

# Glauber S F Da Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

542  
citations

623699

14  
h-index

713444

21  
g-index

41  
all docs

41  
docs citations

41  
times ranked

515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Short- and long-term effects of a maternal low-protein diet on ventilation, O <sub>2</sub> /CO <sub>2</sub> chemoreception and arterial blood pressure in male rat offspring. <i>British Journal of Nutrition</i> , 2014, 111, 606-615.	2.3	55
2	Serotonergic neurons in the nucleus raphe obscurus contribute to interaction between central and peripheral ventilatory responses to hypercapnia. <i>Pflugers Archiv European Journal of Physiology</i> , 2011, 462, 407-418.	2.8	42
3	Role of neurokinin-1 expressing neurons in the locus coeruleus on ventilatory and cardiovascular responses to hypercapnia. <i>Respiratory Physiology and Neurobiology</i> , 2010, 172, 24-31.	1.6	28
4	Serotonin in the dorsal periaqueductal gray inhibits panic-like defensive behaviors in rats exposed to acute hypoxia. <i>Neuroscience</i> , 2015, 307, 191-198.	2.3	28
5	Hypercapnia-induced active expiration increases in sleep and enhances ventilation in unanaesthetized rats. <i>Journal of Physiology</i> , 2018, 596, 3271-3283.	2.9	27
6	High CO <sub>2</sub> /H <sup>+</sup> dialysis in the caudal ventrolateral medulla (Loeschcke's area) increases ventilation in wakefulness. <i>Respiratory Physiology and Neurobiology</i> , 2010, 171, 46-53.	1.6	25
7	Panic-like escape response elicited in mice by exposure to CO <sub>2</sub> , but not hypoxia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 178-186.	4.8	24
8	A Biosafety Level 2 Mouse Model for Studying Betacoronavirus-Induced Acute Lung Damage and Systemic Manifestations. <i>Journal of Virology</i> , 2021, 95, e0127621.	3.4	23
9	Ventilatory, metabolic, and thermal responses to hypercapnia in female rats: effects of estrous cycle, ovariectomy, and hormonal replacement. <i>Journal of Applied Physiology</i> , 2015, 119, 61-68.	2.5	22
10	Influence of estrous cycle hormonal fluctuations and gonadal hormones on the ventilatory response to hypoxia in female rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 1277-1286.	2.8	22
11	Aestivation in the South American lungfish, <i>Lepidosiren paradoxa</i> : Effects on cardiovascular function, blood gases, osmolality and leptin levels. <i>Respiratory Physiology and Neurobiology</i> , 2008, 164, 380-385.	1.6	21
12	Temperature and respiratory function in ectothermic vertebrates. <i>Journal of Thermal Biology</i> , 2013, 38, 55-63.	2.5	19
13	Endogenous preoptic hydrogen sulphide attenuates hypoxia-induced hyperventilation. <i>Acta Physiologica</i> , 2014, 210, 913-927.	3.8	18
14	Central hydrogen sulphide mediates ventilatory responses to hypercapnia in adult conscious rats. <i>Acta Physiologica</i> , 2014, 212, 239-247.	3.8	18
15	Serotonergic neurons in the nucleus raphe obscurus are not involved in the ventilatory and thermoregulatory responses to hypoxia in adult rats. <i>Respiratory Physiology and Neurobiology</i> , 2013, 187, 139-148.	1.6	13
16	Excitatory Modulation of the preBötzing Complex Inspiratory Rhythm Generating Network by Endogenous Hydrogen Sulfide. <i>Frontiers in Physiology</i> , 2017, 8, 452.	2.8	12
17	The breathing pattern and the ventilatory response to aquatic and aerial hypoxia and hypercarbia in the frog <i>Pipa carvalhoi</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 162, 281-287.	1.8	11
18	High-fat diet induces site-specific unresponsiveness to LPS-stimulated STAT3 activation in the hypothalamus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R34-R44.	1.8	11

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19	Baroreflex regulation affects ventilation in the Cururu toad <i>Rhinella schneideri</i> . <i>Journal of Experimental Biology</i> , 2016, 219, 3605-3615.	1.7	11
20	Blood gases and cardiovascular shunt in the South American lungfish ( <i>Lepidosiren paradoxa</i> ) during normoxia and hyperoxia. <i>Respiratory Physiology and Neurobiology</i> , 2010, 173, 47-50.	1.6	10
21	Combined ventilatory responses to aerial hypoxia and temperature in the South American lungfish <i>Lepidosiren paradoxa</i> . <i>Journal of Thermal Biology</i> , 2011, 36, 521-526.	2.5	9
22	Purinergic transmission in the rostral but not caudal medullary raphe contributes to the hypercapnia-induced ventilatory response in unanesthetized rats. <i>Respiratory Physiology and Neurobiology</i> , 2012, 184, 41-47.	1.6	9
23	Behavioral, Ventilatory and Thermoregulatory Responses to Hypercapnia and Hypoxia in the Wistar Audiogenic Rat (WAR) Strain. <i>PLoS ONE</i> , 2016, 11, e0154141.	2.5	9
24	Analysis of the respiratory component of heart rate variability in the Cururu toad <i>Rhinella schneideri</i> . <i>Scientific Reports</i> , 2017, 7, 16119.	3.3	9
25	Central administration of aminooxyacetate, an inhibitor of H <sub>2</sub> S production, affects thermoregulatory but not cardiovascular and ventilatory responses to hypercapnia in spontaneously hypertensive rats. <i>Respiratory Physiology and Neurobiology</i> , 2019, 263, 38-46.	1.6	8
26	Cardiorespiratory and thermal responses to hypercapnia in chickens exposed to CO <sub>2</sub> during embryonic development. <i>Respiratory Physiology and Neurobiology</i> , 2020, 273, 103317.	1.6	7
27	Role of hydrogen sulfide in ventilatory responses to hypercapnia in the medullary raphe of adult rats. <i>Experimental Physiology</i> , 2021, 106, 1992-2001.	2.0	7
28	Effects of aerial hypoxia and temperature on pulmonary breathing pattern and gas exchange in the South American lungfish, <i>Lepidosiren paradoxa</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2017, 207, 107-115.	1.8	5
29	Acute effects of temperature and hypercarbia on cutaneous and branchial gas exchange in the South American lungfish, <i>Lepidosiren paradoxa</i> . <i>Journal of Thermal Biology</i> , 2017, 63, 112-118.	2.5	5
30	Carotid body removal normalizes arterial blood pressure and respiratory frequency in offspring of protein-restricted mothers. <i>Hypertension Research</i> , 2018, 41, 1000-1012.	2.7	5
31	Temperature effects on the cardiorespiratory control of American bullfrog tadpoles based on a non-invasive methodology. <i>Journal of Experimental Biology</i> , 2017, 220, 3763-3770.	1.7	4
32	Respiratory control of acid-base status in lungfish. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 237, 110533.	1.8	4
33	Differential modulation of active expiration during hypercapnia by the medullary raphe in unanesthetized rats. <i>Pflügers Archiv European Journal of Physiology</i> , 2020, 472, 1563-1576.	2.8	4
34	Lesion of Serotonergic Afferents to the Retrotrapezoid Nucleus Impairs the Tachypneic Response to Hypercapnia in Unanesthetized Animals. <i>Neuroscience</i> , 2021, 452, 63-77.	2.3	4
35	Inhibition of nNOS in the paraventricular nucleus of hypothalamus decreases exercise-induced hyperthermia. <i>Brain Research Bulletin</i> , 2021, 177, 64-72.	3.0	4
36	Buccal jet streaming and dead space determination in the South American lungfish, <i>Lepidosiren paradoxa</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 235, 159-165.	1.8	3

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37	Strategies adopted by undergraduate teaching assistants in physiology and biophysics education during the COVID-19 pandemic. American Journal of Physiology - Advances in Physiology Education, 2022, 46, 351-357.	1.6	3
38	Aestivation in Amphibians, Reptiles, and Lungfish. , 2009, , 179-189.		2
39	Commentaries on Viewpoint: Time to reconsider how ventilation is regulated above the respiratory compensation point during incremental exercise. Journal of Applied Physiology, 2020, 128, 1450-1455.	2.5	1
40	Role of hydrogen sulfide (H <sub>2</sub> S) on the ventilatory responses to hypercapnia. FASEB Journal, 2013, 27, lb870.	0.5	0