

Solange Cristina Garcia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166
papers

3,744
citations

33
h-index

53
g-index

175
ext. papers

4,279
ext. citations

3.8
avg. IF

4.79
L-index

#	Paper	IF	Citations
166	Vitamin A deficiency and associated risk factors in children aged 12-59 months living in poorest municipalities in the South Region of Brazil.. <i>Public Health Nutrition</i> , 2022 , 1-26	3.3	0
165	Occupational exposure to crystalline silica and peripheral biomarkers: An update. <i>Journal of Applied Toxicology</i> , 2022 , 42, 87-102	4.1	0
164	Pharmaceutical Nanocarriers: Nanotoxicology 2022 , 840-853		
163	Children Environmentally Exposed to Agrochemicals in Rural Areas Present Changes in Oxidative Status and DNA Damage. <i>Biological Trace Element Research</i> , 2021 , 1	4.5	0
162	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, 1205-1213	1.7	3
161	Estimation of total arsenic contamination and exposure in Brazilian rice and infant cereals. <i>Drug and Chemical Toxicology</i> , 2021 , 44, 400-408	2.3	3
160	Cellular response to chemicals present in air pollution in occupationally exposed workers and its potential cancer susceptibility. <i>Chemosphere</i> , 2021 , 263, 127857	8.4	0
159	Dietary exposure to mercury and its relation to cytogenetic instability in populations from "La Mojana" region, northern Colombia. <i>Chemosphere</i> , 2021 , 265, 129066	8.4	1
158	Sintocalmy, a <i>Passiflora incarnata</i> Based Herbal, Attenuates Morphine Withdrawal in Mice. <i>Neurochemical Research</i> , 2021 , 46, 1092-1100	4.6	
157	Bioassays to screen the toxicity in drinking water samples collected in Brazilian rural area. <i>Toxicology Research</i> , 2021 , 10, 856-867	2.6	2
156	Levamisole, a cocaine cutting agent, induces acute and subchronic systemic alterations in Wistar rats. <i>Toxicology and Applied Pharmacology</i> , 2021 , 426, 115649	4.6	2
155	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	5.1	8
154	New pharmacological findings linked to biphenyl DHPMs, kinesin Eg5 ligands: anticancer and antioxidant effects. <i>Future Medicinal Chemistry</i> , 2020 , 12, 1137-1154	4.1	2
153	Toxicology study of nanoclays adsorbed with the antimicrobial peptide nisin on <i>Caenorhabditis elegans</i> . <i>Applied Clay Science</i> , 2020 , 188, 105490	5.2	4
152	<i>Trichomonas vaginalis</i> NTPDase inhibited by lycorine modulates the parasite-neutrophil interaction. <i>Parasitology Research</i> , 2020 , 119, 2587-2595	2.4	3
151	Occupational risk assessment of exposure to metals in chrome plating workers. <i>Drug and Chemical Toxicology</i> , 2020 , 1-8	2.3	6
150	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	4.1	8

149	Oral Treatment of Spontaneously Hypertensive Rats with Captopril-Surface Functionalized Furosemide-Loaded Multi-Wall Lipid-Core Nanocapsules. <i>Pharmaceutics</i> , 2020 , 12,	6.4	5
148	Cigarette smoking and antioxidant defences in packed red blood cells prior to storage. <i>Blood Transfusion</i> , 2020 , 18, 40-48	3.6	1
147	Oxidative damage, inflammation, genotoxic effect, and global DNA methylation caused by inhalation of formaldehyde and the purpose of melatonin. <i>Toxicology Research</i> , 2020 , 9, 778-789	2.6	7
146	Piperazine designer drugs elicit toxicity in the alternative in vivo model <i>Caenorhabditis elegans</i> . <i>Journal of Applied Toxicology</i> , 2020 , 40, 363-372	4.1	3
145	Atropisomerism in N1-aryl Substituted 3,4-dihydropyrimidin-2(1H)-thiones. <i>ChemistrySelect</i> , 2020 , 5, 13212-13222	1.8	1
144	Ochratoxin A presence in Cabernet Sauvignon wine changes antioxidant activity and oxidative stress markers. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020 , 37, 1755-1764	3.2	4
143	Hepatoprotective activity of <i>Verbena litoralis</i> , <i>Verbena montevidensis</i> and their main iridoid, brasoside. <i>Journal of Ethnopharmacology</i> , 2019 , 239, 111906	5	5
142	In vitro cardiotoxicity evaluation of graphene oxide. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019 , 841, 8-13	3	17
141	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	9.3	14
140	Toxic elements in packed red blood cells from smoker donors: a risk for paediatric transfusion?. <i>Vox Sanguinis</i> , 2019 , 114, 808-815	3.1	6
139	Evaluation of immunological, inflammatory, and oxidative stress biomarkers in gasoline station attendants. <i>BMC Pharmacology & Toxicology</i> , 2019 , 20, 75	2.6	7
138	Novel coumarins active against <i>Trypanosoma cruzi</i> and toxicity assessment using the animal model <i>Caenorhabditis elegans</i> . <i>BMC Pharmacology & Toxicology</i> , 2019 , 20, 76	2.6	5
137	Melatonin-loaded lipid-core nanocapsules protect against lipid peroxidation caused by paraquat through increased SOD expression in <i>Caenorhabditis elegans</i> . <i>BMC Pharmacology & Toxicology</i> , 2019 , 20, 80	2.6	7
136	In vitro toxic evaluation of two gliptins and their main impurities of synthesis. <i>BMC Pharmacology & Toxicology</i> , 2019 , 20, 82	2.6	0
135	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, 13945-14057	5.1	7
134	Evaluation of hematological, biochemical parameters and thiol enzyme activity in chrome plating workers. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 1892-1901	5.1	9
133	toxicity assessment of rivaroxaban degradation products and kinetic evaluation to decay process. <i>Drug and Chemical Toxicology</i> , 2019 , 42, 509-518	2.3	0
132	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	5.1	24

131	Long-Term Excessive Selenium Supplementation Induces Hypertension in Rats. <i>Biological Trace Element Research</i> , 2018 , 182, 70-77	4.5	9
130	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	7.9	12
129	Inflammatory and oxidative stress parameters as potential early biomarkers for silicosis. <i>Clinica Chimica Acta</i> , 2018 , 484, 305-313	6.2	29
128	The role of B7 costimulation in benzene immunotoxicity and its potential association with cancer risk. <i>Environmental Research</i> , 2018 , 166, 91-99	7.9	12
127	Synthesis and in vitro Evaluation of 1,2,3-triazole-4-chloromethylcoumarins with Antioxidant Activity. <i>Letters in Drug Design and Discovery</i> , 2018 , 15, 700-705	0.8	3
126	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	2.6	4
125	Ethyl 4-(2-fluorophenyl)-6-methyl-2-thioxo-1-(p-tolyl)-1,2,3,4-tetrahydropyrimidine-5-carboxylate. <i>MolBank</i> , 2018 , 2018, M1029	0.5	1
124	Teaching Case. The Case of Assabi: Expanding the Learning on Sustainability Through an Experiential Qualitative Multi-Criteria Decision Making Activity. <i>Social and Environmental Accountability Journal</i> , 2018 , 38, 197-217	0.7	0
123	Effect of N-1 arylation of monastrol on kinesin Eg5 inhibition in glioma cell lines. <i>MedChemComm</i> , 2018 , 9, 995-1010	5	8
122	Energy drink and alcohol combination leads to kidney and liver alterations in rats. <i>Toxicology and Applied Pharmacology</i> , 2018 , 355, 138-146	4.6	8
121	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	7	12
120	Biomonitoring of gasoline station attendants exposed to benzene: Effect of gender. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017 , 813, 1-9	3	24
119	DNA damage in the elderly is associated with 5-MTHF levels: a pro-oxidant activity. <i>Toxicology Research</i> , 2017 , 6, 333-341	2.6	3
118	Adenosine reduces reactive oxygen species and interleukin-8 production by <i>Trichomonas vaginalis</i> -stimulated neutrophils. <i>Purinergic Signalling</i> , 2017 , 13, 569-577	3.8	10
117	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	4.7	12
116	Ozone generated by air purifier in low concentrations: friend or foe?. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22673-22678	5.1	7
115	Environmental exposure and effects on health of children from a tobacco-producing region. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 2851-2865	5.1	13
114	Polyphenol-rich food general and on pregnancy effects: a review. <i>Drug and Chemical Toxicology</i> , 2017 , 40, 368-374	2.3	23

113	Association between inflammation processes, DNA damage, and exposure to environmental pollutants. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 353-362	5.1	19
112	Evaluation of potential acute cardiotoxicity of biodegradable nanocapsules in rats by intravenous administration. <i>Toxicology Research</i> , 2016 , 5, 168-179	2.6	6
111	Associations among environmental exposure to manganese, neuropsychological performance, oxidative damage and kidney biomarkers in children. <i>Environmental Research</i> , 2016 , 147, 32-43	7.9	46
110	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	0.3	6
109	Combining the Pharmacophore Features of Coumarins and 1,4-Substituted 1,2,3-Triazoles to Design New Acetylcholinesterase Inhibitors: Fast and Easy Generation of 4-Methylcoumarins/1,2,3-triazoles Conjugates via Click Chemistry. <i>Journal of the Brazilian Chemical Society</i> , 2016	1.5	2
108	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	1.8	4
107	<i>Trichomonas vaginalis</i> NTPDase and ecto-5Nucleotidase hydrolyze guanine nucleotides and increase extracellular guanosine levels under serum restriction. <i>Molecular and Biochemical Parasitology</i> , 2016 , 207, 10-8	1.9	7
106	Relationship between blood metals and inflammation in taxi drivers. <i>Clinica Chimica Acta</i> , 2015 , 444, 176-81	6.2	17
105	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	3	20
104	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	2.6	9
103	Behavioral and dopaminergic damage induced by acute iron toxicity in <i>Caenorhabditis elegans</i> . <i>Toxicology Research</i> , 2015 , 4, 878-884	2.6	16
102	Haloperidol-loaded lipid-core polymeric nanocapsules reduce DNA damage in blood and oxidative stress in liver and kidneys of rats. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	3
101	Early hematological and immunological alterations in gasoline station attendants exposed to benzene. <i>Environmental Research</i> , 2015 , 137, 349-56	7.9	25
100	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, 224-32	7.9	24
99	Cognitive deficits and ALA-D-inhibition in children exposed to multiple metals. <i>Environmental Research</i> , 2015 , 136, 387-95	7.9	35
98	<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, 5093-106	7.3	38
97	Relationship between inflammation and oxidative stress and cognitive decline in the institutionalized elderly. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 804198	6.7	81
96	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, 511-24	3.4	16

95	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, 731-40	4.6	16
94	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	3.2	16
93	Nitric oxide and reactive species are modulated in the polyphenol-induced ductus arteriosus constriction in pregnant sheep. <i>Prenatal Diagnosis</i> , 2014 , 34, 1268-76	3.2	14
92	Atherosclerotic process in taxi drivers occupationally exposed to air pollution and co-morbidities. <i>Environmental Research</i> , 2014 , 131, 31-8	7.9	54
91	In vitro effect of genistein on DNA damage in leukocytes from mucopolysaccharidosis IVA patients. <i>Molecular Genetics and Metabolism</i> , 2014 , 111, 205-8	3.7	12
90	Evaluation of genotoxicity in workers exposed to benzene and atmospheric pollutants. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014 , 770, 61-5	3	44
89	Liver δ -aminolevulinate dehydratase activity is inhibited by neonicotinoids and restored by antioxidant agents. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 11676-90	4.6	17
88	Fatty acid status and its relationship to cognitive decline and homocysteine levels in the elderly. <i>Nutrients</i> , 2014 , 6, 3624-40	6.7	27
87	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, 9024-37	4.6	17
86	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, 10806-23	4.6	17
85	Are delta-aminolevulinate 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, 10851-67	4.6	12
84	Exogenous and endogenous antioxidants attenuate the lipid peroxidation in workers occupationally exposed to paints. <i>Drug and Chemical Toxicology</i> , 2014 , 37, 69-75	2.3	4
83	In vivo toxicological evaluation of polymeric nanocapsules after intradermal administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 86, 167-77	5.7	32
82	New insights into the chemistry and antioxidant activity of coumarins. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 2600-23	3	36
81	Polymeric Nanoparticles: In Vivo Toxicological Evaluation, Cardiotoxicity, and Hepatotoxicity. <i>Nanomedicine and Nanotoxicology</i> , 2014 , 299-324	0.3	8
80	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, 142-50	4.1	35
79	Biomarkers of occupational exposure to air pollution, inflammation and oxidative damage in taxi drivers. <i>Science of the Total Environment</i> , 2013 , 463-464, 884-93	10.2	97
78	A LC-UV method to assay N-acetylcysteine without derivatization: analyses of pharmaceutical products. <i>Analytical Methods</i> , 2013 , 5, 3321	3.2	10

77	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, 319-25	10.2	50
76	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, 188-94	7	7
75	Genotoxicity and oxidative stress in gasoline station attendants. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013 , 754, 63-70	3	31
74	Evaluation of lipid damage related to pathological and physiological conditions. <i>Drug and Chemical Toxicology</i> , 2013 , 36, 306-12	2.3	18
73	Acute and subchronic toxicity evaluation of poly(ε-caprolactone) lipid-core nanocapsules in rats. <i>Toxicological Sciences</i> , 2013 , 132, 162-76	4.4	41
72	The Antioxidant Activity of Coumarins and Flavonoids. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 318-334	3.2	100
71	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,	2	2
70	Reduction of butyrylcholinesterase activity in plasma from patients with disorders of propionate metabolism is prevented by treatment with L-carnitine and protein restriction. <i>Clinical Biochemistry</i> , 2012 , 45, 77-81	3.5	3
69	Ischemia modified albumin and carbonyl protein as potential biomarkers of protein oxidation in hemodialysis. <i>Clinical Biochemistry</i> , 2012 , 45, 450-4	3.5	16
68	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, 42-8	3	62
67	Evaluation of the antioxidant capacity of synthesized coumarins. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 7260-70	6.3	25
66	Aminolevulinatase (ALA-D) as marker protein of intoxication with metals and other pro-oxidant situations. <i>Toxicology Research</i> , 2012 , 1, 85	2.6	89
65	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, 960-70	3.2	20
64	Analysis of the NTPDase and ecto-5Nucleotidase profiles in serum-limited <i>Trichomonas vaginalis</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012 , 107, 170-7	2.6	12
63	Simultaneous quantification of lycopene, β-carotene, retinol and β-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	1.5	9
62	Designer drugs: aspectos analí e bios e biológicos. <i>Química Nova</i> , 2012 , 35, 149-158	1.6	9
61	Fetal ductal constriction caused by maternal ingestion of green tea in late pregnancy: an experimental study. <i>Prenatal Diagnosis</i> , 2012 , 32, 921-6	3.2	15
60	Reversal of fetal ductal constriction after maternal restriction of polyphenol-rich foods: an open clinical trial. <i>Journal of Perinatology</i> , 2012 , 32, 574-9	3.1	23

59	Quantificação e estabilidade de vitamina C por CLAE-UV e estudo de estabilidade. <i>Quimica Nova</i> , 2012 , 35, 403-407	6
58	Are sustainable companies less risky and more profitable?. <i>RAUSP: Revista De Administração Da Universidade De São Paulo</i> , 2012 , 47, 422-435	3
57	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	2 10
56	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, 1074-82	7.9 24
55	Experimental evidence of oxidative stress in plasma of homocystinuric patients: a possible role for homocysteine. <i>Molecular Genetics and Metabolism</i> , 2011 , 104, 112-7	3.7 34
54	Association among microalbuminuria and oxidative stress biomarkers in patients with type 2 diabetes. <i>Journal of Investigative Medicine</i> , 2011 , 59, 649-54	2.9 13
53	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	1.5 34
52	Evidence that L-carnitine and selenium supplementation reduces oxidative stress in phenylketonuric patients. <i>Cellular and Molecular Neurobiology</i> , 2011 , 31, 429-36	4.6 57
51	The relationships between exogenous and endogenous antioxidants with the lipid profile and oxidative damage in hemodialysis patients. <i>BMC Nephrology</i> , 2011 , 12, 59	2.7 33
50	Presence of synthetic pharmaceuticals as adulterants in slimming phytotherapeutic formulations and their analytical determination. <i>Forensic Science International</i> , 2011 , 204, 6-12	2.6 71
49	Ischemia-modified albumin as an oxidative stress biomarker in obesity. <i>Clinical Biochemistry</i> , 2011 , 44, 345-7	3.5 48
48	N-acetylcysteine on oxidative damage in diabetic rats. <i>Drug and Chemical Toxicology</i> , 2011 , 34, 467-74	2.3 33
47	Sub-chronic exposure to methylmercury at low levels decreases butyrylcholinesterase activity in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010 , 106, 95-9	3.1 8
46	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	1.3 4
45	Possíveis efeitos do cobre sanguíneo sobre parâmetros hematológicos em idosos. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2010 , 46, 463-470	2.3 6
44	Determination of metallic contaminants in human recombinant erythropoietin (EPO) formulations by adsorptive cathodic stripping voltammetry and UV photo-decomposition of samples. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 701-709	1.5 2
43	Aluminum content in intravenous solutions for administration to neonates: role of product preparation and administration methods. <i>Journal of Parenteral and Enteral Nutrition</i> , 2010 , 34, 322-8	4.2 25
42	Aluminum loading in preterm neonates revisited. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010 , 51, 237-41	2.8 15

41	Determination of sodium, potassium, calcium, magnesium, zinc, and iron in emulsified egg samples by flame atomic absorption spectrometry. <i>Talanta</i> , 2010 , 80, 1282-6	6.2	30
40	Mercury exposure and oxidative stress in communities of the Brazilian Amazon. <i>Science of the Total Environment</i> , 2010 , 408, 806-11	10.2	87
39	Effects of low-level exposure to xenobiotics present in paints on oxidative stress in workers. <i>Science of the Total Environment</i> , 2010 , 408, 4461-7	10.2	46
38	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	2.6	36
37	Determination of synthetic pharmaceuticals in phytotherapeutics by capillary zone electrophoresis with contactless conductivity detection (CZE-C4D). <i>Microchemical Journal</i> , 2010 , 96, 114-119	4.8	28
36	Presence of p-synephrine in teas commercialized in Porto Alegre (RS/Brazil). <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009 , 45, 273-278	1.8	2
35	Importance of the lipid peroxidation biomarkers and methodological aspects FOR malondialdehyde quantification. <i>Quimica Nova</i> , 2009 , 32, 169-174	1.6	181
34	The plasma retinol levels as pro-oxidant/oxidant agents in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 2212-8	4.3	23
33	Role of medication in the level of aluminium in the blood of chronic haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 1277-81	4.3	23
32	Subchronic toxicity of Citrus aurantium L. (Rutaceae) extract and p-synephrine in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2009 , 54, 114-7	3.4	48
31	Screening for in vivo (anti)estrogenic activity of ephedrine and p-synephrine and their natural sources Ephedra sinica Stapf. (Ephedraceae) and Citrus aurantium L. (Rutaceae) in rats. <i>Archives of Toxicology</i> , 2009 , 83, 95-9	5.8	14
30	Low levels of methylmercury induce DNA damage in rats: protective effects of selenium. <i>Archives of Toxicology</i> , 2009 , 83, 249-54	5.8	60
29	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, 653-62	5.8	56
28	Sensitivity of young rats to nicotine exposure: Physiological and biochemical parameters. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 242-247	7	4
27	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	4.4	69
26	Influence of chronic exercise on reserpine-induced oxidative stress in rats: behavioral and antioxidant evaluations. <i>Pharmacology Biochemistry and Behavior</i> , 2008 , 88, 465-72	3.9	39
25	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, 147-54	4.6	168
24	The influence of the hemodialysis treatment time under oxidative stress biomarkers in chronic renal failure patients. <i>Biomedicine and Pharmacotherapy</i> , 2008 , 62, 378-82	7.5	33

23	Effect of astaxanthin on kidney function impairment and oxidative stress induced by mercuric chloride in rats. <i>Food and Chemical Toxicology</i> , 2008 , 46, 212-9	4.7	53
22	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, 2770-5	4.7	74
21	Avalia�� da estabilidade do marcador plasm��tico do estresse oxidativo: malondialde��do. <i>Quimica Nova</i> , 2008 , 31, 275-279	1.6	7
20	Determina�� voltam��trica de metais em �guas e fluidos biol�gicos empregando mineraliza�� de amostras com radia�� ultravioleta. <i>Quimica Nova</i> , 2008 , 31, 1336-1342	1.6	5
19	Quantifica�� simult�nea de indicadores biol�gicos de exposi�� a solventes org�nicos por cromatografia l�quida de alta efici�ncia. <i>Quimica Nova</i> , 2008 , 31,	1.6	9
18	Butyrylcholinesterase activity is reduced in haemodialysis patients: is there association with hyperhomocysteinemia and/or oxidative stress?. <i>Clinical Biochemistry</i> , 2008 , 41, 474-9	3.5	13
17	Quantification of reduced glutathione by HPLC-UV in erythrocytes of hemodialysis patients. <i>Biomedical Chromatography</i> , 2008 , 22, 460-8	1.7	33
16	Tissue digestion for aluminum determination in experimental animal studies. <i>Analytical Biochemistry</i> , 2008 , 377, 120-7	3.1	27
15	Os riscos e danos nas intoxica��es por paraquat em animais dom�sticos. <i>Ciencia Rural</i> , 2007 , 37, 1506-1512	1.2	8
14	Influ�ncia de desproteinizantes �tidos na quantifica�� da glutathiona reduzida eritrocit�ria por CLAE-UV. <i>Quimica Nova</i> , 2007 , 30, 592-596	1.6	4
13	Quantifica�� laboratorial de cobre s�tico por espectrofotometria Vis compar�vel � espectrometria de absor�� at�mica com chama. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2007 , 43, 251-256	2.3	2
12	Human erythrocyte delta-aminolevulinate dehydratase activity and oxidative stress in hemodialysis patients. <i>Clinical Biochemistry</i> , 2007 , 40, 591-4	3.5	29
11	Rapid quantification of malondialdehyde in plasma by high performance liquid chromatography-visible detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 43, 619-24	3.5	240
10	Independency of myocardial stunning of endothelial stunning?. <i>Basic Research in Cardiology</i> , 2007 , 102, 359-67	11.8	20
9	The influence of the serum vitamin C levels on oxidative stress biomarkers in elderly women. <i>Clinical Biochemistry</i> , 2007 , 40, 1367-72	3.5	21
8	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	6.8	65
7	DEFINI�� DE METAS PARA AVALIA�� DE DESEMPENHO DE AG�NCIAS BANC�RIAS. <i>Revista De Administracao Mackenzie</i> , 2007 , 8, 60-80	0.7	1
6	Aspectos gerais e diagn�stico cl�nicolaboratorial da intoxica�� por paraquat. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2006 , 42, 235-243	2.3	6

5	Fisiopatologia da deficiência de vitamina B12 e seu diagnóstico laboratorial. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2005 , 41, 323	2.3	6
4	Ciclosporina A e tacrolimus: uma revisão. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2004 , 40, 393-401	2.3	8
3	Liquid chromatography with ultraviolet absorbance detection of ethylenethiourea in blood serum after microwave irradiation as an auxiliary cleanup step. <i>Analyst, The</i> , 1997 , 122, 733-5	5	9
2	O problema da contaminação na determinação de traços de alumínio. <i>Quimica Nova</i> , 1997 , 20,	1.6	3
1	Chemobrain in Breast Cancer: Mechanisms, Clinical Manifestations, and Potential Interventions. <i>Drug Safety</i> ,	5.1	0