Giulia Alessandra Wiggers

List of Publications by Year
in descending order

41 papers	1,154 citations	394286 19 h-index	395590 33 g-index
41 all docs	41 docs citations	41 times ranked	1424 citing authors

#	Article	IF	Citations
1	Toxic Effects of Mercury on the Cardiovascular and Central Nervous Systems. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-11.	3.0	239
2	Low mercury concentrations cause oxidative stress and endothelial dysfunction in conductance and resistance arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1033-H1043.	1.5	128
3	Chronic Exposure to Low Doses of Mercury Impairs Sperm Quality and Induces Oxidative Stress in Rats. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 143-154.	1.1	58
4	Toxic effects of mercury, lead and gadolinium on vascular reactivity. Brazilian Journal of Medical and Biological Research, 2011, 44, 939-946.	0.7	50
5	Mercury induces proliferation and reduces cell size in vascular smooth muscle cells through MAPK, oxidative stress and cyclooxygenase-2 pathways. Toxicology and Applied Pharmacology, 2013, 268, 188-200.	1.3	49
6	The role of cyclooxygenase (COX)-2 derived prostanoids on vasoconstrictor responses to phenylephrine is increased by exposure to low mercury concentration. Journal of Physiology and Pharmacology, 2010, 61, 29-36.	1.1	43
7	Apocynin Prevents Vascular Effects Caused by Chronic Exposure to Low Concentrations of Mercury. PLoS ONE, 2013, 8, e55806.	1.1	40
8	Aluminum exposure at human dietary levels promotes vascular dysfunction and increases blood pressure in rats: A concerted action of NAD(P)H oxidase and COX-2. Toxicology, 2017, 390, 10-21.	2.0	37
9	Low nanomolar concentration of mercury chloride increases vascular reactivity to phenylephrine and local angiotensin production in rats. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 147, 252-260.	1.3	34
10	Aluminum Exposure at Human Dietary Levels for 60 Days Reaches a Threshold Sufficient to Promote Memory Impairment in Rats. Neurotoxicity Research, 2017, 31, 20-30.	1.3	33
11	Cadmium exposure activates NADPH oxidase, reninâ€“angiotensin system and cyclooxygenase 2 pathways in arteries, inducing hypertension and vascular damage. Toxicology Letters, 2020, 333, 80-89.	0.4	32
12	Aluminum exposure for 60 days at human dietary levels impairs spermatogenesis and sperm quality in rats. Reproductive Toxicology, 2017, 73, 128-141.	1.3	31
13	60-Day Chronic Exposure to Low Concentrations of HgCl2 Impairs Sperm Quality: Hormonal Imbalance and Oxidative Stress as Potential Routes for Reproductive Dysfunction in Rats. PLoS ONE, 2014, 9, e111202.	1.1	31
14	Egg white-derived peptides prevent cardiovascular disorders induced by mercury in rats: Role of angiotensin-converting enzyme (ACE) and NADPH oxidase. Toxicology Letters, 2017, 281, 158-174.	0.4	30
15	Lead reduces tension development and the myosin ATPase activity of the rat right ventricular myocardium. Brazilian Journal of Medical and Biological Research, 2008, 41, 789-795.	0.7	29
16	Ameliorative effects of egg white hydrolysate on recognition memory impairments associated with chronic exposure to low mercury concentration. Neurochemistry International, 2016, 101, 30-37.	1.9	27
17	Egg white-derived peptides prevent male reproductive dysfunction induced by mercury in rats. Food and Chemical Toxicology, 2017, 100, 253-264.	1.8	22
18	Chronic mercury at low doses impairs white adipose tissue plasticity. Toxicology, 2019, 418, 41-50.	2.0	21

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19	Chronic exposure to low mercury chloride concentration induces object recognition and aversive memories deficits in rats. International Journal of Developmental Neuroscience, 2013, 31, 468-472.	0.7	20
20	Egg white hydrolysate promotes neuroprotection for neuropathic disorders induced by chronic exposure to low concentrations of mercury. Brain Research, 2016, 1646, 482-489.	1.1	19
21	Aluminum exposure for 60 days at an equivalent human dietary level promotes peripheral dysfunction in rats. Journal of Inorganic Biochemistry, 2018, 181, 169-176.	1.5	19
22	Reproductive dysfunction after mercury exposure at low levels: evidence for a role of glutathione peroxidase (GPx) 1 and GPx4 in male rats. Reproduction, Fertility and Development, 2017, 29, 1803.	0.1	18
23	Egg White Hydrolysate as a functional food ingredient to prevent cognitive dysfunction in rats following long-term exposure to aluminum. Scientific Reports, 2019, 9, 1868.	1.6	16
24	Mechanical insufflation/exsufflation improves respiratory mechanics in critical care: Randomized crossover trial. Respiratory Physiology and Neurobiology, 2019, 266, 115-120.	0.7	14
25	Aluminum exposure for one hour decreases vascular reactivity in conductance and resistance arteries in rats. Toxicology and Applied Pharmacology, 2016, 313, 109-118.	1.3	13
26	The cessation of the long-term exposure to low doses of mercury ameliorates the increase in systolic blood pressure and vascular damage in rats. Environmental Research, 2017, 155, 182-192.	3.7	13
27	Egg White Hydrolysate: A new putative agent to prevent vascular dysfunction in rats following long-term exposure to aluminum. Food and Chemical Toxicology, 2019, 133, 110799.	1.8	12
28	Cerebrovascular endothelial dysfunction induced by mercury exposure at low concentrations. NeuroToxicology, 2016, 53, 282-289.	1.4	11
29	Mercury-induced vascular dysfunction is mediated by angiotensin II AT-1 receptor upregulation. Environmental Research, 2018, 162, 287-296.	3.7	10
30	Mercury at environmental relevant levels affects spermatozoa function and fertility capacity in bovine sperm. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2019, 82, 268-278.	1.1	10
31	Endothelium: A Target for Harmful Actions of Metals. Current Hypertension Reviews, 2021, 16, 201-209.	0.5	8
32	Bioactive Peptides and Hydrolysates from Egg Proteins as a New Tool for Protection Against Cardiovascular Problems. Current Pharmaceutical Design, 2020, 26, 3676-3683.	0.9	8
33	Maternity in the Brazilian CV Lattes: when will it become a reality?. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20201370.	0.3	7
34	Small doses of mercury increase arterial pressure reactivity to phenylephrine in rats. Environmental Toxicology and Pharmacology, 2007, 24, 92-97.	2.0	6
35	Antioxidant Properties of Egg White Hydrolysate Prevent Mercury-Induced Vascular Damage in Resistance Arteries. Frontiers in Physiology, 2020, 11, 595767.	1.3	4
36	Multi-functional egg white hydrolysate prevent hypertension and vascular dysfunction induced by cadmium in rats. Journal of Functional Foods, 2022, 94, 105131.	1.6	4

#	Article	IF	Citations
37	Egg white hydrolysate prevents reproductive impairments induced by cadmium in rats. Journal of Functional Foods, 2020, 67, 103823.	1.6	3
38	Potential benefits of egg white hydrolysate in the prevention of Hg-induced dysfunction in adipose tissue. Food and Function, 2022, 13, 5996-6007.	2.1	3
39	Los efectos cardiopulmonares del Cough AssistÂ® son similares a los promovidos por la tos voluntaria en sujetos sanos. Ensayo clÃnico aleatorizado. Fisioterapia, 2016, 38, 174-181.	0.2	1
40	Impact of continuous positive airway pressure on the pulmonary changes promoted by immersion in water. Jornal Brasileiro De Pneumologia, 2017, 43, 409-415.	0.4	1
41	Efeitos da exposiÃ§Ã£o crÃ´nica ao mercÃºrio em circulaÃ§Ãµes especiais. , 2016, 2, .		0