Mirian Bassi

List of Publications by Citations

27 papers	444 citations	13 h-index	21 g-index
30 ext. papers	527 ext. citations	3.3 avg, IF	3.18 L-index

#	Paper	IF	Citations
27	The nucleus of the solitary tract and the coordination of respiratory and sympathetic activities. *Frontiers in Physiology*, **2014**, 5, 238	4.6	96
26	Leptin into the ventrolateral medulla facilitates chemorespiratory response in leptin-deficient (ob/ob) mice. *Acta Physiologica*, **2014**, 211, 240-8	5.6	38
25	Acid-base regulation in the South American lungfish Lepidosiren paradoxa: effects of prolonged hypercarbia on blood gases and pulmonary ventilation. *Physiological and Biochemical Zoology*, **2005**, 78, 908-15	2	37
24	Resistance training prevents the cardiovascular changes caused by high-fat diet. *Life Sciences*, **2016**, 146, 154-62	6.8	35
23	Central leptin replacement enhances chemorespiratory responses in leptin-deficient mice independent of changes in body weight. *Pflugers Archiv European Journal of Physiology*, **2012**, 464, 145-53	4.6	25
22	Pulmonary oxygen diffusing capacity of the South American lungfish Lepidosiren paradoxa: physiological values by the Bohr method. *Physiological and Biochemical Zoology*, **2005**, 78, 560-9	2	24
21	Activation of the brain melanocortin system is required for leptin-induced modulation of chemorespiratory function. *Acta Physiologica*, **2015**, 213, 893-901	5.6	23
20	Control of respiratory and cardiovascular functions by leptin. *Life Sciences*, **2015**, 125, 25-31	6.8	23
19	Chronic effects of centrally administered adiponectin on appetite, metabolism and blood pressure regulation in normotensive and hypertensive rats. *Peptides*, **2012**, 37, 1-5	3.8	22
18	Hindbrain mineralocorticoid mechanisms on sodium appetite. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 304, R252-9	3.2	22
17	Differential modulation of sympathetic and respiratory activities by cholinergic mechanisms in the nucleus of the solitary tract in rats. *Experimental Physiology*, **2014**, 99, 743-58	2.4	16
16	Systemic but not central nervous system nitric oxide synthase inhibition exacerbates the hypertensive effects of chronic melanocortin-3/4 receptor activation. *Hypertension*, **2011**, 57, 428-34	8.5	16
15	Chronic central nervous system MC3/4R blockade attenuates hypertension induced by nitric oxide synthase inhibition but not by angiotensin II infusion. *Hypertension*, **2015**, 65, 171-7	8.5	15
14	Decreased neuron loss and memory dysfunction in pilocarpine-treated rats pre-exposed to hypoxia. *Neuroscience*, **2016**, 332, 88-100	3.9	12
13	Importance of AT1 and AT2 receptors in the nucleus of the solitary tract in cardiovascular responses induced by a high-fat diet. *Hypertension Research*, **2019**, 42, 439-449	4.7	11
12	Blood gases and cardiovascular shunt in the South American lungfish (Lepidosiren paradoxa) during normoxia and hyperoxia. *Respiratory Physiology and Neurobiology*, **2010**, 173, 47-50	2.8	9
11	High-fat diet increases respiratory frequency and abdominal expiratory motor activity during hypercapnia. *Respiratory Physiology and Neurobiology*, **2018**, 258, 32-39	2.8	6

List of Publications

10	Leptin: Master Regulator of Biological Functions that Affects Breathing. *Comprehensive Physiology*, **2020**, 10, 1047-1083	7.7	5
9	Carotid bodies contribute to sympathoexcitation induced by acute salt overload. *Experimental Physiology*, **2019**, 104, 15-27	2.4	4
8	Modulation of hypercapnic respiratory response by cholinergic transmission in the commissural nucleus of the solitary tract. *Pflugers Archiv European Journal of Physiology*, **2020**, 472, 49-60	4.6	3
7	Effects of leptin in the retrotrapezoid nucleus (RTN) on CO2-sensitivity and respiration.. *FASEB Journal*, **2013**, 27, 1137.12	0.9	2
6	RESPIRATORY CHANGES IN OFFSPRING OF HIGH FAT DIET FED DAMS. *FASEB Journal*, **2018**, 32, 913.18	0.9	
5	Losartan Injected into the Nucleus of the Solitary Tract Blunts Pressor Mechanisms Activated by High-Fat Diet. *FASEB Journal*, **2015**, 29, 984.9	0.9	
4	Sympathetic and respiratory activities during increases in osmolarity in an in situ rat preparation.. *FASEB Journal*, **2015**, 29, 658.4	0.9	
3	Chronic CNS actions of adiponectin on appetite, metabolism and blood pressure. *FASEB Journal*, **2010**, 24, 780.1	0.9	
2	Central mechanisms activated by leptin to modify hypercapnia-induced ventilatory responses. *FASEB Journal*, **2012**, 26, 702.16	0.9	
1	Control of sympathetic and phrenic nerve activity by cholinergic mechanisms in the nucleus of the solitary tract (NTS). *FASEB Journal*, **2012**, 26, 702.11	0.9	