

Adriana Gioda

List of Publications by Year in descending order

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74
papers

1,417
citations

304743

22
h-index

395702

33
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76
all docs

76
docs citations

76
times ranked

2267
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical constituents in clouds and rainwater in the Puerto Rican rainforest: Potential sources and seasonal drivers. <i>Atmospheric Environment</i> , 2013, 68, 208-220.	4.1	73
2	Use of human bronchial epithelial cells (BEAS-2B) to study immunological markers resulting from exposure to PM _{2.5} organic extract from Puerto Rico. <i>Toxicology and Applied Pharmacology</i> , 2010, 243, 381-389.	2.8	68
3	Atherosclerotic process in taxi drivers occupationally exposed to air pollution and co-morbidities. <i>Environmental Research</i> , 2014, 131, 31-38.	7.5	67
4	Speciation of water-soluble inorganic, organic, and total nitrogen in a background marine environment: Cloud water, rainwater, and aerosol particles. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	59
5	Associations among environmental exposure to manganese, neuropsychological performance, oxidative damage and kidney biomarkers in children. <i>Environmental Research</i> , 2016, 147, 32-43.	7.5	58
6	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 86, 131-136.	2.9	49
7	Particle pollution in Rio de Janeiro, Brazil: Increase and decrease of pro-inflammatory cytokines IL-6 and IL-8 in human lung cells. <i>Environmental Pollution</i> , 2014, 194, 112-120.	7.5	47
8	Forecast of daily PM _{2.5} concentrations applying artificial neural networks and Holt-Winters models. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 317-325.	3.3	45
9	Organic carbon, total nitrogen, and water-soluble ions in clouds from a tropical montane cloud forest in Puerto Rico. <i>Atmospheric Environment</i> , 2009, 43, 4171-4177.	4.1	44
10	Cognitive deficits and ALA-D-inhibition in children exposed to multiple metals. <i>Environmental Research</i> , 2015, 136, 387-395.	7.5	43
11	Chemical composition of fine particles (PM _{2.5}): water-soluble organic fraction and trace metals. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 845-852.	3.3	38
12	Biomonitoring of gasoline station attendants exposed to benzene: Effect of gender. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 813, 1-9.	1.7	35
13	Early hematological and immunological alterations in gasoline station attendants exposed to benzene. <i>Environmental Research</i> , 2015, 137, 349-356.	7.5	34
14	Water-soluble organic and nitrogen levels in cloud and rainwater in a background marine environment under influence of different air masses. <i>Journal of Atmospheric Chemistry</i> , 2008, 61, 85-99.	3.2	32
15	Characterization of African Dust (PM _{2.5}) across the Atlantic Ocean during AEROSE 2004. <i>Atmospheric Environment</i> , 2009, 43, 2659-2664.	4.1	32
16	Evaluation of cytokine expression in BEAS cells exposed to fine particulate matter (PM _{2.5}) from specialized indoor environments. <i>International Journal of Environmental Health Research</i> , 2011, 21, 106-119.	2.7	32
17	Structural signatures of water-soluble organic aerosols in contrasting environments in South America and Western Europe. <i>Environmental Pollution</i> , 2017, 227, 513-525.	7.5	32
18	Chemical composition, sources, solubility, and transport of aerosol trace elements in a tropical region. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2134.	2.1	30

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19	Toxicological effects of particulate matter (PM2.5) on rats: Bioaccumulation, antioxidant alterations, lipid damage, and ABC transporter activity. <i>Chemosphere</i> , 2016, 163, 569-577.	8.2	29
20	Residential fuelwood consumption in Brazil: Environmental and social implications. <i>Biomass and Bioenergy</i> , 2019, 120, 367-375.	5.7	28
21	Chemical Composition of Cloud Water in the Puerto Rican Tropical Trade Wind Cumuli. <i>Water, Air, and Soil Pollution</i> , 2009, 200, 3-14.	2.4	27
22	Biomonitoring of metals for air pollution assessment using a hemiepiphyte herb (<i>Struthanthus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	8.2	27
23	Liver δ -Aminolevulinatase 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.	2.6	23
24	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.	2.6	21
25	Relationship between blood metals and inflammation in taxi drivers. <i>Clinica Chimica Acta</i> , 2015, 444, 176-181.	1.1	21
26	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.	7.5	19
27	Evaluation of the impact of the Rio 2016 Olympic Games on air quality in the city of Rio de Janeiro, Brazil. <i>Atmospheric Environment</i> , 2019, 203, 206-215.	4.1	19
28	Evaluation of air quality in Volta Redonda, the main metallurgical industrial city in Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 856-864.	0.6	18
29	Half Century Monitoring Air Pollution in a Megacity: a Case Study of Rio de Janeiro. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	17
30	Environmental exposure and effects on health of children from a tobacco-producing region. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2851-2865.	5.3	17
31	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.	5.3	17
32	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.	2.6	16
33	Concentration Of Trace Elements in Airborne PM10 from Jobos Bay National Estuary, Puerto Rico. <i>Water, Air, and Soil Pollution</i> , 2006, 174, 141-159.	2.4	15
34	Chemical Characterization of PM2.5 at Rural and Urban Sites around the Metropolitan Area of Huancayo (Central Andes of Peru). <i>Atmosphere</i> , 2019, 10, 21.	2.3	15
35	Biodiesel from soybean promotes cell proliferation in vitro. <i>Toxicology in Vitro</i> , 2016, 34, 283-288.	2.4	14
36	Occupational risk assessment of exposure to metals in chrome plating workers. <i>Drug and Chemical Toxicology</i> , 2022, 45, 560-567.	2.3	14

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37	Trace element biomonitoring in the Peruvian andes metropolitan region using <i>Flavoparmelia caperata</i> lichen. <i>Chemosphere</i> , 2018, 210, 849-858.	8.2	13
38	Inspection and maintenance programs for in-service vehicles: An important air pollution control tool. <i>Sustainable Cities and Society</i> , 2020, 53, 101956.	10.4	13
39	Comparative profile of pollutants generated by a stationary engine fueled with diesel, biodiesel, and ethanol. <i>Journal of Aerosol Science</i> , 2016, 100, 155-163.	3.8	12
40	Understanding ozone formation at two islands of Rio de Janeiro, Brazil. <i>Atmospheric Pollution Research</i> , 2018, 9, 278-288.	3.8	12
41	Evaluation of hematological, biochemical parameters and thiol enzyme activity in chrome plating workers. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1892-1901.	5.3	12
42	A candidate framework for PM _{2.5} source identification in highly industrialized urban-coastal areas. <i>Atmospheric Environment</i> , 2017, 164, 147-164.	4.1	11
43	Exploratory and comparative analysis of the morphology and chemical composition of PM _{2.5} from regions with different socioeconomic characteristics. <i>Microchemical Journal</i> , 2019, 147, 507-515.	4.5	11
44	Monitoring of air quality before the Olympic Games Rio 2016. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20170984.	0.8	11
45	Bioassays to screen the toxicity in drinking water samples collected in Brazilian rural area. <i>Toxicology Research</i> , 2021, 10, 856-867.	2.1	11
46	Toxic elements in packed red blood cells from smoker donors: a risk for paediatric transfusion?. <i>Vox Sanguinis</i> , 2019, 114, 808-815.	1.5	10
47	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. <i>Sustainable Cities and Society</i> , 2021, 65, 102588.	10.4	10
48	Air quality monitoring assessment during the 2016 Olympic Games in Rio de Janeiro, Brazil. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 369.	2.7	8
49	Air quality biomonitoring of trace elements in the metropolitan area of Huancayo, Peru using transplanted <i>Tillandsia capillaris</i> as a biomonitor. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20180813.	0.8	8
50	A pilot study to determine mercury exposure through vapor and bound to PM ₁₀ in a dental school environment. <i>Toxicology and Industrial Health</i> , 2007, 23, 103-113.	1.4	7
51	Evaluation of air quality in a megacity using statistics tools. <i>Meteorology and Atmospheric Physics</i> , 2018, 130, 361-370.	2.0	6
52	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.	2.1	6
53	The impact of polar fraction of the fine particulate matter on redox responses in different rat tissues. <i>Environmental Science and Pollution Research</i> , 2019, 26, 32476-32487.	5.3	6
54	A Review on Atmospheric Analysis Focusing on Public Health, Environmental Legislation and Chemical Characterization. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 1772-1794.	3.5	6

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55	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	5
56	Características e procedência da lenha usada na cocção no Brasil. <i>Estudos Avancados</i> , 2019, 33, 133-150.	0.5	5
57	COMPARAÇÃO DOS NÍVEIS DE POLUIENTES EMITIDOS PELOS DIFERENTES COMBUSTÍVEIS UTILIZADOS PARA COZIMENTO E SUA INFLUÊNCIA NO AQUECIMENTO GLOBAL. <i>Quimica Nova</i> , 2018, , .	0.3	5
58	Luminescence imaging and toxicity assessment of graphene quantum dots using <i>in vitro</i> models. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2022, 30, 657-666.	2.1	5
59	Children Environmentally Exposed to Agrochemicals in Rural Areas Present Changes in Oxidative Status and DNA Damage. <i>Biological Trace Element Research</i> , 2022, 200, 3511-3518.	3.5	4
60	Assessment of air quality changes during COVID-19 partial lockdown in a Brazilian metropolis: from lockdown to economic opening of Rio de Janeiro, Brazil. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 1205-1220.	3.3	4
61	Physicochemical properties and toxicological assessment of modified CdS nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	3
62	Biomonitoring of Toxic Elements in Plants Collected Near Leather Tanning Industry. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	3
63	Assessment of ambient aerosol sources in two important Atlantic Rain Forest hotspots in the surroundings of a megacity. <i>Urban Forestry and Urban Greening</i> , 2020, 56, 126858.	5.3	3
64	From air to heart: Particle pollution (PM2.5) and induced injury on cardioblast cells. <i>Atmospheric Pollution Research</i> , 2021, 12, 152-159.	3.8	3
65	Aqueous particulate matter (PM2.5) from Brazil alters antioxidant profile responses and causes oxidative stress. <i>Atmospheric Pollution Research</i> , 2020, 11, 511-519.	3.8	2
66	Cellular response to chemicals present in air pollution in occupationally exposed workers and its potential cancer susceptibility. <i>Chemosphere</i> , 2021, 263, 127857.	8.2	2
67	Atmospheric Metal Biomonitoring Along a Highway Near Atlantic Rainforest Environmental Protection Areas in Southeastern Brazil. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 84-91.	2.7	2
68	Assessment of Atmospheric PM10 Pollution Levels and Chemical Composition in Urban Areas near the 2016 Olympic Game Arenas. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2
69	Validation Method to Determine Metals in Atmospheric Particulate Matter by Inductively Coupled Plasma Optical Emission Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	2
70	Assessment of the effects of seasonality on the ecotoxicity induced by the particulate matter using the animal model <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2021, , 132886.	8.2	2
71	The Contribution of Meteorological Parameters and the COVID-19 Partial Lockdown on Air Quality in Rio de Janeiro, Brazil. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
72	Biomonitoring of Potentially Toxic Elements in Two Polluted Areas from Lurigancho-Chosica Using the genus <i>Tillandsia latifolia</i> and <i>T. purpurea</i> as Biomonitor. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 69-76.	2.7	0

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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	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