

Giulia Alessandra Wiggers

List of Publications by Year in descending order

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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	Potential benefits of egg white hydrolysate in the prevention of Hg-induced dysfunction in adipose tissue. <i>Food and Function</i> , 2022, 13, 5996-6007.	2.1	3
2	Multi-functional egg white hydrolysate prevent hypertension and vascular dysfunction induced by cadmium in rats. <i>Journal of Functional Foods</i> , 2022, 94, 105131.	1.6	4
3	Endothelium: A Target for Harmful Actions of Metals. <i>Current Hypertension Reviews</i> , 2021, 16, 201-209.	0.5	8
4	Maternity in the Brazilian CV Lattes: when will it become a reality?. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20201370.	0.3	7
5	Antioxidant Properties of Egg White Hydrolysate Prevent Mercury-Induced Vascular Damage in Resistance Arteries. <i>Frontiers in Physiology</i> , 2020, 11, 595767.	1.3	4
6	Cadmium exposure activates NADPH oxidase, renin-angiotensin system and cyclooxygenase 2 pathways in arteries, inducing hypertension and vascular damage. <i>Toxicology Letters</i> , 2020, 333, 80-89.	0.4	32
7	Egg white hydrolysate prevents reproductive impairments induced by cadmium in rats. <i>Journal of Functional Foods</i> , 2020, 67, 103823.	1.6	3
8	Bioactive Peptides and Hydrolysates from Egg Proteins as a New Tool for Protection Against Cardiovascular Problems. <i>Current Pharmaceutical Design</i> , 2020, 26, 3676-3683.	0.9	8
9	Egg White Hydrolysate: A new putative agent to prevent vascular dysfunction in rats following long-term exposure to aluminum. <i>Food and Chemical Toxicology</i> , 2019, 133, 110799.	1.8	12
10	Mechanical insufflation/exsufflation improves respiratory mechanics in critical care: Randomized crossover trial. <i>Respiratory Physiology and Neurobiology</i> , 2019, 266, 115-120.	0.7	14
11	Mercury at environmental relevant levels affects spermatozoa function and fertility capacity in bovine sperm. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 268-278.	1.1	10
12	Chronic mercury at low doses impairs white adipose tissue plasticity. <i>Toxicology</i> , 2019, 418, 41-50.	2.0	21
13	Egg White Hydrolysate as a functional food ingredient to prevent cognitive dysfunction in rats following long-term exposure to aluminum. <i>Scientific Reports</i> , 2019, 9, 1868.	1.6	16
14	Mercury-induced vascular dysfunction is mediated by angiotensin II AT-1 receptor upregulation. <i>Environmental Research</i> , 2018, 162, 287-296.	3.7	10
15	Aluminum exposure for 60 days at an equivalent human dietary level promotes peripheral dysfunction in rats. <i>Journal of Inorganic Biochemistry</i> , 2018, 181, 169-176.	1.5	19
16	The cessation of the long-term exposure to low doses of mercury ameliorates the increase in systolic blood pressure and vascular damage in rats. <i>Environmental Research</i> , 2017, 155, 182-192.	3.7	13
17	Reproductive dysfunction after mercury exposure at low levels: evidence for a role of glutathione peroxidase (GPx) 1 and GPx4 in male rats. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1803.	0.1	18
18	Egg white-derived peptides prevent male reproductive dysfunction induced by mercury in rats. <i>Food and Chemical Toxicology</i> , 2017, 100, 253-264.	1.8	22

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19	Egg white-derived peptides prevent cardiovascular disorders induced by mercury in rats: Role of angiotensin-converting enzyme (ACE) and NADPH oxidase. <i>Toxicology Letters</i> , 2017, 281, 158-174.	0.4	30
20	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. <i>Toxicology</i> , 2017, 390, 10-21.	2.0	37
21	Aluminum exposure for 60 days at human dietary levels impairs spermatogenesis and sperm quality in rats. <i>Reproductive Toxicology</i> , 2017, 73, 128-141.	1.3	31
22	Aluminum Exposure at Human Dietary Levels for 60 Days Reaches a Threshold Sufficient to Promote Memory Impairment in Rats. <i>Neurotoxicity Research</i> , 2017, 31, 20-30.	1.3	33
23	Impact of continuous positive airway pressure on the pulmonary changes promoted by immersion in water. <i>Jornal Brasileiro De Pneumologia</i> , 2017, 43, 409-415.	0.4	1
24	Egg white hydrolysate promotes neuroprotection for neuropathic disorders induced by chronic exposure to low concentrations of mercury. <i>Brain Research</i> , 2016, 1646, 482-489.	1.1	19
25	Aluminum exposure for one hour decreases vascular reactivity in conductance and resistance arteries in rats. <i>Toxicology and Applied Pharmacology</i> , 2016, 313, 109-118.	1.3	13
26	Cerebrovascular endothelial dysfunction induced by mercury exposure at low concentrations. <i>NeuroToxicology</i> , 2016, 53, 282-289.	1.4	11
27	Ameliorative effects of egg white hydrolysate on recognition memory impairments associated with chronic exposure to low mercury concentration. <i>Neurochemistry International</i> , 2016, 101, 30-37.	1.9	27
28	Los efectos cardiopulmonares del Cough Assist [®] son similares a los promovidos por la tos voluntaria en sujetos sanos. Ensayo clínico aleatorizado. <i>Fisioterapia</i> , 2016, 38, 174-181.	0.2	1
29	Efeitos da exposição crônica ao mercúrio em circulação em meses especiais. , 2016, 2, .		0
30	Chronic Exposure to Low Doses of Mercury Impairs Sperm Quality and Induces Oxidative Stress in Rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 143-154.	1.1	58
31	60-Day Chronic Exposure to Low Concentrations of HgCl ₂ Impairs Sperm Quality: Hormonal Imbalance and Oxidative Stress as Potential Routes for Reproductive Dysfunction in Rats. <i>PLoS ONE</i> , 2014, 9, e111202.	1.1	31
32	Chronic exposure to low mercury chloride concentration induces object recognition and aversive memories deficits in rats. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 468-472.	0.7	20
33	Mercury induces proliferation and reduces cell size in vascular smooth muscle cells through MAPK, oxidative stress and cyclooxygenase-2 pathways. <i>Toxicology and Applied Pharmacology</i> , 2013, 268, 188-200.	1.3	49
34	Apocynin Prevents Vascular Effects Caused by Chronic Exposure to Low Concentrations of Mercury. <i>PLoS ONE</i> , 2013, 8, e55806.	1.1	40
35	Toxic Effects of Mercury on the Cardiovascular and Central Nervous Systems. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-11.	3.0	239
36	Toxic effects of mercury, lead and gadolinium on vascular reactivity. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 939-946.	0.7	50

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37	The role of cyclooxygenase (COX)-2 derived prostanoids on vasoconstrictor responses to phenylephrine is increased by exposure to low mercury concentration. <i>Journal of Physiology and Pharmacology</i> , 2010, 61, 29-36.	1.1	43
38	Low nanomolar concentration of mercury chloride increases vascular reactivity to phenylephrine and local angiotensin production in rats. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 147, 252-260.	1.3	34
39	Low mercury concentrations cause oxidative stress and endothelial dysfunction in conductance and resistance arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1033-H1043.	1.5	128
40	Lead reduces tension development and the myosin ATPase activity of the rat right ventricular myocardium. <i>Brazilian Journal of Medical and Biological Research</i> , 2008, 41, 789-795.	0.7	29
41	Small doses of mercury increase arterial pressure reactivity to phenylephrine in rats. <i>Environmental Toxicology and Pharmacology</i> , 2007, 24, 92-97.	2.0	6