

# Solange Cristina Garcia

## List of Publications by Year in descending order

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172  
papers

4,872  
citations

94381

37  
h-index

128225

60  
g-index

175  
all docs

175  
docs citations

175  
times ranked

7309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Importance of the lipid peroxidation biomarkers and methodological aspects FOR malondialdehyde quantification. <i>Quimica Nova</i> , 2009, 32, 169-174.	0.3	279
2	Rapid quantification of malondialdehyde in plasma by high performance liquid chromatographyâ€“visible detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 619-624.	1.4	276
3	Prenatal methylmercury exposure hampers glutathione antioxidant system ontogenesis and causes long-lasting oxidative stress in the mouse brain. <i>Toxicology and Applied Pharmacology</i> , 2008, 227, 147-154.	1.3	191
4	The Antioxidant Activity of Coumarins and Flavonoids. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 318-334.	1.1	117
5	Biomarkers of occupational exposure to air pollution, inflammation and oxidative damage in taxi drivers. <i>Science of the Total Environment</i> , 2013, 463-464, 884-893.	3.9	115
6	Relationship between Inflammation and Oxidative Stress and Cognitive Decline in the Institutionalized Elderly. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-12.	1.9	113
7	Mercury exposure and oxidative stress in communities of the Brazilian Amazon. <i>Science of the Total Environment</i> , 2010, 408, 806-811.	3.9	108
8	Aminolevulinatase ( $\gamma$ -ALA-D) as marker protein of intoxication with metals and other pro-oxidant situations. <i>Toxicology Research</i> , 2012, 1, 85.	0.9	97
9	Concentrations of p-synephrine in fruits and leaves of Citrus species (Rutaceae) and the acute toxicity testing of Citrus aurantium extract and p-synephrine. <i>Food and Chemical Toxicology</i> , 2008, 46, 2770-2775.	1.8	90
10	Chronic hyperhomocysteinemia alters antioxidant defenses and increases DNA damage in brain and blood of rats: Protective effect of folic acid. <i>Neurochemistry International</i> , 2009, 54, 7-13.	1.9	88
11	Presence of synthetic pharmaceuticals as adulterants in slimming phytotherapeutic formulations and their analytical determination. <i>Forensic Science International</i> , 2011, 204, 6-12.	1.3	80
12	Evaluation of genotoxicity and oxidative damage in painters exposed to low levels of toluene. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 746, 42-48.	0.9	78
13	Antioxidant properties of Krebs cycle intermediates against malonate pro-oxidant activity in vitro: A comparative study using the colorimetric method and HPLC analysis to determine malondialdehyde in rat brain homogenates. <i>Life Sciences</i> , 2007, 81, 51-62.	2.0	77
14	Low levels of methylmercury induce DNA damage in rats: protective effects of selenium. <i>Archives of Toxicology</i> , 2009, 83, 249-254.	1.9	68
15	Atherosclerotic process in taxi drivers occupationally exposed to air pollution and co-morbidities. <i>Environmental Research</i> , 2014, 131, 31-38.	3.7	67
16	Low level and sub-chronic exposure to methylmercury induces hypertension in rats: nitric oxide depletion and oxidative damage as possible mechanisms. <i>Archives of Toxicology</i> , 2009, 83, 653-662.	1.9	64
17	Evidence that L-Carnitine and Selenium Supplementation Reduces Oxidative Stress in Phenylketonuric Patients. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 429-436.	1.7	64
18	Subchronic toxicity of Citrus aurantium L. (Rutaceae) extract and p-synephrine in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2009, 54, 114-117.	1.3	63

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19	Effect of astaxanthin on kidney function impairment and oxidative stress induced by mercuric chloride in rats. <i>Food and Chemical Toxicology</i> , 2008, 46, 212-219.	1.8	61
20	Polymorphisms in glutathione-related genes modify mercury concentrations and antioxidant status in subjects environmentally exposed to methylmercury. <i>Science of the Total Environment</i> , 2013, 463-464, 319-325.	3.9	59
21	Associations among environmental exposure to manganese, neuropsychological performance, oxidative damage and kidney biomarkers in children. <i>Environmental Research</i> , 2016, 147, 32-43.	3.7	58
22	Effects of low-level exposure to xenobiotics present in paints on oxidative stress in workers. <i>Science of the Total Environment</i> , 2010, 408, 4461-4467.	3.9	57
23	<i>Caenorhabditis elegans</i> as an alternative in vivo model to determine oral uptake, nanotoxicity, and efficacy of melatonin-loaded lipid-core nanocapsules on paraquat damage. <i>International Journal of Nanomedicine</i> , 2015, 10, 5093.	3.3	56
24	Ischemia-modified albumin as an oxidative stress biomarker in obesity. <i>Clinical Biochemistry</i> , 2011, 44, 345-347.	0.8	53
25	Acute and Subchronic Toxicity Evaluation of Poly( $\epsilon$ -Caprolactone) Lipid-Core Nanocapsules in Rats. <i>Toxicological Sciences</i> , 2013, 132, 162-176.	1.4	53
26	Blood thioredoxin reductase activity, oxidative stress and hematological parameters in painters and battery workers: relationship with lead and cadmium levels in blood. <i>Journal of Applied Toxicology</i> , 2013, 33, 142-150.	1.4	48
27	Genotoxicity and oxidative stress in gasoline station attendants. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 754, 63-70.	0.9	45
28	Evaluation of genotoxicity in workers exposed to benzene and atmospheric pollutants. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 770, 61-65.	0.9	45
29	Influence of chronic exercise on reserpine-induced oxidative stress in rats: Behavioral and antioxidant evaluations. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 88, 465-472.	1.3	44
30	The relationships between exogenous and endogenous antioxidants with the lipid profile and oxidative damage in hemodialysis patients. <i>BMC Nephrology</i> , 2011, 12, 59.	0.8	44
31	A new method for the simultaneous determination of 1,4-benzodiazepines and amfepramone as adulterants in phytotherapeutic formulations by voltammetry. <i>Forensic Science International</i> , 2010, 202, 75-81.	1.3	43
32	Cognitive deficits and ALA-D-inhibition in children exposed to multiple metals. <i>Environmental Research</i> , 2015, 136, 387-395.	3.7	43
33	Determination of sodium, potassium, calcium, magnesium, zinc, and iron in emulsified egg samples by flame atomic absorption spectrometry. <i>Talanta</i> , 2010, 80, 1282-1286.	2.9	42
34	Occupational risk assessment of oxidative stress and genotoxicity in workers exposed to paints during a working week. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2011, 24, 308-19.	0.6	42
35	<i>N</i> -acetylcysteine on oxidative damage in diabetic rats. <i>Drug and Chemical Toxicology</i> , 2011, 34, 467-474.	1.2	42
36	Inflammatory and oxidative stress parameters as potential early biomarkers for silicosis. <i>Clinica Chimica Acta</i> , 2018, 484, 305-313.	0.5	42

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37	New Insights into the Chemistry and Antioxidant Activity of Coumarins. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 2600-2623.	1.0	42
38	Evaluation of the Antioxidant Capacity of Synthesized Coumarins. <i>International Journal of Molecular Sciences</i> , 2012, 13, 7260-7270.	1.8	40
39	Experimental evidence of oxidative stress in plasma of homocystinuric patients: A possible role for homocysteine. <i>Molecular Genetics and Metabolism</i> , 2011, 104, 112-117.	0.5	38
40	The influence of the hemodialysis treatment time under oxidative stress biomarkers in chronic renal failure patients. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 378-382.	2.5	37
41	Quantification of reduced glutathione by HPLC-UV in erythrocytes of hemodialysis patients. <i>Biomedical Chromatography</i> , 2008, 22, 460-468.	0.8	35
42	Fatty Acid Status and Its Relationship to Cognitive Decline and Homocysteine Levels in the Elderly. <i>Nutrients</i> , 2014, 6, 3624-3640.	1.7	35
43	In vivo toxicological evaluation of polymeric nanocapsules after intradermal administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 167-177.	2.0	35
44	Biomonitoring of gasoline station attendants exposed to benzene: Effect of gender. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 813, 1-9.	0.9	35
45	Early hematological and immunological alterations in gasoline station attendants exposed to benzene. <i>Environmental Research</i> , 2015, 137, 349-356.	3.7	34
46	Effects of genetic polymorphisms on antioxidant status and concentrations of the metals in the blood of riverside Amazonian communities co-exposed to Hg and Pb. <i>Environmental Research</i> , 2015, 138, 224-232.	3.7	34
47	Protective effect of <i>Uncaria tomentosa</i> extract against oxidative stress and genotoxicity induced by glyphosate-Roundup® using zebrafish ( <i>Danio rerio</i> ) as a model. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11703-11715.	2.7	34
48	Polyphenol-rich food general and on pregnancy effects: a review. <i>Drug and Chemical Toxicology</i> , 2017, 40, 368-374.	1.2	33
49	Human erythrocyte $\Gamma$ -aminolevulinatase activity and oxidative stress in hemodialysis patients. <i>Clinical Biochemistry</i> , 2007, 40, 591-594.	0.8	31
50	Tissue digestion for aluminum determination in experimental animal studies. <i>Analytical Biochemistry</i> , 2008, 377, 120-127.	1.1	31
51	Aluminum Content in Intravenous Solutions for Administration to Neonates. <i>Journal of Parenteral and Enteral Nutrition</i> , 2010, 34, 322-328.	1.3	31
52	Reversal of fetal ductal constriction after maternal restriction of polyphenol-rich foods: an open clinical trial. <i>Journal of Perinatology</i> , 2012, 32, 574-579.	0.9	31
53	In vitro cardiotoxicity evaluation of graphene oxide. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 841, 8-13.	0.9	31
54	Determination of synthetic pharmaceuticals in phytotherapeutics by capillary zone electrophoresis with contactless conductivity detection (CZE-C4D). <i>Microchemical Journal</i> , 2010, 96, 114-119.	2.3	30

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55	Protective effects of melatonin-loaded lipid-core nanocapsules on paraquat-induced cytotoxicity and genotoxicity in a pulmonary cell line. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 784-785, 1-9.	0.9	27
56	Reprotoxicity of glyphosate-based formulation in <i>Caenorhabditis elegans</i> is not due to the active ingredient only. <i>Environmental Pollution</i> , 2019, 252, 1854-1862.	3.7	27
57	The plasma retinol levels as pro-oxidant/oxidant agents in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 2212-2218.	0.4	25
58	Role of medication in the level of aluminium in the blood of chronic haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 1277-1281.	0.4	25
59	Evaluation of toxic effects of a diet containing fish contaminated with methylmercury in rats mimicking the exposure in the Amazon riverside population. <i>Environmental Research</i> , 2011, 111, 1074-1082.	3.7	25
60	Evaluation of lipid damage related to pathological and physiological conditions. <i>Drug and Chemical Toxicology</i> , 2013, 36, 306-312.	1.2	25
61	Subchronic Oral Administration of Benzo[a]pyrene Impairs Motor and Cognitive Behavior and Modulates S100B Levels and MAPKs in Rats. <i>Neurochemical Research</i> , 2014, 39, 731-740.	1.6	25
62	The influence of the serum vitamin C levels on oxidative stress biomarkers in elderly women. <i>Clinical Biochemistry</i> , 2007, 40, 1367-1372.	0.8	24
63	Evaluation of Glutathione S-transferase GSTM1 and GSTT1 Polymorphisms and Methylmercury Metabolism in an Exposed Amazon Population. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 960-970.	1.1	24
64	Association between inflammation processes, DNA damage, and exposure to environmental pollutants. <i>Environmental Science and Pollution Research</i> , 2017, 24, 353-362.	2.7	24
65	Long-Term Excessive Selenium Supplementation Induces Hypertension in Rats. <i>Biological Trace Element Research</i> , 2018, 182, 70-77.	1.9	24
66	Aluminum Loading in Preterm Neonates Revisited. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010, 51, 237-241.	0.9	23
67	Ischemia modified albumin and carbonyl protein as potential biomarkers of protein oxidation in hemodialysis. <i>Clinical Biochemistry</i> , 2012, 45, 450-454.	0.8	23
68	Liver $\gamma$ -Aminolevulinic Dehydratase Activity is Inhibited by Neonicotinoids and Restored by Antioxidant Agents. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 11676-11690.	1.2	23
69	Independency of myocardial stunning of endothelial stunning?. <i>Basic Research in Cardiology</i> , 2007, 102, 359-367.	2.5	22
70	Urinary 1-Hydroxypyrene is Associated with Oxidative Stress and Inflammatory Biomarkers in Acute Myocardial Infarction. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 9024-9037.	1.2	22
71	Development and validation of a food frequency questionnaire for consumption of polyphenol-rich foods in pregnant women. <i>Maternal and Child Nutrition</i> , 2015, 11, 511-524.	1.4	22
72	Screening for in vivo (anti)estrogenic activity of ephedrine and p-synephrine and their natural sources <i>Ephedra sinica</i> Stapf. (Ephedraceae) and <i>Citrus aurantium</i> L. (Rutaceae) in rats. <i>Archives of Toxicology</i> , 2009, 83, 95-99.	1.9	21

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73	Evaluation of Toxic Metals and Essential Elements in Children with Learning Disabilities from a Rural Area of Southern Brazil. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 10806-10823.	1.2	21
74	Relationship between blood metals and inflammation in taxi drivers. <i>Clinica Chimica Acta</i> , 2015, 444, 176-181.	0.5	21
75	Nitric oxide and reactive species are modulated in the polyphenol-induced ductus arteriosus constriction in pregnant sheep. <i>Prenatal Diagnosis</i> , 2014, 34, 1268-1276.	1.1	20
76	Fetal ductal constriction caused by maternal ingestion of green tea in late pregnancy: an experimental study. <i>Prenatal Diagnosis</i> , 2012, 32, 921-926.	1.1	19
77	Behavioral and dopaminergic damage induced by acute iron toxicity in <i>Caenorhabditis elegans</i> . <i>Toxicology Research</i> , 2015, 4, 878-884.	0.9	19
78	Microcystin-LR exposure induces oxidative damage in <i>Caenorhabditis elegans</i> : Protective effect of lutein extracted from marigold flowers. <i>Food and Chemical Toxicology</i> , 2017, 109, 60-67.	1.8	19
79	Exposure to environment chemicals and its possible role in endocrine disruption of children from a rural area. <i>Environmental Research</i> , 2018, 167, 488-498.	3.7	19
80	Biomarkers of exposure, effect, and susceptibility in occupational exposure to traffic-related air pollution: A review. <i>Journal of Applied Toxicology</i> , 2020, 40, 722-736.	1.4	19
81	Interference of single walled carbon nanotubes (SWCNT) in the measurement of lipid peroxidation in aquatic organisms through TBARS assay. <i>Ecotoxicology and Environmental Safety</i> , 2017, 140, 103-108.	2.9	18
82	Environmental exposure and effects on health of children from a tobacco-producing region. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2851-2865.	2.7	17
83	Biochemical, hematological and immunological parameters and relationship with occupational exposure to pesticides and metals. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29291-29302.	2.7	17
84	Are Delta-Aminolevulinatase Dehydratase Inhibition and Metal Concentrations Additional Factors for the Age-Related Cognitive Decline?. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 10851-10867.	1.2	16
85	Methionine Stimulates Motor Impairment And Cerebellar Mercury Deposition in Methylmercury-Exposed Mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 46-56.	1.1	16
86	Adenosine reduces reactive oxygen species and interleukin-8 production by <i>Trichomonas vaginalis</i> -stimulated neutrophils. <i>Purinergic Signalling</i> , 2017, 13, 569-577.	1.1	16
87	Energy drink and alcohol combination leads to kidney and liver alterations in rats. <i>Toxicology and Applied Pharmacology</i> , 2018, 355, 138-146.	1.3	16
88	Plasma Malondialdehyde Levels and Risk Factors for the Development of Chronic Complications in Type 2 Diabetic Patients on Insulin Therapy. <i>Clinical Laboratory</i> , 2013, 59, .	0.2	16
89	Butyrylcholinesterase activity is reduced in haemodialysis patients: Is there association with hyperhomocysteinemia and/or oxidative stress?. <i>Clinical Biochemistry</i> , 2008, 41, 474-479.	0.8	15
90	Association among Microalbuminuria and Oxidative Stress Biomarkers in Patients with Type 2 Diabetes. <i>Journal of Investigative Medicine</i> , 2011, 59, 649-654.	0.7	15

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91	The role of B7 costimulation in benzene immunotoxicity and its potential association with cancer risk. <i>Environmental Research</i> , 2018, 166, 91-99.	3.7	15
92	In vitro effect of genistein on DNA damage in leukocytes from mucopolysaccharidosis IVA patients. <i>Molecular Genetics and Metabolism</i> , 2014, 111, 205-208.	0.5	14
93	Effect of N-1 arylation of monastrol on kinesin Eg5 inhibition in glioma cell lines. <i>MedChemComm</i> , 2018, 9, 995-1010.	3.5	14
94	Melatonin-loaded lipid-core nanocapsules protect against lipid peroxidation caused by paraquat through increased SOD expression in <i>Caenorhabditis elegans</i> . <i>BMC Pharmacology &amp; Toxicology</i> , 2019, 20, 80.	1.0	14
95	Inflammatory and oxidative stress biomarkers at protein and molecular levels in workers occupationally exposed to crystalline silica. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1394-1405.	2.7	14
96	Occupational risk assessment of exposure to metals in chrome plating workers. <i>Drug and Chemical Toxicology</i> , 2022, 45, 560-567.	1.2	14
97	Toxic effects of pesticides on cellular and humoral immunity: an overview. <i>Immunopharmacology and Immunotoxicology</i> , 2022, 44, 816-831.	1.1	14
98	Fisiopatologia da deficiência de vitamina B12 e seu diagnóstico laboratorial. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2005, 41, 323.	0.3	13
99	Aspectos gerais e diagnóstico clinicolaboratorial da intoxicação por paraquat. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2006, 42, 235-243.	0.3	13
100	Analysis of the NTPDase and ecto-5'-nucleotidase profiles in serum-limited <i>Trichomonas vaginalis</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 170-177.	0.8	13
101	Plasma malondialdehyde levels and risk factors for the development of chronic complications in type 2 diabetic patients on insulin therapy. <i>Clinical Laboratory</i> , 2012, 58, 973-8.	0.2	13
102	Possíveis efeitos do cobre sanguíneo sobre parâmetros hematológicos em idosos. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2010, 46, 463-470.	0.3	12
103	Designer drugs: aspectos analíticos e biológicos. <i>Quimica Nova</i> , 2012, 35, 149-158.	0.3	12
104	A LC-UV method to assay N-acetylcysteine without derivatization: analyses of pharmaceutical products. <i>Analytical Methods</i> , 2013, 5, 3321.	1.3	12
105	Evaluation of immunological, inflammatory, and oxidative stress biomarkers in gasoline station attendants. <i>BMC Pharmacology &amp; Toxicology</i> , 2019, 20, 75.	1.0	12
106	Evaluation of hematological, biochemical parameters and thiol enzyme activity in chrome plating workers. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1892-1901.	2.7	12
107	Ciclosporina A e tacrolimus: uma revisão. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2004, 40, 393-401.	0.3	11
108	Evaluation of biochemical and redox parameters in rats fed with corn grown in soil amended with urban sewage sludge. <i>Ecotoxicology and Environmental Safety</i> , 2013, 95, 188-194.	2.9	11

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109	Oral Treatment of Spontaneously Hypertensive Rats with Captopril-Surface Functionalized Furosemide-Loaded Multi-Wall Lipid-Core Nanocapsules. <i>Pharmaceutics</i> , 2020, 12, 80.	2.0	11
110	Bioassays to screen the toxicity in drinking water samples collected in Brazilian rural area. <i>Toxicology Research</i> , 2021, 10, 856-867.	0.9	11
111	Oxidative damage, inflammation, genotoxic effect, and global DNA methylation caused by inhalation of formaldehyde and the purpose of melatonin. <i>Toxicology Research</i> , 2021, 9, 778-789.	0.9	11
112	Liquid Chromatography With Ultraviolet Absorbance Detection of Ethylenethiourea in Blood Serum After Microwave Irradiation as an Auxiliary Cleanup Step. <i>Analyst</i> , The, 1997, 122, 733-735.	1.7	10
113	Do poly(epsilon-caprolactone) lipid-core nanocapsules induce oxidative or inflammatory damage after in vivo subchronic treatment?. <i>Toxicology Research</i> , 2015, 4, 994-1005.	0.9	10
114	Toxic elements in packed red blood cells from smoker donors: a risk for paediatric transfusion?. <i>Vox Sanguinis</i> , 2019, 114, 808-815.	0.7	10
115	Chemobrain in Breast Cancer: Mechanisms, Clinical Manifestations, and Potential Interventions. <i>Drug Safety</i> , 2022, 45, 601-621.	1.4	10
116	Avaliaç�o da estabilidade do marcador plasm�tico do estresse oxidativo: malondialde�do. <i>Quimica Nova</i> , 2008, 31, 275-279.	0.3	9
117	Quantificaç�o simult�nea de indicadores biol�gicos de exposiç�o a solventes org�nicos por cromatografia l�quida de alta efici�ncia. <i>Quimica Nova</i> , 2008, 31, .	0.3	9
118	Simultaneous quantification of lycopene, �-carotene, retinol and �-tocopherol in plasma after a simple extraction procedure: stability study and application to human volunteers. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1441-1449.	0.6	9
119	<i>Trichomonas vaginalis</i> NTPDase and ecto-5�-nucleotidase hydrolyze guanine nucleotides and increase extracellular guanosine levels under serum restriction. <i>Molecular and Biochemical Parasitology</i> , 2016, 207, 10-18.	0.5	9
120	Evaluation of potential acute cardiotoxicity of biodegradable nanocapsules in rats by intravenous administration. <i>Toxicology Research</i> , 2016, 5, 168-179.	0.9	9
121	Polymeric Nanoparticles: In Vivo Toxicological Evaluation, Cardiotoxicity, and Hepatotoxicity. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 299-324.	0.1	9
122	Imidacloprid-based commercial pesticide causes behavioral, biochemical, and hematological impairments in Wistar rats. <i>Environmental Toxicology and Pharmacology</i> , 2022, 94, 103924.	2.0	9
123	Os riscos e danos nas intoxicaç�es por paraquat em animais dom�sticos. <i>Ciencia Rural</i> , 2007, 37, 1506-1512.	0.3	8
124	Sub�chronic Exposure to Methylmercury at Low Levels Decreases Butyrylcholinesterase Activity in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 106, 95-99.	1.2	8
125	Blood antioxidant nutrients in riparian villagers of the Brazilian Amazon: its associations with wet/dry seasons and modulation by sociodemographic determinants. <i>Cadernos Saude Coletiva</i> , 2016, 24, 21-31.	0.2	8
126	Gender differences in biochemical markers and oxidative stress of rats after 28 days oral exposure to a mixture used for weight loss containing p-synephrine, ephedrine, salicin, and caffeine. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2016, 52, 59-68.	1.2	8



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127	Hepatoprotective activity of <i>Verbena litoralis</i> , <i>Verbena montevidensis</i> and their main iridoid, brasoside. <i>Journal of Ethnopharmacology</i> , 2019, 239, 111906.	2.0	8
128	Ochratoxin A presence in Cabernet Sauvignon wine changes antioxidant activity in vitro and oxidative stress markers in vivo. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 1755-1764.	1.1	8
129	Occupational exposure assessment in professionals who manipulate and administer antineoplastic drugs in a university hospital in Southern Brazil. <i>Journal of Oncology Pharmacy Practice</i> , 2021, 27, 107815522110036.	0.5	8
130	Quantificação e estabilidade de vitamina C por CLAE-UV e estudo de estabilidade. <i>Quimica Nova</i> , 2012, 35, 403-407.	0.3	8
131	The Role of Alternative Toxicological Trials in Drug Discovery Programs. The Case of <i>Caenorhabditis elegans</i> and Other Methods. <i>Current Medicinal Chemistry</i> , 2022, 29, 5270-5288.	1.2	8
132	Intoxicação em cães e gatos: diagnóstico toxicológico empregando cromatografia em camada delgada e cromatografia líquida de alta pressão com detecção ultravioleta em amostras estomacais. <i>Ciencia Rural</i> , 2010, 40, 1109-1113.	0.3	7
133	Ozone generated by air purifier in low concentrations: friend or foe?. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22673-22678.	2.7	7
134	Novel coumarins active against <i>Trypanosoma cruzi</i> and toxicity assessment using the animal model <i>Caenorhabditis elegans</i> . <i>BMC Pharmacology &amp; Toxicology</i> , 2019, 20, 76.	1.0	7
135	Dietary exposure to mercury and its relation to cytogenetic instability in populations from the La Mojana region, northern Colombia. <i>Chemosphere</i> , 2021, 265, 129066.	4.2	7
136	Determinação voltamétrica de metais em águas e fluidos biológicos empregando mineralização de amostras com radiação ultravioleta. <i>Quimica Nova</i> , 2008, 31, 1336-1342.	0.3	6
137	Sensitivity of young rats to nicotine exposure: Physiological and biochemical parameters. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 242-247.	2.9	6
138	Exogenous and endogenous antioxidants attenuate the lipid peroxidation in workers occupationally exposed to paints. <i>Drug and Chemical Toxicology</i> , 2014, 37, 69-75.	1.2	6
139	Are metals and pyrene levels additional factors playing a pivotal role in air pollution-induced inflammation in taxi drivers?. <i>Toxicology Research</i> , 2018, 7, 8-12.	0.9	6
140	New pharmacological findings linked to biphenyl DHPMs, kinesin Eg5 ligands: anticancer and antioxidant effects. <i>Future Medicinal Chemistry</i> , 2020, 12, 1137-1154.	1.1	6
141	Toxicology study of nanoclays adsorbed with the antimicrobial peptide nisin on <i>Caenorhabditis elegans</i> . <i>Applied Clay Science</i> , 2020, 188, 105490.	2.6	6
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143	Levamisole, a cocaine cutting agent, induces acute and subchronic systemic alterations in Wistar rats. <i>Toxicology and Applied Pharmacology</i> , 2021, 426, 115649.	1.3	6
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146	Estimation of total arsenic contamination and exposure in Brazilian rice and infant cereals. <i>Drug and Chemical Toxicology</i> , 2021, 44, 400-408.	1.2	5
147	O problema da contaminação na determinação de traços de alumínio. <i>Quimica Nova</i> , 1997, 20, .	0.3	5
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149	DNA damage in the elderly is associated with 5-MTHF levels: a pro-oxidant activity. <i>Toxicology Research</i> , 2017, 6, 333-341.	0.9	4
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162	Atropisomerism in <i>N</i> -aryl Substituted 3,4-dihydropyrimidin-2(1H)-thiones. <i>ChemistrySelect</i> , 2020, 5, 13212-13222.	0.7	2

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