Adriana Gioda

List of Publications by Year
in descending order

74 papers	1,417 citations
304743 22 h-index	395702 33 g-index
76 all docs	76 docs citations
76 times ranked	2267 citing authors

#	Article	IF	Citations
1	Occupational risk assessment of exposure to metals in chrome plating workers. Drug and Chemical Toxicology, 2022, 45, 560-567.	2.3	14
2	A Review on Atmospheric Analysis Focusing on Public Health, Environmental Legislation and Chemical Characterization. Critical Reviews in Analytical Chemistry, 2022, 52, 1772-1794.	3.5	6
3	Children Environmentally Exposed to Agrochemicals in Rural Areas Present Changes in Oxidative Status and DNA Damage. Biological Trace Element Research, 2022, 200, 3511-3518.	3.5	4
4	Assessment of air quality changes during COVID-19 partial lockdown in a Brazilian metropolis: from lockdown to economic opening of Rio de Janeiro, Brazil. Air Quality, Atmosphere and Health, 2022, 15, 1205-1220.	3.3	4
5	Luminescence imaging and toxicity assessment of graphene quantum dots using *in vitro* models. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 657-666.	2.1	5
6	Critical assessment of restrictive socioeconomic measures taken during the SARS-CoV-2 pandemic and their impact on air quality worldwide. Brazilian Journal of Environmental Sciences (Online), 2022, 57, 179-193.	0.4	0
7	Estimation of total arsenic contamination and exposure in Brazilian rice and infant cereals. Drug and Chemical Toxicology, 2021, 44, 400-408.	2.3	5
8	Evaluation of the impact of the national strike of the road freight transport sector on the air quality of the metropolitan region of Rio de Janeiro, Brazil. Sustainable Cities and Society, 2021, 65, 102588.	10.4	10
9	Cellular response to chemicals present in air pollution in occupationally exposed workers and its potential cancer susceptibility. Chemosphere, 2021, 263, 127857.	8.2	2
10	Biomonitoring of Potentially Toxic Elements in Two Polluted Areas from Lurigancho-Chosica Using the genus Tillandsia latifolia and T. purpurea as Biomonitor. Bulletin of Environmental Contamination and Toxicology, 2021, 107, 69-76.	2.7	0
11	Atmospheric Metal Biomonitoring Along a Highway Near Atlantic Rainforest Environmental Protection Areas in Southeastern Brazil. Bulletin of Environmental Contamination and Toxicology, 2021, 107, 84-91.	2.7	2
12	From air to heart: Particle pollution (PM2.5) and induced injury on cardioblast cells. Atmospheric Pollution Research, 2021, 12, 152-159.	3.8	3
13	Bioassays to screen the toxicity in drinking water samples collected in Brazilian rural area. Toxicology Research, 2021, 10, 856-867.	2.1	11
14	Assessment of the effects of seasonality on the ecotoxicity induced by the particulate matter using the animal model Caenorhabditis elegans. Chemosphere, 2021, , 132886.	8.2	2
15	Inspection and maintenance programs for in-service vehicles: An important air pollution control tool. Sustainable Cities and Society, 2020, 53, 101956.	10.4	13
16	Aqueous particulate matter (PM2.5) from Brazil alters antioxidant profile responses and causes oxidative stress. Atmospheric Pollution Research, 2020, 11, 511-519.	3.8	2
17	Assessment of ambient aerosol sources in two important Atlantic Rain Forest hotspots in the surroundings of a megacity. Urban Forestry and Urban Greening, 2020, 56, 126858.	5.3	3
18	Biochemical, hematological and immunological parameters and relationship with occupational exposure to pesticides and metals. Environmental Science and Pollution Research, 2020, 27, 29291-29302.	5.3	17

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19	Air quality biomonitoring of trace elements in the metropolitan area of Huancayo, Peru using transplanted Tillandsia capillaris as a biomonitor. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20180813.	0.8	8
20	Toxic elements in packed red blood cells from smoker donors: a risk for paediatric transfusion?. Vox Sanguinis, 2019, 114, 808-815.	1.5	10
21	The impact of polar fraction of the fine particulate matter on redox responses in different rat tissues. Environmental Science and Pollution Research, 2019, 26, 32476-32487.	5.3	6
22	Chemical Characterization of PM2.5 at Rural and Urban Sites around the Metropolitan Area of Huancayo (Central Andes of Peru). Atmosphere, 2019, 10, 21.	2.3	15
23	Air quality monitoring assessment during the 2016 Olympic Games in Rio de Janeiro, Brazil. Environmental Monitoring and Assessment, 2019, 191, 369.	2.7	8
24	Exploratory and comparative analysis of the morphology and chemical composition of PM2.5 from regions with different socioeconomic characteristics. Microchemical Journal, 2019, 147, 507-515.	4.5	11
25	Monitoring of air quality before the Olympic Games Rio 2016. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20170984.	0.8	11
26	Evaluation of the impact of the Rio 2016 Olympic Games on air quality in the city of Rio de Janeiro, Brazil. Atmospheric Environment, 2019, 203, 206-215.	4.1	19
27	Evaluation of hematological, biochemical parameters and thiol enzyme activity in chrome plating workers. Environmental Science and Pollution Research, 2019, 26, 1892-1901.	5.3	12
28	Forecast of daily PM2.5 concentrations applying artificial neural networks and Holt–Winters models. Air Quality, Atmosphere and Health, 2019, 12, 317-325.	3.3	45
29	Residential fuelwood consumption in Brazil: Environmental and social implications. Biomass and Bioenergy, 2019, 120, 367-375.	5.7	28
30	CaracterÃsticas e procedÃªncia da lenha usada na cocÃ§Ã£o no Brasil. Estudos Avancados, 2019, 33, 133-150.	0.5	5
31	Evaluation of air quality in a megacity using statistics tools. Meteorology and Atmospheric Physics, 2018, 130, 361-370.	2.0	6
32	Understanding ozone formation at two islands of Rio de Janeiro, Brazil. Atmospheric Pollution Research, 2018, 9, 278-288.	3.8	12
33	Are metals and pyrene levels additional factors playing a pivotal role in air pollution-induced inflammation in taxi drivers?. Toxicology Research, 2018, 7, 8-12.	2.1	6
34	Biomonitoring of Toxic Elements in Plants Collected Near Leather Tanning Industry. Journal of the Brazilian Chemical Society, 2018, , .	0.6	3
35	Trace element biomonitoring in the Peruvian andes metropolitan region using Flavoparmelia caperata lichen. Chemosphere, 2018, 210, 849-858.	8.2	13
36	Exposure to environment chemicals and its possible role in endocrine disruption of children from a rural area. Environmental Research, 2018, 167, 488-498.	7.5	19

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37	COMPARAÇÃO DOS NÍVEIS DE POLUENTES EMITIDOS PELOS DIFERENTES COMBUSTÍVEIS UTILIZADOS PARA COCÇÃO E SUA INFLUÊNCIA NO AQUECIMENTO GLOBAL. Quimica Nova, 2018, , .	0.3	5
38	Structural signatures of water-soluble organic aerosols in contrasting environments in South America and Western Europe. Environmental Pollution, 2017, 227, 513-525.	7.5	32
39	Chemical composition of fine particles (PM2.5): water-soluble organic fraction and trace metals. Air Quality, Atmosphere and Health, 2017, 10, 845-852.	3.3	38
40	Biomonitoring of gasoline station attendants exposed to benzene: Effect of gender. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 813, 1-9.	1.7	35
41	A candidate framework for PM2.5 source identification in highly industrialized urban-coastal areas. Atmospheric Environment, 2017, 164, 147-164.	4.1	11
42	Environmental exposure and effects on health of children from a tobacco-producing region. Environmental Science and Pollution Research, 2017, 24, 2851-2865.	5.3	17
43	Half Century Monitoring Air Pollution in a Megacity: a Case Study of Rio de Janeiro. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	17
44	Toxicological effects of particulate matter (PM2.5) on rats: Bioaccumulation, antioxidant alterations, lipid damage, and ABC transporter activity. Chemosphere, 2016, 163, 569-577.	8.2	29
45	Comparative profile of pollutants generated by a stationary engine fueled with diesel, biodiesel, and ethanol. Journal of Aerosol Science, 2016, 100, 155-163.	3.8	12
46	Biodiesel from soybean promotes cell proliferation in vitro. Toxicology in Vitro, 2016, 34, 283-288.	2.4	14
47	Associations among environmental exposure to manganese, neuropsychological performance, oxidative damage and kidney biomarkers in children. Environmental Research, 2016, 147, 32-43.	7.5	58
48	Relationship between blood metals and inflammation in taxi drivers. Clinica Chimica Acta, 2015, 444, 176-181.	1.1	21
49	Biomonitoring of metals for air pollution assessment using a hemiepiphyte herb (Struthanthus) Tj ETQq1 1 0.784314 rgBT /Overlock	8.2	27
50	Early hematological and immunological alterations in gasoline station attendants exposed to benzene. Environmental Research, 2015, 137, 349-356.	7.5	34
51	Cognitive deficits and ALA-D-inhibition in children exposed to multiple metals. Environmental Research, 2015, 136, 387-395.	7.5	43
52	Liver δ-Aminolevulinate Dehydratase Activity is Inhibited by Neonicotinoids and Restored by Antioxidant Agents. International Journal of Environmental Research and Public Health, 2014, 11, 11676-11690.	2.6	23
53	Evaluation of Toxic Metals and Essential Elements in Children with Learning Disabilities from a Rural Area of Southern Brazil. International Journal of Environmental Research and Public Health, 2014, 11, 10806-10823.	2.6	21
54	Are Delta-Aminolevulinate Dehydratase Inhibition and Metal Concentrations Additional Factors for the Age-Related Cognitive Decline?. International Journal of Environmental Research and Public Health, 2014, 11, 10851-10867.	2.6	16

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55	Particle pollution in Rio de Janeiro, Brazil: Increase and decrease of pro-inflammatory cytokines IL-6 and IL-8 in human lung cells. Environmental Pollution, 2014, 194, 112-120.	7.5	47
56	Physicochemical properties and toxicological assessment of modified CdS nanoparticles. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	3
57	Atherosclerotic process in taxi drivers occupationally exposed to air pollution and co-morbidities. Environmental Research, 2014, 131, 31-38.	7.5	67
58	Validation Method to Determine Metals in Atmospheric Particulate Matter by Inductively Coupled Plasma Optical Emission Spectrometry. Journal of the Brazilian Chemical Society, 2014, , .	0.6	2
59	Chemical constituents in clouds and rainwater in the Puerto Rican rainforest: Potential sources and seasonal drivers. Atmospheric Environment, 2013, 68, 208-220.	4.1	73
60	Study of the chemical composition of particulate matter from the Rio de Janeiro metropolitan region, Brazil, by inductively coupled plasma-mass spectrometry and optical emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 86, 131-136.	2.9	49
61	Chemical composition, sources, solubility, and transport of aerosol trace elements in a tropical region. Journal of Environmental Monitoring, 2011, 13, 2134.	2.1	30
62	Speciation of water-soluble inorganic, organic, and total nitrogen in a background marine environment: Cloud water, rainwater, and aerosol particles. Journal of Geophysical Research, 2011, 116, .	3.3	59
63	Evaluation of cytokine expression in BEAS cells exposed to fine particulate matter ($PM_{2.5}$) from specialized indoor environments. International Journal of Environmental Health Research, 2011, 21, 106-119.	2.7	32
64	Use of human bronchial epithelial cells (BEAS-2B) to study immunological markers resulting from exposure to PM2.5 organic extract from Puerto Rico. Toxicology and Applied Pharmacology, 2010, 243, 381-389.	2.8	68
65	Characterization of African Dust (PM2.5) across the Atlantic Ocean during AEROSE 2004. Atmospheric Environment, 2009, 43, 2659-2664.	4.1	32
66	Organic carbon, total nitrogen, and water-soluble ions in clouds from a tropical montane cloud forest in Puerto Rico. Atmospheric Environment, 2009, 43, 4171-4177.	4.1	44
67	Chemical Composition of Cloud Water in the Puerto Rican Tropical Trade Wind Cumuli. Water, Air, and Soil Pollution, 2009, 200, 3-14.	2.4	27
68	Water-soluble organic and nitrogen levels in cloud and rainwater in a background marine environment under influence of different air masses. Journal of Atmospheric Chemistry, 2008, 61, 85-99.	3.2	32
69	A pilot study to determine mercury exposure through vapor and bound to PM10 in a dental school environment. Toxicology and Industrial Health, 2007, 23, 103-113.	1.4	7
70	Concentration Of Trace Elements in Airborne PM10 from Jobos Bay National Estuary, Puerto Rico. Water, Air, and Soil Pollution, 2006, 174, 141-159.	2.4	15
71	Evaluation of air quality in Volta Redonda, the main metallurgical industrial city in Brazil. Journal of the Brazilian Chemical Society, 2004, 15, 856-864.	0.6	18
72	Assessment of Atmospheric PM10 Pollution Levels and Chemical Composition in Urban Areas near the 2016 Olympic Game Arenas. Journal of the Brazilian Chemical Society, 0, , .	0.6	2

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73	Impactos na saúde humana causados pela exposição a incêndios florestais: as evidências obtidas nas últimas duas décadas. Revista Brasileira De Climatologia, 0, 30, 182-218.	0.3	0
74	The Contribution of Meteorological Parameters and the COVID-19 Partial Lockdown on Air Quality in Rio de Janeiro, Brazil. Journal of the Brazilian Chemical Society, 0, , .	0.6	1