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	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
2	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
3	Metabolic trade-offs favor regulated hypothermia and inhibit fever in immune-challenged chicks. Journal of Experimental Biology, 2022, 225, .	0.8	5
4	Role of central irisin in the cardiorespiratory and metabolic control of adult rats. FASEB Journal, 2022, 36, .	0.2	0
5	Locus coeruleus noradrenergic neurons mediate panicâ€like escape response elicited by CO ₂. FASEB Journal, 2022, 36, .	0.2	0
6	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
7	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
8	A5 noradrenergic neurons and breathing control in neonate rats. Pflugers Archiv European Journal of Physiology, 2021, 473, 859-872.	1.3	6
9	Role of Medulary Raphe in the Control of Thermoeffectors of Precocious Birds. FASEB Journal, 2021, 35, .	0.2	0
10	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
11	A thermoregulatory role for the medullary raphe in birds. Journal of Experimental Biology, 2021, 224, .	0.8	5
12	Regulated hypothermia in response to endotoxin in birds. Journal of Physiology, 2021, 599, 2969-2986.	1.3	7
13	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
14	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
15	5-HT neurons of the medullary raphe contribute to respiratory control in toads. Respiratory Physiology and Neurobiology, 2021, 293, 103717.	0.7	3
16	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
17	Behavioural Responses of Domestic Animals for Adapting to Thermal Stress. , 2021, , 39-48.		0
18	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

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19	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
20	Cardiorespiratory and thermal responses to hypercapnia in chickens exposed to CO2 during embryonic development. Respiratory Physiology and Neurobiology, 2020, 273, 103317.	0.7	7
21	Editorial on physiology from the neotropics. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 242, 110641.	0.8	0
22	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
23	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
24	Influence of light/dark cycle and orexins on breathing control in green iguanas (Iguana iguana). Scientific Reports, 2020, 10, 22105.	1.6	2
25	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
26	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
27	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
28	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
29	Influence of Incubation Temperature on Chicks Ventilation and Oxygen Consumption. FASEB Journal, 2020, 34, 1-1.	0.2	0
30	Functional role for preoptic CB1 receptors in breathing and thermal control. Neuroscience Letters, 2020, 732, 135021.	1.0	2
31	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
32	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
33	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
34	Parabronchial remodeling in chicks in response to embryonic hypoxia. Journal of Experimental Biology, 2019, 222, .	0.8	5
35	TRPV1 Inhibits the Ventilatory Response to Hypoxia in Adult Rats, but Not the CO2-Drive to Breathe. Pharmaceuticals, 2019, 12, 19.	1.7	3
36	Brainstem catecholaminergic neurones and breathing control during postnatal development in male and female rats. Journal of Physiology, 2018, 596, 3299-3325.	1.3	18

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37	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
38	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
39	Hypercapnic ventilatory response (HcVR) is increased in a rat model of Alzheimer's disease. FASEB Journal, 2018, 32, 894.5.	0.2	0
40	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
41	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
42	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
43	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
44	Thermal tachypnea in avian embryos. Journal of Experimental Biology, 2017, 220, 4634-4643.	0.8	6
45	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
46	Analysis of the respiratory component of heart rate variability in the Cururu toad Rhinella schneideri. Scientific Reports, 2017, 7, 16119.	1.6	9
47	Participation of locus coeruleus in breathing control in female rats. Respiratory Physiology and Neurobiology, 2017, 245, 29-36.	0.7	10
48	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
49	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
50	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
51	Baroreflex regulation affects ventilation in the Cururu toad Rhinella schneideri. Journal of Experimental Biology, 2016, 219, 3605-3615.	0.8	11
52	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
53	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
54	Orexinergic system in the locus coeruleus modulates the CO2 ventilatory response. Pflugers Archiv European Journal of Physiology, 2016, 468, 763-774.	1.3	15

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55	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
56	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
57	Thermoregulatory consequences of salt loading in the lizard, Pogona vitticeps. Journal of Experimental Biology, 2015, 218, 1166-74.	0.8	11
58	Hypoxic and hypercapnic ventilatory responses in rats with polycystic ovaries. Respiratory Physiology and Neurobiology, 2015, 217, 17-24.	0.7	6
59	Thermal biology of the toadRhinella schneideriin a seminatural environment in southeastern Brazil. Temperature, 2015, 2, 554-562.	1.6	18
60	<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
61	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
62	Warmth-sensitive channels in thermoregulation: TRPV3 and TRPV4. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 52-53.	1.4	0
63	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
64	Orexinergic Modulation of Hypercapnic and Hypoxic Ventilatory Response in Toads. FASEB Journal, 2015, 29, 1033.6.	0.2	0
65	Respiratory Control in Female Adult Rats. FASEB Journal, 2015, 29, LB743.	0.2	0
66	TRPV4 Induces Warmâ€Defense Responses in Nonâ€Genetically Modified Rats. FASEB Journal, 2015, 29, LB713.	0.2	0
67	Participation of the dorsal periaqueductal grey matter in the hypoxic ventilatory response in unanaesthetized rats. Acta Physiologica, 2014, 211, 528-537.	1.8	18
68	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
69	ATP in the locus coeruleus as a modulator of cardiorespiratory control in unanaesthetized male rats. Experimental Physiology, 2014, 99, 232-247.	0.9	12
70	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
71	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
72	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

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73	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
74	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
75	Cardiorespiratory responses to hypercapnia in chickens after embryonic exposure to CO 2. FASEB Journal, 2013, 27, lb873.	0.2	0
76	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
77	Periaqueductal gray matter modulates the hypercapnic ventilatory response. Pflugers Archiv European Journal of Physiology, 2012, 464, 155-166.	1.3	23
78	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
79	Participation of Locus coeruleus (LC) noradrenergic neurons on breathing in female rats. FASEB Journal, 2012, 26, 894.9.	0.2	0
80	Gap junction blockade in the locus coeruleus (LC) decreases the hypercapnic ventilatory response. FASEB Journal, 2012, 26, 894.10.	0.2	1
81	Role of brain nitric oxide in cardiovascular control of frogs. FASEB Journal, 2011, 25, lb526.	0.2	0
82	Role of brain nitric oxide in cardiovascular control of tegu lizards. FASEB Journal, 2011, 25, lb533.	0.2	0
83	Serotonergic mechanisms on breathing modulation in the rat locus coeruleus. Pflugers Archiv European Journal of Physiology, 2010, 459, 357-368.	1.3	18
84	Role of Locus coeruleus noradrenergic neurons in cardiorespiratory and thermal control during hypoxia. Respiratory Physiology and Neurobiology, 2010, 170, 150-156.	0.7	22
85	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
86	Gaseous neurotransmitters and their role in anapyrexia. Frontiers in Bioscience - Elite, 2010, E2, 948-960.	0.9	3
87	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
88	Evidence of baroreflex in tegu lizards. FASEB Journal, 2010, 24, lb615.	0.2	0
89	Role of preoptic opioid receptors in the body temperature reduction during hypoxia. Brain Research, 2009, 1286, 66-74.	1.1	24
90	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

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91	Glutamatergic neurotransmission in the Locus coeruleus modulates CO2â€drive to breathing. FASEB Journal, 2009, 23, 621.6.	0.2	1
92	Serotonergic neurotransmission in the locus coeruleus modulates hypercapnic ventilatory response. FASEB Journal, 2009, 23, 621.7.	0.2	0
93	Locus coeruleus noradrenergic neurons and CO2 drive to breathing. Pflugers Archiv European Journal of Physiology, 2008, 455, 1119-1128.	1.3	153
94	Brain monoaminergic neurons and ventilatory control in vertebrates. Respiratory Physiology and Neurobiology, 2008, 164, 112-122.	0.7	18
95	Role of central nitric oxide in behavioral thermoregulation of toads during hypoxia. Physiology and Behavior, 2008, 95, 101-107.	1.0	10
96	Physiology of temperature regulation: Comparative aspects. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 147, 616-639.	0.8	205
97	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
98	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
99	Role of the locus coeruleus noradrenergic neurons on the hypercapnic ventilatory response. FASEB Journal, 2007, 21, A918.	0.2	0
100	5â€HT1A receptor in the locus coeruleus modulates the hypercapniaâ€induced hyperventilation. FASEB Journal, 2007, 21, A918.	0.2	0
101	Serotoninergic receptors in the anteroventral preoptic region modulate the hypoxic ventilatory response. Respiratory Physiology and Neurobiology, 2006, 153, 1-13.	0.7	19
102	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
103	Serotoninergic receptors in the anteroventral preoptic region modulates the hypoxic ventilatory response. FASEB Journal, 2006, 20, LB30.	0.2	0
104	Locus coeruleus participates in amphibian central chemoreception. FASEB Journal, 2006, 20, A786.	0.2	0
105	Lactate as a modulator of hypoxia-induced hyperventilation. Respiratory Physiology and Neurobiology, 2003, 138, 37-44.	0.7	15
106	Indomethacin impairs LPS-induced behavioral fever in toads. Journal of Applied Physiology, 2002, 93, 512-516.	1.2	30
107	Is lactate a mediator of hypoxia-induced anapyrexia?. Pflugers Archiv European Journal of Physiology, 2002, 444, 810-815.	1.3	9
108	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

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109	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
110	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
111	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
112	RegulaÃ§Ã£o da temperatura corporal em diferentes estados tÃ©rmicos: Ãªnfase na anapirexia.. Revista Da Biologia, 0, 5, 1-6.	0.2	1
113	Cutaneous TRPV4 Channels Activate Warmth-Defense Responses in Young and Adult Birds. Frontiers in Physiology, 0, 13, .	1.3	0