1607-1613.	2.5	43

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19	A neurochemical mechanism for hypoxia-induced anapyrexia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R1412-R1422.	1.8	42
20	Serotonergic neurons in the nucleus raphe obscurus contribute to interaction between central and peripheral ventilatory responses to hypercapnia. Pflugers Archiv European Journal of Physiology, 2011, 462, 407-418.	2.8	42
21	Ventilatory responses to hypoxia in the toad <i>Bufo paracnemis</i> before and after a decrease in haemoglobin oxygen-carrying capacity. Journal of Experimental Biology, 1994, 186, 1-8.	1.7	41
22	Role of central adenosine in the respiratory and thermoregulatory responses to hypoxia. NeuroReport, 2000, 11, 193-197.	1.2	40
23	Seasonal changes in the cardiovascular, respiratory and metabolic responses to temperature and hypoxia in the bullfrog Rana catesbeiana. Journal of Experimental Biology, 1998, 201, 761-8.	1.7	40
24	Evidence for thermoregulation by dopamine D1 and D2 receptors in the anteroventral preoptic region during normoxia and hypoxia. Brain Research, 2004, 1030, 165-171.	2.2	39
25	Role of the peripheral heme oxygenaseâ€"carbon monoxide pathway on the nociceptive response of rats to the formalin test: Evidence for a cGMP signaling pathway. European Journal of Pharmacology, 2007, 556, 55-61.	3.5	39
26	Molecular hydrogen reduces acute exercise-induced inflammatory and oxidative stress status. Free Radical Biology and Medicine, 2018, 129, 186-193.	2.9	39
27	Seasonal changes in the preferred body temperature, cardiovascular, and respiratory responses to hypoxia in the toad,Bufo paracnemis. The Journal of Experimental Zoology, 2001, 289, 359-365.	1.4	38
28	Hydrogen sulfide as a cryogenic mediator of hypoxia-induced anapyrexia. Neuroscience, 2012, 201, 146-156.	2.3	36
29	Respiratory and body temperature modulation by adenosine A1 receptors in the anteroventral preoptic region during normoxia and hypoxia. Respiratory Physiology and Neurobiology, 2006, 153, 115-125.	1.6	35
30	The nitric oxide pathway is an important modulator of stress-induced fever in rats. Physiology and Behavior, 2000, 70, 505-511.	2.1	34
31	Locus coeruleus is a central chemoreceptive site in toads. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R997-R1006.	1.8	34
32	Effect of nitric oxide synthase inhibition on hypercapnia-induced hypothermia and hyperventilation. Journal of Applied Physiology, 1998, 85, 967-972.	2.5	33
33	Tolerance to lipopolysaccharide is related to the nitric oxide pathway. NeuroReport, 1999, 10, 3061-3065.	1.2	33
34	Effect of Temperature on Central Chemical Control of Ventilation in the Alligator <i>Alligator Mississippiensis</i>. Journal of Experimental Biology, 1993, 179, 261-272.	1.7	33
35	Seasonal changes in the cardiorespiratory responses to hypercarbia and temperature in the bullfrog, Rana catesbeiana. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1999, 124, 221-229.	1.8	32
36	The nucleus raphe magnus modulates hypoxia-induced hyperventilation but not anapyrexia in rats. Neuroscience Letters, 2003, 347, 121-125.	2.1	32

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37	Role of nitric oxide in insulin-induced hypothermia in rats. Brain Research Bulletin, 2001, 54, 49-53.	3.0	31
38	Involvement of serotoninergic receptors in the anteroventral preoptic region on hypoxia-induced hypothermia. Brain Research, 2005, 1044, 16-24.	2.2	31
39	Vasopressin release during endotoxaemic shock in mice lacking inducible nitric oxide synthase. Pflugers Archiv European Journal of Physiology, 2005, 450, 390-394.	2.8	31
40	Neuroinflammation in the NTS is associated with changes in cardiovascular reflexes during systemic inflammation. Journal of Neuroinflammation, 2019, 16, 125.	7.2	31
41	Role of nitric oxide in hypoxia-induced hyperventilation and hypothermia: participation of the locus coeruleus. Brazilian Journal of Medical and Biological Research, 1999, 32, 1389-1398.	1.5	30
42	Indomethacin impairs LPS-induced behavioral fever in toads. Journal of Applied Physiology, 2002, 93, 512-516.	2.5	30
43	Role of nitric oxide in thermoregulation during septic shock: involvement of vasopressin. Pflugers Archiv European Journal of Physiology, 2003, 447, 175-180.	2.8	30
44	Ventilatory responses to hypoxia in the toad Bufo paracnemis before and after a decrease in haemoglobin oxygen-carrying capacity. Journal of Experimental Biology, 1994, 186, 1-8.	1.7	30
45	Role of l-glutamate in systemic AVP-induced hypothermia. Journal of Applied Physiology, 2003, 94, 271-277.	2.5	29
46	Role of nitric oxide in tolerance to lipopolysaccharide in mice. Journal of Applied Physiology, 2005, 98, 1322-1327.	2.5	29
47	Hydrogen sulfide inhibits preoptic prostaglandin E2 production during endotoxemia. Experimental Neurology, 2013, 240, 88-95.	4.1	29
48	Role of the nitric oxide pathway in hypoxia-induced hypothermia of rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R967-R971.	1.8	28
49	Fever and anapyrexia in systemic inflammation intracellular signaling by cyclic nucleotides. Frontiers in Bioscience - Landmark, 2003, 8, s1398-1408.	3.0	28
50	Thermoregulation and Vasopressin Secretion during Polymicrobial Sepsis. NeuroImmunoModulation, 2009, 16, 45-53.	1.8	28
51	Molecular hydrogen potentiates hypothermia and prevents hypotension and fever in LPS-induced systemic inflammation. Brain, Behavior, and Immunity, 2019, 75, 119-128.	4.1	28
52	Discrete electrolytic lesion of the preoptic area prevents LPS-induced behavioral fever in toads. Journal of Experimental Biology, 2002, 205, 3513-3518.	1.7	28
53	Carbon monoxide as a novel mediator of the febrile response in the central nervous system. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R499-R507.	1.8	27
54	Respiratory and metabolic responses of the spiny rats Proechimys yonenagae and P. iheringi to CO2. Respiration Physiology, 1998, 111, 223-231.	2.7	26

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55	Role of nitric oxide in systemic vasopressin-induced hypothermia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R937-R941.	1.8	26
56	New role of the trigeminal nerve as a neuronal pathway signaling brain in acute periodontitis: participation of local prostaglandins. Pflugers Archiv European Journal of Physiology, 2006, 453, 73-82.	2.8	26
57	Gaseous Mediators in Temperature Regulation. , 2014, 4, 1301-1338.		26
58	5â€HT_{1A}, but not 5â€HT₂ and 5â€HT₇, receptors in the nucleus raphe magnus modulate hypoxiaâ€induced hyperpnoea. Acta Physiologica, 2008, 193, 403-414.	3.8	25
59	Role of nitric oxide in rat locus coeruleus in hypoxia-induced hyperventilation and hypothermia. NeuroReport, 2000, 11, 2991-2995.	1.2	24
60	Anapyrexia during hypoxia. Journal of Thermal Biology, 2006, 31, 82-89.	2.5	24
61	Role of preoptic opioid receptors in the body temperature reduction during hypoxia. Brain Research, 2009, 1286, 66-74.	2.2	24
62	Effect of temperature on central chemical control of ventilation in the alligator Alligator mississippiensis. Journal of Experimental Biology, 1993, 179, 261-72.	1.7	24
63	Central thermoregulatory effects of lactate in the toad Bufo paracnemis. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1999, 122, 457-461.	1.8	23
64	Role of hydrogen sulfide in the formalin-induced orofacial pain in rats. European Journal of Pharmacology, 2014, 738, 49-56.	3.5	23
65	Can selective serotonin reuptake inhibitors have a neuroprotective effect during COVID-19?. European Journal of Pharmacology, 2020, 889, 173629.	3.5	23
66	Role of neuronal nitric oxide synthase in hypoxia-induced anapyrexia in rats. Journal of Applied Physiology, 2000, 89, 1131-1136.	2.5	22
67	Central dopamine modulates anapyrexia but not hyperventilation induced by hypoxia. Journal of Applied Physiology, 2002, 92, 975-981.	2.5	22
68	Regulation of breathing and body temperature of a burrowing rodent during hypoxicâ€“hypercapnia. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2004, 138, 97-104.	1.8	21
69	Role of the locus coeruleus carbon monoxide pathway in endotoxin fever in rats. Pflugers Archiv European Journal of Physiology, 2006, 453, 471-476.	2.8	21
70	Experimental sepsis induces sustained inflammation and acetylcholinesterase activity impairment in the hypothalamus. Journal of Neuroimmunology, 2018, 324, 143-148.	2.3	21
71	Role of the brain heme oxygenase-carbon monoxide pathway in stress fever in rats. Neuroscience Letters, 2003, 341, 193-196.	2.1	19
72	The ventilatory response to environmental hypercarbia in the South American rattlesnake, Crotalus durissus. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2004, 174, 281-291.	1.5	19

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73	Nucleus isthmi and control of breathing in amphibians. Respiratory Physiology and Neurobiology, 2004, 143, 177-186.	1.6	19
74	Serotoninergic receptors in the anteroventral preoptic region modulate the hypoxic ventilatory response. Respiratory Physiology and Neurobiology, 2006, 153, 1-13.	1.6	19
75	Role of midbrain in the control of breathing in anuran amphibians. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R447-R457.	1.8	19
76	Temperature and respiratory function in ectothermic vertebrates. Journal of Thermal Biology, 2013, 38, 55-63.	2.5	19
77	Central serotonin attenuates LPS-induced systemic inflammation. Brain, Behavior, and Immunity, 2017, 66, 372-381.	4.1	19
78	Ventilatory responses to carboxyhaemoglobinaemia and hypoxic hypoxia in Bufo paracnemis.. Journal of Experimental Biology, 1995, 198, 1417-1421.	1.7	19
79	Discrete electrolytic lesion of the preoptic area prevents LPS-induced behavioral fever in toads. Journal of Experimental Biology, 2002, 205, 3513-8.	1.7	19
80	Involvement of neuronal nitric oxide synthase in restraint stress-induced fever in rats. Physiology and Behavior, 2002, 75, 261-266.	2.1	18
81	Chemical lesions of the nucleus isthmi increase the hypoxic and hypercarbic drive to breathing of toads. Respiratory Physiology and Neurobiology, 2002, 132, 289-299.	1.6	18
82	Brain monoaminergic neurons and ventilatory control in vertebrates. Respiratory Physiology and Neurobiology, 2008, 164, 112-122.	1.6	18
83	Antinociception synergy between the peripheral and spinal sites of the heme oxygenase-carbon monoxide pathway. Brazilian Journal of Medical and Biological Research, 2009, 42, 141-147.	1.5	18
84	Interaction between the carbon monoxide and nitric oxide pathways in the locus coeruleus during fever. Neuroscience, 2012, 206, 69-80.	2.3	18
85	Endogenous preoptic hydrogen sulphide attenuates hypoxia-induced hyperventilation. Acta Physiologica, 2014, 210, 913-927.	3.8	18
86	Central hydrogen sulphide mediates ventilatory responses to hypercapnia in adult conscious rats. Acta Physiologica, 2014, 212, 239-247.	3.8	18
87	Anxiolytic-like effect of hydrogen sulfide (H2S) in rats exposed and re-exposed to the elevated plus-maze and open field tests. Neuroscience Letters, 2017, 642, 77-85.	2.1	18
88	Role of nucleus isthmi in the ventilatory response to hypoxia of Bufo paracnemis. Respiration Physiology, 2000, 119, 31-39.	2.7	17
89	Exogenous ghrelin attenuates endotoxin fever in rats. Peptides, 2011, 32, 2372-2376.	2.4	17
90	The importance of glucose for the freezing tolerance/intolerance of the anuran amphibians Rana catesbeiana and Bufo paracnemis. Revista Brasileira De Biologia, 2000, 60, 321-328.	0.3	17

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91	Interaction between temperature and hypoxia in the alligator. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1993, 265, R1339-R1343.	1.8	16
92	Reduced stress fever is accompanied by increased glucocorticoids and reduced PGE2 in adult rats exposed to endotoxin as neonates. Journal of Neuroimmunology, 2010, 225, 77-81.	2.3	16
93	Involvement of the heme oxygenaseâ€“carbon monoxideâ€“cGMP pathway in the nociception induced by acute painful stimulus in rats. Brain Research, 2011, 1385, 107-113.	2.2	16
94	Lactate as a modulator of hypoxia-induced hyperventilation. Respiratory Physiology and Neurobiology, 2003, 138, 37-44.	1.6	15
95	Molecular hydrogen downregulates acute exhaustive exercise-induced skeletal muscle damage. Canadian Journal of Physiology and Pharmacology, 2021, 99, 812-820.	1.4	15
96	Ventilatory responses to carboxyhaemoglobinaemia and hypoxic hypoxia in Bufo paracnemis. Journal of Experimental Biology, 1995, 198, 1417-21.	1.7	15
97	Participation of the nitric oxide pathway in cold-induced hypertension. Life Sciences, 1997, 60, 1875-1880.	4.3	14
98	Physiological significance of behavioral hypothermia in hypoglycemic frogs (Rana catesbeiana). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1998, 119, 957-961.	1.8	14
99	Role of nitric oxide in 2-deoxy-D-glucose-induced hypothermia in rats. NeuroReport, 1999, 10, 3101-3104.	1.2	14
100	Thermoregulatory response to hypoxia after inhibition of the central heme oxygenaseâ€“carbon monoxide pathway. Journal of Thermal Biology, 2001, 26, 339-343.	2.5	14
101	Nitric oxide in the rostral ventrolateral medulla modulates hyperpnea but not anapyrexia induced by hypoxia. Brain Research, 2003, 977, 231-238.	2.2	14
102	Endogenous hydrogen sulfide in the rostral ventrolateral medulla/BÃ¶tzinger complex downregulates ventilatory responses to hypoxia. Respiratory Physiology and Neurobiology, 2014, 200, 97-104.	1.6	14
103	Effects of 2-deoxy-D-glucose and insulin on plasma glucose levels and behavioral thermoregulation of toads. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 272, R1-R5.	1.8	13
104	Central nNOS is involved in restraint stress-induced fever: evidence for a cGMP pathway. Physiology and Behavior, 2003, 80, 139-145.	2.1	13
105	Role of the spinal cord heme oxygenaseâ€“carbon monoxideâ€“cGMP pathway in the nociceptive response of rats. European Journal of Pharmacology, 2008, 581, 71-76.	3.5	13
106	Serotonergic neurons in the nucleus raphÃ© obscurus are not involved in the ventilatory and thermoregulatory responses to hypoxia in adult rats. Respiratory Physiology and Neurobiology, 2013, 187, 139-148.	1.6	13
107	Systemic serotonin inhibits brown adipose tissue sympathetic nerve activity via a GABA input to the dorsomedial hypothalamus, not via 5HT_{1A} receptor activation in raphe pallidus. Acta Physiologica, 2020, 228, e13401.	3.8	13
108	Thermoregulatory effects of cyanide and azide in the toad, Bufo marinus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1996, 270, R169-R173.	1.8	12

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109	Role of adenosine in the hypoxia-induced hypothermia of toads. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R196-R201.	1.8	12
110	Antipyretic effect of arginine vasotocin in toads. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 278, R1408-R1414.	1.8	12
111	Central heme oxygenaseâ€“carbon monoxide pathway in the control of breathing under normoxia and hypoxia. Respiratory Physiology and Neurobiology, 2002, 130, 151-160.	1.6	12
112	Nitric oxide pathway in the nucleus raphe magnus modulates hypoxic ventilatory response but not anapyrexia in rats. Brain Research, 2004, 1017, 39-45.	2.2	12
113	Lesion of the anteroventral third ventricle (AV3V) reduces hypothalamic activation and hypophyseal hormone secretion induced by lipopolysaccharide in rats. Brain Research, 2006, 1115, 83-91.	2.2	12
114	Role of central hydrogen sulfide on ventilatory and cardiovascular responses to hypoxia in spontaneous hypertensive rats. Respiratory Physiology and Neurobiology, 2016, 231, 21-27.	1.6	12
115	Excitatory Modulation of the preBÃ¶tzinger Complex Inspiratory Rhythm Generating Network by Endogenous Hydrogen Sulfide. Frontiers in Physiology, 2017, 8, 452.	2.8	12
116	Central serotonin prevents hypotension and hypothermia and reduces plasma and spleen cytokine levels during systemic inflammation. Brain, Behavior, and Immunity, 2019, 80, 255-265.	4.1	12
117	Citral-induced analgesia is associated with increased spinal serotonin, reduced spinal nociceptive signaling, and reduced systemic oxidative stress in arthritis. Journal of Ethnopharmacology, 2020, 250, 112486.	4.1	12
118	Endogenous vasopressin does not mediate hypoxia-induced anapyrexia in rats. Journal of Applied Physiology, 1999, 86, 469-473.	2.5	11
119	Effect of nitric oxide in the nucleus isthmi on the hypoxic and hypercarbic drive to breathing of toads. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R338-R345.	1.8	11
120	Role of glutamate in the nucleus isthmi on the hypoxia- and hypercarbia-induced hyperventilation of toads. Respiratory Physiology and Neurobiology, 2003, 135, 47-58.	1.6	11
121	Role of l-glutamate in the locus coeruleus of rats in hypoxia-induced hyperventilation and anapyrexia. Respiratory Physiology and Neurobiology, 2004, 139, 157-166.	1.6	11
122	Opioid <i>Î¼</i>â€receptors in the rostral medullary raphe modulate hypoxiaâ€induced hyperpnea in unanesthetized rats. Acta Physiologica, 2012, 204, 435-442.	3.8	11
123	High-fat diet induces site-specific unresponsiveness to LPS-stimulated STAT3 activation in the hypothalamus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R34-R44.	1.8	11
124	Endogenous peripheral hydrogen sulfide is propyretic: its permissive role in brown adipose tissue thermogenesis in rats. Experimental Physiology, 2018, 103, 397-407.	2.0	11
125	Hypothermic Effect of Acute Citral Treatment during LPS-induced Systemic Inflammation in Obese Mice: Reduction of Serum TNF-Î± and Leptin Levels. Biomolecules, 2020, 10, 1454.	4.0	11
126	Cardiovascular, respiratory and metabolic responses to temperature and hypoxia of the winter frog Rana catesbeiana. Brazilian Journal of Medical and Biological Research, 1997, 30, 125-131.	1.5	10

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127	Role of the preoptic carbon monoxide pathway in endotoxin fever in rats. Brain Research, 2002, 927, 27-34.	2.2	10
128	Role of central nitric oxide in behavioral thermoregulation of toads during hypoxia. Physiology and Behavior, 2008, 95, 101-107.	2.1	10
129	Propyretic role of the locus coeruleus nitric oxide pathway. Experimental Physiology, 2010, 95, 669-677.	2.0	10
130	Antipyretic Effects of Citral and Possible Mechanisms of Action. Inflammation, 2017, 40, 1735-1741.	3.8	10
131	The therapeutic potential of cystathionine gamma-lyase in temporomandibular inflammation-induced orofacial hypernociception. Physiology and Behavior, 2018, 188, 128-133.	2.1	10
132	Propargylglycine decreases neuro-immune interaction inducing pain response in temporomandibular joint inflammation model. Nitric Oxide - Biology and Chemistry, 2019, 93, 90-101.	2.7	10
133	Inhaled molecular hydrogen attenuates intense acute exercise-induced hippocampal inflammation in sedentary rats. Neuroscience Letters, 2020, 715, 134577.	2.1	10
134	Recent Advances in Molecular Hydrogen Research Reducing Exercise-Induced Oxidative Stress and Inflammation. Current Pharmaceutical Design, 2021, 27, 731-736.	1.9	10
135	Is lactate a mediator of hypoxia-induced anapyrexia?. Pflugers Archiv European Journal of Physiology, 2002, 444, 810-815.	2.8	9
136	Glutamatergic receptors of the rostral ventrolateral medulla are involved in the ventilatory response to hypoxia. Respiratory Physiology and Neurobiology, 2005, 146, 125-134.	1.6	9
137	Combined ventilatory responses to aerial hypoxia and temperature in the South American lungfish Lepidosiren paradoxa. Journal of Thermal Biology, 2011, 36, 521-526.	2.5	9
138	Involvement of endogenous hydrogen sulfide (H2S) in the rostral ventrolateral medulla (RVLM) in hypoxia-induced hypothermia. Brain Research Bulletin, 2014, 108, 94-99.	3.0	9
139	Increased hypothalamic hydrogen sulphide contributes to endotoxin tolerance by downâ€modulating PGE₂ production. Acta Physiologica, 2020, 228, e13373.	3.8	9
140	Effect of Physical Exercise on the Febrigenic Signaling is Modulated by Preoptic Hydrogen Sulfide Production. PLoS ONE, 2017, 12, e0170468.	2.5	9
141	Central heme oxygenaseâ€"carbon monoxide pathway participates in the lipopolysaccharide-induced tolerance in rats. Brain Research, 2006, 1111, 83-89.	2.2	8
142	Role of locus coeruleus heme oxygenaseâ€"carbon monoxideâ€"cGMP pathway during hypothermic response to restraint. Brain Research Bulletin, 2008, 75, 526-532.	3.0	8
143	Activation of locus coeruleus heme oxygenase-carbon monoxide pathway promoted an anxiolytic-like effect in rats. Brazilian Journal of Medical and Biological Research, 2016, 49, e5135.	1.5	8
144	Central administration of aminooxyacetate, an inhibitor of H2S production, affects thermoregulatory but not cardiovascular and ventilatory responses to hypercapnia in spontaneously hypertensive rats. Respiratory Physiology and Neurobiology, 2019, 263, 38-46.	1.6	8

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145	Role of central chemoreceptors in behavioral thermoregulation of the toad, Bufo marinus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1994, 266, R1483-R1487.	1.8	7
146	Role of the haem oxygenase-carbon monoxide pathway in insulin-induced hypothermia: evidence for carbon monoxide involvement. Pflugers Archiv European Journal of Physiology, 2002, 444, 244-250.	2.8	7
147	Glucocorticoids downregulate systemic nitric oxide synthesis and counteract overexpression of hepatic heme oxygenase-1 during endotoxin tolerance. Canadian Journal of Physiology and Pharmacology, 2013, 91, 861-865.	1.4	7
148	Increased lipopolysaccharideâ€induced hypothermia in neurogenic hypertension is caused by reduced hypothalamic PGE₂ production and increased heat loss. Journal of Physiology, 2020, 598, 4663-4680.	2.9	7
149	Role of hydrogen sulfide in ventilatory responses to hypercapnia in the medullary raphe of adult rats. Experimental Physiology, 2021, 106, 1992-2001.	2.0	7
150	Glutamatergic neurotransmission modulates hypoxia-induced hyperventilation but not anapyrexia. Brazilian Journal of Medical and Biological Research, 2004, 37, 1581-1589.	1.5	6
151	nNOS is involved in behavioral thermoregulation of newborn rats during hypoxia. Physiology and Behavior, 2006, 89, 681-686.	2.1	6
152	Commentaries on Viewpoint: Central chemoreception is a complex system function that involves multiple brain stem sites. Journal of Applied Physiology, 2009, 106, 1467-1470.	2.5	6
153	Ionotropic glutamatergic receptors in the rostral medullary raphe modulate hypoxia and hypercapnia-induced hyperpnea. Respiratory Physiology and Neurobiology, 2011, 175, 104-111.	1.6	6
154	Cryogenic role of central endogenous hydrogen sulfide in the rat model of endotoxic shock. Brain Research, 2016, 1650, 218-223.	2.2	6
155	Involvement of endogenous central hydrogen sulfide (H₂S) in hypoxia-induced hypothermia in spontaneously hypertensive rats. Canadian Journal of Physiology and Pharmacology, 2017, 95, 157-162.	1.4	6
156	Characterization of the atrial natriuretic factor system in lungs of the toad Bufo paracnemis.. Journal of Experimental Biology, 1996, 199, 1493-1499.	1.7	6
157	Toad bladder amiloride-sensitive channels reconstituted into planar lipid bilayers. Journal of Membrane Biology, 1992, 127, 121-8.	2.1	5
158	Inhibition of the central heme oxygenase-carbon monoxide pathway increases 2-deoxy-d-glucose-induced hypothermia in rats. Neuroscience Letters, 2000, 290, 45-48.	2.1	5
159	Bone repair: Effects of physical exercise and LPS systemic exposition. Injury, 2016, 47, 1828-1834.	1.7	5
160	Sex differences and the role of ovarian hormones in site-specific nociception of SHR. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R223-R231.	1.8	5
161	Baroreceptor denervation reduces inflammatory status but worsens cardiovascular collapse during systemic inflammation. Scientific Reports, 2020, 10, 6990.	3.3	5
162	Effect of chronic ethanol exposure on rat ventilatory responses to hypoxia and hypercapnia. Clinics, 2014, 69, 360-366.	1.5	5

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163	Autonomic basis for hypoxia-induced hyperglycaemia in toads (Bufo paracnemis). Comparative Biochemistry and Physiology A, Comparative Physiology, 1992, 102, 731-733.	0.6	4
164	Participation of nitric oxide in the nucleus isthmi in CO2-drive to breathing in toads. Brazilian Journal of Medical and Biological Research, 1999, 32, 1399-1405.	1.5	4
165	Fever induced by platelet-derived growth factor, in contrast to fever induced by lipopolysaccharide, depends only on nitric oxide, but not on carbon monoxide pathway. European Journal of Pharmacology, 2003, 467, 133-140.	3.5	4
166	Gaseous neurotransmitters and their role in anapyrexia. Frontiers in Bioscience - Elite, 2010, E2, 948-960.	1.8	3
167	5-HT neurons of the medullary raphe contribute to respiratory control in toads. Respiratory Physiology and Neurobiology, 2021, 293, 103717.	1.6	3
168	Role of nitric oxide in hypoxia inhibition of fever. Journal of Applied Physiology, 1999, 87, 2186-2190.	2.5	2
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