

# Gisele O Da Rocha

## List of Publications by Year in descending order

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47  
papers

19,443  
citations

304368

22  
h-index

233125

45  
g-index

47  
all docs

47  
docs citations

47  
times ranked

41245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Method development using chemometric tools for determination of endocrine-disrupting chemicals in bottled mineral waters. <i>Food Chemistry</i> , 2022, 370, 131062.	4.2	10
2	Occurrence, sources, and risk assessment of unconventional polycyclic aromatic compounds in marine sediments from sandy beach intertidal zones. <i>Science of the Total Environment</i> , 2022, 810, 152019.	3.9	5
3	Customized dispersive micro-solid-phase extraction device combined with micro-desorption for the simultaneous determination of 39 multiclass pesticides in environmental water samples. <i>Journal of Chromatography A</i> , 2021, 1639, 461781.	1.8	15
4	A miniaturized simple binary solvent liquid phase microextraction (BS-LPME) procedure for pesticides multiresidues determination in red and ros� wines. <i>Microchemical Journal</i> , 2021, 167, 106306.	2.3	7
5	Microplastic pollution in Southern Atlantic marine waters: Review of current trends, sources, and perspectives. <i>Science of the Total Environment</i> , 2021, 782, 146541.	3.9	31
6	Fine and Coarse Particle-Bound Mercury in (Bio)fuels and Biodiesel/Diesel Exhaust under Real World Circumstances. <i>Energy &amp; Fuels</i> , 2020, 34, 16173-16180.	2.5	1
7	Occurrence of 3-nitrobenzanthrone and other powerful mutagenic polycyclic aromatic compounds in living organisms: polychaetes. <i>Scientific Reports</i> , 2020, 10, 3465.	1.6	11
8	Determination of free- and bound-carbonyl compounds in airborne particles by ultra-fast liquid chromatography coupled to mass spectrometry. <i>Talanta</i> , 2020, 217, 121033.	2.9	10
9	Sequential determination and chemical speciation analysis of inorganic As and Sb in airborne particulate matter collected in outdoor and indoor environments using slurry sampling and detection by HG AAS. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21416-21424.	2.7	2
10	Simple and effective dispersive micro-solid phase extraction procedure for simultaneous determination of polycyclic aromatic compounds in fresh and marine waters. <i>Talanta</i> , 2019, 204, 776-791.	2.9	32
11	Seasonality of airborne trace element sources in Aracaju, Northeastern, Brazil. <i>Journal of Environmental Management</i> , 2019, 247, 19-28.	3.8	7
12	Occurrence of the potent mutagens 2- nitrobenzanthrone and 3-nitrobenzanthrone in fine airborne particles. <i>Scientific Reports</i> , 2019, 9, 1.	1.6	17,835
13	A rapid low-consuming solvent extraction procedure for simultaneous determination of 34 multiclass pesticides associated to respirable atmospheric particulate matter (PM2.5) by GC-MS. <i>Microchemical Journal</i> , 2018, 139, 424-436.	2.3	34
14	Pesticides in the atmospheric environment: an overview on their determination methodologies. <i>Analytical Methods</i> , 2018, 10, 4484-4504.	1.3	20
15	Hydroxyl radical formation and soluble trace metal content in particulate matter from renewable diesel and ultra low sulfur diesel in at-sea operations of a research vessel. <i>Aerosol Science and Technology</i> , 2017, 51, 147-158.	1.5	27
16	Cartridge development for the solid extraction of phenolic compounds in cacha� samples. <i>Analytical Methods</i> , 2017, 9, 1161-1167.	1.3	2
17	Pesticides in fine airborne particles: from a green analysis method to atmospheric characterization and risk assessment. <i>Scientific Reports</i> , 2017, 7, 2267.	1.6	43
18	Lower NO <sub>x</sub> but higher particle and black carbon emissions from renewable diesel compared to ultra low sulfur diesel in at-sea operations of a research vessel. <i>Aerosol Science and Technology</i> , 2017, 51, 123-134.	1.5	15

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19	Particulate pollutants in the Brazilian city of São Paulo: 1-year investigation for the chemical composition and source apportionment. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 11943-11969.	1.9	80
20	A simple, comprehensive, and miniaturized solvent extraction method for determination of particulate-phase polycyclic aromatic compounds in air. <i>Journal of Chromatography A</i> , 2016, 1435, 6-17.	1.8	62
21	Carboxylic acid emissions from soybean biodiesel oxidation in the EN14112 (Rancimat) stability test. <i>Fuel</i> , 2016, 173, 29-36.	3.4	34
22	Energy trends and the water-energy binomium for Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 569-594.	0.3	8
23	Chromatographic Techniques for Organic Analytes. <i>Comprehensive Analytical Chemistry</i> , 2015, , 267-309.	0.7	5
24	Atmospheric particle dry deposition of major ions to the South Atlantic coastal area observed at Baía de Todos os Santos, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 37-55.	0.3	15
25	Major ions in PM <sub>2.5</sub> and PM <sub>10</sub> released from buses: The use of diesel/biodiesel fuels under real conditions. <i>Fuel</i> , 2014, 115, 109-117.	3.4	30
26	Redox activity and PAH content in size-classified nanoparticles emitted by a diesel engine fuelled with biodiesel and diesel blends. <i>Fuel</i> , 2014, 116, 490-497.	3.4	59
27	Matriz energética e o binômio Água vs. energia para o Brasil. <i>Ciência E Cultura</i> , 2014, 66, 4-5.	0.5	0
28	A simple and sensitive UFLC-fluorescence method for endocrine disrupters determination in marine waters. <i>Talanta</i> , 2013, 117, 168-175.	2.9	35
29	Determinação espectrofotométrica de sulfato em álcool etílico combustível empregando dibromosulfonazo III. <i>Química Nova</i> , 2013, 36, 880-884.	0.3	1
30	Química Sem Fronteiras: o desafio da energia. <i>Química Nova</i> , 2013, 36, 1540-1551.	0.3	7
31	A comprehensive and suitable method for determining major ions from atmospheric particulate matter matrices. <i>Journal of Chromatography A</i> , 2012, 1266, 17-23.	1.8	22
32	Characteristics of Low-Molecular Weight Carboxylic Acids in PM <sub>2.5</sub> and PM <sub>10</sub> Ambient Aerosols From Tanzania. , 2012, , .		0
33	Seasonal distribution of airborne trace elements and water-soluble ions in São Paulo Megacity, Brazil. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1915-1924.	0.6	9
34	Acetaldehyde and formaldehyde concentrations from sites impacted by heavy-duty diesel vehicles and their correlation with the fuel composition: Diesel and diesel/biodiesel blends. <i>Fuel</i> , 2012, 92, 258-263.	3.4	57
35	A SDME/GC-MS methodology for determination of organophosphate and pyrethroid pesticides in water. <i>Microchemical Journal</i> , 2011, 99, 303-308.	2.3	66
36	Seasonal Variation of n-Alkanes and Polycyclic Aromatic Hydrocarbon Concentrations in PM <sub>10</sub> Samples Collected at Urban Sites of São Paulo State, Brazil. <i>Water, Air, and Soil Pollution</i> , 2011, 222, 325-336.	1.1	21

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37	Development of an analytical approach for determination of total arsenic and arsenic (III) in airborne particulate matter by slurry sampling and HG-FAAS. <i>Microchemical Journal</i> , 2010, 96, 46-49.	2.3	30
38	Quantification and source identification of atmospheric particulate polycyclic aromatic hydrocarbons and their dry deposition fluxes at three sites in Salvador Basin, Brazil, impacted by mobile and stationary sources. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 680-692.	0.6	28
39	Influence of sources and meteorology on surface concentrations of gases and aerosols in a coastal industrial complex. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 214-221.	0.6	7
40	A liquid chromatographic method optimization for the assessment of low and high molar mass carbonyl compounds in wines. <i>Journal of Separation Science</i> , 2009, 32, 3432-3440.	1.3	13
41	Multivariate optimization of a GC-MS method for determination of sixteen priority polycyclic aromatic hydrocarbons in environmental samples. <i>Journal of Separation Science</i> , 2008, 31, 1787-1796.	1.3	16
42	Carbonyl compounds emitted by a diesel engine fuelled with diesel and biodiesel-diesel blends: Sampling optimization and emissions profile. <i>Atmospheric Environment</i> , 2008, 42, 8211-8218.	1.9	79
43	Atmospheric particulate polycyclic aromatic hydrocarbons from road transport in southeast Brazil. <i>Transportation Research, Part D: Transport and Environment</i> , 2008, 13, 483-490.	3.2	30
44	The Role of Additives for Diesel and Diesel Blended (Ethanol or Biodiesel) Fuels: A Review. <i>Energy &amp; Fuels</i> , 2007, 21, 2433-2445.	2.5	415
45	Evaluation of the Formation and Stability of Hydroxyalkylsulfonic Acids in Wines. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8670-8680.	2.4	84
46	Atmospheric concentrations and dry deposition fluxes of particulate trace metals in Salvador, Bahia, Brazil. <i>Atmospheric Environment</i> , 2007, 41, 7837-7850.	1.9	74
47	Influence of Agricultural Biomass Burning on Aerosol Size Distribution and Dry Deposition in Southeastern Brazil. <i>Environmental Science &amp; Technology</i> , 2005, 39, 5293-5301.	4.6	49