Kenia Bicego

List of Publications by Year
in descending order

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113 papers	1,317 citations	430754 18 h-index	414303 32 g-index
117 all docs	117 docs citations	117 times ranked	1085 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.	0.8	205
2	Locus coeruleus noradrenergic neurons and CO2 drive to breathing. Pflugers Archiv European Journal of Physiology, 2008, 455, 1119-1128.	1.3	153
3	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
4	<scp>TRPV</scp>4 activates autonomic and behavioural warmthâ€defence responses in <scp>W</scp>istar rats. Acta Physiologica, 2015, 214, 275-289.	1.8	38
5	Locus coeruleus is a central chemoreceptive site in toads. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R997-R1006.	0.9	34
6	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.	0.8	32
7	Indomethacin impairs LPS-induced behavioral fever in toads. Journal of Applied Physiology, 2002, 93, 512-516.	1.2	30
8	Role of neurokinin-1 expressing neurons in the locus coeruleus on ventilatory and cardiovascular responses to hypercapnia. Respiratory Physiology and Neurobiology, 2010, 172, 24-31.	0.7	28
9	Discrete electrolytic lesion of the preoptic area prevents LPS-induced behavioral fever in toads. Journal of Experimental Biology, 2002, 205, 3513-3518.	0.8	28
10	Cardiorespiratory effects of gap junction blockade in the locus coeruleus in unanesthetized adult rats. Respiratory Physiology and Neurobiology, 2014, 190, 86-95.	0.7	26
11	Seasonal changes in plasma concentrations of the thyroid, glucocorticoid and reproductive hormones in the tegu lizard Salvator merianae. General and Comparative Endocrinology, 2019, 273, 134-143.	0.8	26
12	Role of preoptic opioid receptors in the body temperature reduction during hypoxia. Brain Research, 2009, 1286, 66-74.	1.1	24
13	Periaqueductal gray matter modulates the hypercapnic ventilatory response. Pflugers Archiv European Journal of Physiology, 2012, 464, 155-166.	1.3	23
14	Role of Locus coeruleus noradrenergic neurons in cardiorespiratory and thermal control during hypoxia. Respiratory Physiology and Neurobiology, 2010, 170, 150-156.	0.7	22
15	Ventilatory, metabolic, and thermal responses to hypercapnia in female rats: effects of estrous cycle, ovariectomy, and hormonal replacement. Journal of Applied Physiology, 2015, 119, 61-68.	1.2	22
16	Influence of estrous cycle hormonal fluctuations and gonadal hormones on the ventilatory response to hypoxia in female rats. Pflugers Archiv European Journal of Physiology, 2017, 469, 1277-1286.	1.3	22
17	Nitric oxide and fever: immune-to-brain signaling vs. thermogenesis in chicks. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R896-R905.	0.9	21
18	Serotoninergic receptors in the anteroventral preoptic region modulate the hypoxic ventilatory response. Respiratory Physiology and Neurobiology, 2006, 153, 1-13.	0.7	19

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19	Discrete electrolytic lesion of the preoptic area prevents LPS-induced behavioral fever in toads. Journal of Experimental Biology, 2002, 205, 3513-8.	0.8	19
20	Brain monoaminergic neurons and ventilatory control in vertebrates. Respiratory Physiology and Neurobiology, 2008, 164, 112-122.	0.7	18
21	Serotonergic mechanisms on breathing modulation in the rat locus coeruleus. Pflugers Archiv European Journal of Physiology, 2010, 459, 357-368.	1.3	18
22	Participation of the dorsal periaqueductal grey matter in the hypoxic ventilatory response in unanaesthetized rats. Acta Physiologica, 2014, 211, 528-537.	1.8	18
23	Thermal biology of the toadRhinella schneideriin a seminatural environment in southeastern Brazil. Temperature, 2015, 2, 554-562.	1.6	18
24	Brainstem catecholaminergic neurones and breathing control during postnatal development in male and female rats. Journal of Physiology, 2018, 596, 3299-3325.	1.3	18
25	Temperature effects on baroreflex control of heart rate in the toad, Rhinella schneideri. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 179, 81-88.	0.8	17
26	Role of A5 noradrenergic neurons in the chemoreflex control of respiratory and sympathetic activities in unanesthetized conditions. Neuroscience, 2017, 354, 146-157.	1.1	17
27	Hormonal correlates of the annual cycle of activity and body temperature in the South-American tegu lizard (Salvator merianae). General and Comparative Endocrinology, 2020, 285, 113295.	0.8	17
28	Winter metabolic depression does not change arterial baroreflex control of heart rate in the tegu lizard (Salvator merianae). Journal of Experimental Biology, 2016, 219, 725-33.	0.8	16
29	Lactate as a modulator of hypoxia-induced hyperventilation. Respiratory Physiology and Neurobiology, 2003, 138, 37-44.	0.7	15
30	Role of brain nitric oxide in the thermoregulation of broiler chicks. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 154, 204-210.	0.8	15
31	Orexinergic system in the locus coeruleus modulates the CO2 ventilatory response. Pflugers Archiv European Journal of Physiology, 2016, 468, 763-774.	1.3	15
32	Ionotropic but not metabotropic glutamatergic receptors in the locus coeruleus modulate the hypercapnic ventilatory response in unanaesthetized rats. Acta Physiologica, 2013, 208, 125-135.	1.8	13
33	ATP in the locus coeruleus as a modulator of cardiorespiratory control in unanaesthetized male rats. Experimental Physiology, 2014, 99, 232-247.	0.9	12
34	The breathing pattern and the ventilatory response to aquatic and aerial hypoxia and hypercarbia in the frog Pipa carvalhoi. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 162, 281-287.	0.8	11
35	Thermoregulatory consequences of salt loading in the lizard, Pogona vitticeps. Journal of Experimental Biology, 2015, 218, 1166-74.	0.8	11
36	Baroreflex regulation affects ventilation in the Cururu toad Rhinella schneideri. Journal of Experimental Biology, 2016, 219, 3605-3615.	0.8	11

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37	Role of central nitric oxide in behavioral thermoregulation of toads during hypoxia. Physiology and Behavior, 2008, 95, 101-107.	1.0	10
38	Role of sex hormones in hypercapnia-induced activation of the locus coeruleus in female and male rats. Neuroscience, 2016, 313, 36-45.	1.1	10
39	Participation of locus coeruleus in breathing control in female rats. Respiratory Physiology and Neurobiology, 2017, 245, 29-36.	0.7	10
40	Is lactate a mediator of hypoxia-induced anapyrexia?. Pflugers Archiv European Journal of Physiology, 2002, 444, 810-815.	1.3	9
41	Chicken hatchlings prefer ambient temperatures lower than their thermoneutral zone. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 176, 13-19.	0.8	9
42	Orexin in the toad Rhinella schneideri: The location of orexinergic neurons and the role of orexin in ventilatory responses to hypercarbia and hypoxia. Respiratory Physiology and Neurobiology, 2016, 224, 90-99.	0.7	9
43	Analysis of the respiratory component of heart rate variability in the Cururu toad Rhinella schneideri. Scientific Reports, 2017, 7, 16119.	1.6	9
44	Mu and kappa opioid receptors of the periaqueductal gray stimulate and inhibit thermogenesis, respectively, during psychological stress in rats. Pflugers Archiv European Journal of Physiology, 2017, 469, 1151-1161.	1.3	8
45	Hypoxia during embryonic development increases energy metabolism in normoxic juvenile chicks. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 207, 93-99.	0.8	8
46	Role of brain nitric oxide in the cardiovascular control of bullfrogs. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 263-271.	0.8	7
47	Age and gender influence the cardiorespiratory function and metabolic rate of broiler chicks during normocapnia and hypercapnia. Respiratory Physiology and Neurobiology, 2014, 200, 50-56.	0.7	7
48	Hypothalamic TRPV4 channels participate in the medial preoptic activation of warmth-defence responses in Wistar male rats. Pflugers Archiv European Journal of Physiology, 2019, 471, 1191-1203.	1.3	7
49	Cardiorespiratory and thermal responses to hypercapnia in chickens exposed to CO2 during embryonic development. Respiratory Physiology and Neurobiology, 2020, 273, 103317.	0.7	7
50	Regulated hypothermia in response to endotoxin in birds. Journal of Physiology, 2021, 599, 2969-2986.	1.3	7
51	Hypoxic and hypercapnic ventilatory responses in rats with polycystic ovaries. Respiratory Physiology and Neurobiology, 2015, 217, 17-24.	0.7	6
52	Effect of temperature on chemosensitive locus coeruleus neurons of Savannah monitor lizards Varanus exanthematicus. Journal of Experimental Biology, 2016, 219, 2856-2864.	0.8	6
53	Thermal tachypnea in avian embryos. Journal of Experimental Biology, 2017, 220, 4634-4643.	0.8	6
54	Seasonal variation of hypoxic and hypercarbic ventilatory responses in the lizard Tropidurus torquatus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 237, 110534.	0.8	6

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55	Metabolic and Hematological Responses to Endotoxinâ€Induced Inflammation in Chicks Experiencing Embryonic 2,3,7,8â€Tetrachlorodibenzodioxin Exposure. Environmental Toxicology and Chemistry, 2020, 39, 2208-2220.	2.2	6
56	Impact of ovariectomy and CO2 inhalation on microglia morphology in select brainstem and hypothalamic areas regulating breathing in female rats. Brain Research, 2021, 1756, 147276.	1.1	6
57	A5 noradrenergic neurons and breathing control in neonate rats. Pflugers Archiv European Journal of Physiology, 2021, 473, 859-872.	1.3	6
58	The role of testosterone in the respiratory and thermal responses to hypoxia and hypercapnia in rats. Journal of Endocrinology, 2020, 247, 101-114.	1.2	6
59	Acute effects of temperature and hypercarbia on cutaneous and branchial gas exchange in the South American lungfish, Lepidosiren paradoxa. Journal of Thermal Biology, 2017, 63, 112-118.	1.1	5
60	Hypercapnic and Hypoxic Respiratory Response During Wakefulness and Sleep in a Streptozotocin Model of Alzheimerâ€™s Disease in Rats. Journal of Alzheimer's Disease, 2018, 65, 1159-1174.	1.2	5
61	Parabronchial remodeling in chicks in response to embryonic hypoxia. Journal of Experimental Biology, 2019, 222, .	0.8	5
62	An age- and sex-dependent role of catecholaminergic neurons in the control of breathing and hypoxic chemoreflex during postnatal development. Brain Research, 2020, 1726, 146508.	1.1	5
63	A thermoregulatory role for the medullary raphe in birds. Journal of Experimental Biology, 2021, 224, .	0.8	5
64	Embryonic Thermal Manipulation Affects Ventilation, Metabolism, Thermal Control and Central Dopamine in Newly Hatched and Juvenile Chicks. Frontiers in Physiology, 2021, 12, 699142.	1.3	5
65	Seasonal changes in steroid and thyroid hormone content in shed skins of the tegu lizard Salvator merianae. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2022, 192, 127-139.	0.7	5
66	Metabolic trade-offs favor regulated hypothermia and inhibit fever in immune-challenged chicks. Journal of Experimental Biology, 2022, 225, .	0.8	5
67	Temperature effects on the cardiorespiratory control of American bullfrog tadpoles based on a non-invasive methodology. Journal of Experimental Biology, 2017, 220, 3763-3770.	0.8	4
68	Who Rules Over Immunology? Seasonal Variation in Body Temperature, Steroid Hormones, and Immune Variables in a Tegu Lizard. Integrative and Comparative Biology, 2021, 61, 1867-1880.	0.9	4
69	Thermal Acclimation to the Highest Natural Ambient Temperature Compromises Physiological Performance in Tadpoles of a Stream-Breeding Savanna Tree Frog. Frontiers in Physiology, 2021, 12, 726440.	1.3	4
70	Gaseous neurotransmitters and their role in anapyrexia. Frontiers in Bioscience - Elite, 2010, E2, 948-960.	0.9	3
71	TRPV1 Inhibits the Ventilatory Response to Hypoxia in Adult Rats, but Not the CO2-Drive to Breathe. Pharmaceuticals, 2019, 12, 19.	1.7	3
72	5-HT neurons of the medullary raphe contribute to respiratory control in toads. Respiratory Physiology and Neurobiology, 2021, 293, 103717.	0.7	3

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73	Starch and fiber intake effects on energy metabolism, growth, and carapacial scute pyramiding of red-footed tortoise hatchlings (Chelonoidis carbonaria). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2022, 265, 111131.	0.8	3
74	Prenatal fluoxetine has long-lasting, differential effects on respiratory control in male and female rats. Journal of Applied Physiology, 2022, 133, 371-389.	1.2	3
75	Corticotropin-releasing factor in the locus coeruleus as a modulator of ventilation in rats. Respiratory Physiology and Neurobiology, 2016, 233, 73-80.	0.7	2
76	Minocycline treatment effects on cognition, sleep, breathing and body temperature in a model for sporadic Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e039003.	0.4	2
77	Influence of incubation temperature on embryo development, hatchling morphology and early growth rate in red-footed tortoise (Chelonoidis carbonaria). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 259, 110999.	0.8	2
78	Influence of light/dark cycle and orexins on breathing control in green iguanas (Iguana iguana). Scientific Reports, 2020, 10, 22105.	1.6	2
79	Functional role for preoptic CB1 receptors in breathing and thermal control. Neuroscience Letters, 2020, 732, 135021.	1.0	2
80	RegulaÃ§Ã£o da temperatura corporal em diferentes estados tÃ©rmicos: Ãªnfase na anapirexia.. Revista Da Biologia, 0, 5, 1-6.	0.2	1
81	Glutamatergic neurotransmission in the Locus coeruleus modulates CO2â€drive to breathing. FASEB Journal, 2009, 23, 621.6.	0.2	1
82	Gap junction blockade in the locus coeruleus (LC) decreases the hypercapnic ventilatory response. FASEB Journal, 2012, 26, 894.10.	0.2	1
83	32.5. Role of nitric oxide in autonomic and behavioral thermoregulation. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, S139.	0.8	0
84	32.P5. Role of central nitric oxide in the hypoxia-induced behavioral anapyrexia in toads. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, S141.	0.8	0
85	Warmth-sensitive channels in thermoregulation: TRPV3 and TRPV4. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 52-53.	1.4	0
86	Editorial on physiology from the neotropics. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 242, 110641.	0.8	0
87	Role of Medulary Raphe in the Control of Thermoeffectors of Precocious Birds. FASEB Journal, 2021, 35, .	0.2	0
88	Serotoninergic receptors in the anteroventral preoptic region modulates the hypoxic ventilatory response. FASEB Journal, 2006, 20, LB30.	0.2	0
89	Locus coeruleus participates in amphibian central chemoreception. FASEB Journal, 2006, 20, A786.	0.2	0
90	Role of the locus coeruleus noradrenergic neurons on the hypercapnic ventilatory response. FASEB Journal, 2007, 21, A918.	0.2	0

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91	5â€HT1A receptor in the locus coeruleus modulates the hypercapniaâ€induced hyperventilation. FASEB Journal, 2007, 21, A918.	0.2	0
92	Serotonergic neurotransmission in the locus coeruleus modulates hypercapnic ventilatory response. FASEB Journal, 2009, 23, 621.7.	0.2	0
93	NKâ€1 receptors expressing neurons in the Locus coeruleus (LC) play a role in cardiorespiratory response to CO 2. FASEB Journal, 2010, 24, 1026.13.	0.2	0
94	Evidence of baroreflex in tegu lizards. FASEB Journal, 2010, 24, lb615.	0.2	0
95	Role of brain nitric oxide in cardiovascular control of frogs. FASEB Journal, 2011, 25, lb526.	0.2	0
96	Role of brain nitric oxide in cardiovascular control of tegu lizards. FASEB Journal, 2011, 25, lb533.	0.2	0
97	Participation of Locus coeruleus (LC) noradrenergic neurons on breathing in female rats. FASEB Journal, 2012, 26, 894.9.	0.2	0
98	Ionotropic but not metabotropic glutamatergic receptors in the Locus Coeruleus modulate the hypercapnic ventilatory response in unanesthetized rats. FASEB Journal, 2013, 27, 1137.23.	0.2	0
99	Cardiorespiratory responses to hypercapnia in chickens after embryonic exposure to CO 2. FASEB Journal, 2013, 27, lb873.	0.2	0
100	Role of the Locus coeruleus purinergic system in cardiorespiratory control under normocapnic and hypercapnic conditions in unanesthetized male rats. FASEB Journal, 2013, 27, lb875.	0.2	0
101	Orexinergic Modulation of Hypercapnic and Hypoxic Ventilatory Response in Toads. FASEB Journal, 2015, 29, 1033.6.	0.2	0
102	Respiratory Control in Female Adult Rats. FASEB Journal, 2015, 29, LB743.	0.2	0
103	TRPV4 Induces Warmâ€Defense Responses in Nonâ€Genetically Modified Rats. FASEB Journal, 2015, 29, LB713.	0.2	0
104	Developmental consequences of intraâ€uterine exposure to cannabinoids: impact on the ventilatory system of newborns rats. FASEB Journal, 2018, 32, 742.5.	0.2	0
105	Hypercapnic ventilatory response (HcVR) is increased in a rat model of Alzheimer's disease. FASEB Journal, 2018, 32, 894.5.	0.2	0
106	Intraâ€uterine Exposure to Diazepam Decrease the Ventilatory Response and Impairs the Motor Behavior of Males and Females at Postâ€natal Life. FASEB Journal, 2020, 34, 1-1.	0.2	0
107	ROLE OF GABAA AND NMDA RECEPTORS OF RAPHE IN THE CONTROL OF TERMOEFFECTORS OF PRECOCIOUS BIRDS. FASEB Journal, 2020, 34, 1-1.	0.2	0
108	Prenatal chronic stimulation of the endocannabinoid system affects the respiratory motor outputs of juvenile male and female rats. FASEB Journal, 2020, 34, 1-1.	0.2	0

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109	Influence of Incubation Temperature on Chicks Ventilation and Oxygen Consumption. FASEB Journal, 2020, 34, 1-1.	0.2	0
110	Behavioural Responses of Domestic Animals for Adapting to Thermal Stress. , 2021, , 39-48.		0
111	Role of central irisin in the cardiorespiratory and metabolic control of adult rats. FASEB Journal, 2022, 36, .	0.2	0
112	Locus coeruleus noradrenergic neurons mediate panicâ€like escape response elicited by CO ₂. FASEB Journal, 2022, 36, .	0.2	0
113	Cutaneous TRPV4 Channels Activate Warmth-Defense Responses in Young and Adult Birds. Frontiers in Physiology, 0, 13, .	1.3	0