

Edgar Cano-Europa

List of Publications by Year in descending order

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35
papers

593
citations

686830

13
h-index

642321

23
g-index

35
all docs

35
docs citations

35
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	Phycobiliproteins or C-phycoerythrin of <i>Arthrospira (Spirulina) maxima</i> protect against HgCl ₂ -caused oxidative stress and renal damage. <i>Food Chemistry</i> , 2012, 135, 2359-2365.	4.2	78
2	Hypothyroidism induces selective oxidative stress in amygdala and hippocampus of rat. <i>Metabolic Brain Disease</i> , 2008, 23, 275-287.	1.4	72
3	Phycobiliproteins from <i>Pseudanabaena tenuis</i> rich in c-phycoerythrin protect against HgCl ₂ -caused oxidative stress and cellular damage in the kidney. <i>Journal of Applied Phycology</i> , 2010, 22, 495-501.	1.5	53
4	Methimazole-induced hypothyroidism causes cellular damage in the spleen, heart, liver, lung and kidney. <i>Acta Histochemica</i> , 2011, 113, 1-5.	0.9	47
5	<i>Arthrospira maxima (Spirulina)</i> and C-phycoerythrin prevent the progression of chronic kidney disease and its cardiovascular complications. <i>Journal of Functional Foods</i> , 2018, 43, 37-43.	1.6	32
6	Lidocaine affects the redox environment and the antioxidant enzymatic system causing oxidative stress in the hippocampus and amygdala of adult rats. <i>Life Sciences</i> , 2008, 83, 681-685.	2.0	30
7	Methimazole-induced hypothyroidism causes alteration of the REDOX environment, oxidative stress, and hepatic damage; events not caused by hypothyroidism itself. <i>Annals of Hepatology</i> , 2010, 9, 80-88.	0.6	24
8	<i>Chlorella vulgaris</i> administration prevents HgCl ₂ -caused oxidative stress and cellular damage in the kidney. <i>Journal of Applied Phycology</i> , 2011, 23, 53-58.	1.5	23
9	Hippocampus and amygdala neurotoxicity produced by systemic lidocaine in adult rats. <i>Life Sciences</i> , 2007, 81, 691-694.	2.0	22
10	Phycocyanobilin is the molecule responsible for the nephroprotective action of phycocyanin in acute kidney injury caused by mercury. <i>Food and Function</i> , 2021, 12, 2985-2994.	2.1	21
11	Endoplasmic reticulum stress participates in the pathophysiology of mercury-caused acute kidney injury. <i>Renal Failure</i> , 2019, 41, 1001-1010.	0.8	18
12	C-Phycocyanin prevents acute myocardial infarction-induced oxidative stress, inflammation and cardiac damage. <i>Pharmaceutical Biology</i> , 2022, 60, 755-763.	1.3	17
13	Hypothyroidism Causes Endoplasmic Reticulum Stress in Adult Rat Hippocampus: A Mechanism Associated with Hippocampal Damage. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	15
14	C-phycoerythrin from <i>Phormidium persicinum</i> Prevents Acute Kidney Injury by Attenuating Oxidative and Endoplasmic Reticulum Stress. <i>Marine Drugs</i> , 2021, 19, 589.	2.2	15
15	An increase of oxidative stress markers and the alteration of the antioxidant enzymatic system are associated with spleen damage caused by methimazole-induced hypothyroidism. <i>Drug and Chemical Toxicology</i> , 2011, 34, 180-188.	1.2	14
16	Palmitone prevents pentylentetrazole-caused neuronal damage in the CA3 hippocampal region of prepubertal rats. <i>Neuroscience Letters</i> , 2010, 470, 111-114.	1.0	12
17	Maternal Thyroid Hormone Deficiency During Gestation and Lactation Alters Metabolic and Thyroid Programming of the Offspring in the Adult Stage. <i>Hormone and Metabolic Research</i> , 2019, 51, 381-388.	0.7	10
18	Ketamine prevents lidocaine-caused neurotoxicity in the CA3 hippocampal and basolateral amygdala regions of the brain in adult rats. <i>Journal of Anesthesia</i> , 2008, 22, 471-474.	0.7	9

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19	Hypothyroidism during neonatal and perinatal period induced by thyroidectomy of the mother causes depressive-like behavior in prepubertal rats. <i>Neuropsychiatric Disease and Treatment</i> , 2010, 6, 137.	1.0	9
20	Phycobiliproteins and phycocyanin of <i>Arthrospira maxima</i> (<i>Spirulina</i>) reduce apoptosis promoters and glomerular dysfunction in mercury-related acute kidney injury. <i>Toxicology Research and Application</i> , 2018, 2, 239784731880507.	0.7	9
21	Methimazole-induced hypothyroidism causes alteration of the REDOX environment, oxidative stress, and hepatic damage; events not caused by hypothyroidism itself. <i>Annals of Hepatology</i> , 2010, 9, 80-8.	0.6	9
22	A Canola Oil-Supplemented Diet Prevents Type I Diabetes-Caused Lipotoxicity and Renal Dysfunction in a Rat Model. <i>Journal of Medicinal Food</i> , 2016, 19, 1041-1047.	0.8	8
23	Gallic Acid Prevents the Oxidative and Endoplasmic Reticulum Stresses in the Hippocampus of Adult-Onset Hypothyroid Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 671614.	1.6	8
24	Hypothyroidism maintained reactive oxygen species "steady state in the kidney of rats intoxicated with ethylene glycol: effect related to an increase in the glutathione that maintains the redox environment. <i>Toxicology and Industrial Health</i> , 2013, 29, 555-566.	0.6	7
25	<i>Arthrospira maxima</i> (<i>Spirulina</i>) prevents endoplasmic reticulum stress in the kidney through its C-phycocyanin. <i>Journal of Zhejiang University: Science B</i> , 2021, 22, 603-608.	1.3	6
26	Hypothyroid offspring replacement with euthyroid wet nurses during lactation improves thyroid programming without modifying metabolic programming. <i>Archives of Endocrinology and Metabolism</i> , 2019, 63, 199-207.	0.3	5
27	Safety evaluation and antiobesogenic effect of <i>Sargassum liebmannii</i> J. Agardh (Fucales: Phaeophyceae) in rodents. <i>Journal of Applied Phycology</i> , 2019, 31, 2597-2607.	1.5	5
28	Neonatal bilateral lidocaine administration into the ventral hippocampus caused postpubertal behavioral changes: An animal model of neurodevelopmental psychopathological disorders. <i>Neuropsychiatric Disease and Treatment</i> , 2009, 5, 15-22.	1.0	5
29	The Nutraceutical Antihypertensive Action of C-Phycocyanin in Chronic Kidney Disease Is Related to the Prevention of Endothelial Dysfunction. <i>Nutrients</i> , 2022, 14, 1464.	1.7	3
30	Regulation of the Redox Environment. , 2015, , .		2
31	Thyroxine Treatment During the Perinatal Stage Prevents the Alterations in the ObRb-STAT3 Leptin Signaling Pathway Caused by Congenital Hypothyroidism. <i>Hormone and Metabolic Research</i> , 2020, 52, 815-821.	0.7	2
32	Toxicological and therapeutic evaluation of the algae <i>Macrocystis pyrifera</i> (Phaeophyceae) in rodents. <i>Revista De Biologia Marina Y Oceanografia</i> , 2020, 55, 119.	0.1	2
33	Hypothyroidism minimizes the effects of acute hepatic failure caused by endoplasmic reticulum stress and redox environment alterations in rats. <i>Acta Histochemica</i> , 2015, 117, 811-819.	0.9	1
34	Antioxidant and Hypoglycaemic Effects of <i>Ardisia Compressa</i> (HBEK, Myrsinaceae) Extract in Type 2 Diabetic Rats. <i>Tropical Journal of Pharmaceutical Research</i> , 2014, 13, 913.	0.2	0
35	Polymeric nanofiber dressings with incorporated rifampicin for transdermal administration. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 1032-1041.	1.8	0