Gisele O Da Rocha

List of Publications by Year
in descending order

47	19,443	304368	233125
papers	citations	22 h-index	45 g-index

47	47	47	41245
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occurrence of the potent mutagens 2- nitrobenzanthrone and 3-nitrobenzanthrone in fine airborne particles. Scientific Reports, 2019, 9, 1.	1.6	17,835
2	The Role of Additives for Diesel and Diesel Blended (Ethanol or Biodiesel) Fuels:Â A Review. Energy & Fuels, 2007, 21, 2433-2445.	2.5	415
3	Evaluation of the Formation and Stability of Hydroxyalkylsulfonic Acids in Wines. Journal of Agricultural and Food Chemistry, 2007, 55, 8670-8680.	2.4	84
4	Particulate pollutants in the Brazilian city of SÃ£o Paulo: 1-year investigation for the chemical composition and source apportionment. Atmospheric Chemistry and Physics, 2017, 17, 11943-11969.	1.9	80
5	Carbonyl compounds emitted by a diesel engine fuelled with diesel and biodieselâ€“diesel blends: Sampling optimization and emissions profile. Atmospheric Environment, 2008, 42, 8211-8218.	1.9	79
6	Atmospheric concentrations and dry deposition fluxes of particulate trace metals in Salvador, Bahia, Brazil. Atmospheric Environment, 2007, 41, 7837-7850.	1.9	74
7	A SDME/GCâ€“MS methodology for determination of organophosphate and pyrethroid pesticides in water. Microchemical Journal, 2011, 99, 303-308.	2.3	66
8	A simple, comprehensive, and miniaturized solvent extraction method for determination of particulate-phase polycyclic aromatic compounds in air. Journal of Chromatography A, 2016, 1435, 6-17.	1.8	62
9	Redox activity and PAH content in size-classified nanoparticles emitted by a diesel engine fuelled with biodiesel and diesel blends. Fuel, 2014, 116, 490-497.	3.4	59
10	Acetaldehyde and formaldehyde concentrations from sites impacted by heavy-duty diesel vehicles and their correlation with the fuel composition: Diesel and diesel/biodiesel blends. Fuel, 2012, 92, 258-263.	3.4	57
11	Influence of Agricultural Biomass Burning on Aerosol Size Distribution and Dry Deposition in Southeastern Brazil. Environmental Science & Technology, 2005, 39, 5293-5301.	4.6	49
12	Pesticides in fine airborne particles: from a green analysis method to atmospheric characterization and risk assessment. Scientific Reports, 2017, 7, 2267.	1.6	43
13	A simple and sensitive UFLC-fluorescence method for endocrine disrupters determination in marine waters. Talanta, 2013, 117, 168-175.	2.9	35
14	Carboxylic acid emissions from soybean biodiesel oxidation in the EN14112 (Rancimat) stability test. Fuel, 2016, 173, 29-36.	3.4	34
15	A rapid low-consuming solvent extraction procedure for simultaneous determination of 34 multiclass pesticides associated to respirable atmospheric particulate matter (PM2.5) by GCâ€“MS. Microchemical Journal, 2018, 139, 424-436.	2.3	34
16	Simple and effective dispersive micro-solid phase extraction procedure for simultaneous determination of polycyclic aromatic compounds in fresh and marine waters. Talanta, 2019, 204, 776-791.	2.9	32
17	Microplastic pollution in Southern Atlantic marine waters: Review of current trends, sources, and perspectives. Science of the Total Environment, 2021, 782, 146541.	3.9	31
18	Atmospheric particulate polycyclic aromatic hydrocarbons from road transport in southeast Brazil. Transportation Research, Part D: Transport and Environment, 2008, 13, 483-490.	3.2	30

#	Article	IF	Citations
19	Development of an analytical approach for determination of total arsenic and arsenic (III) in airborne particulate matter by slurry sampling and HG-FAAS. Microchemical Journal, 2010, 96, 46-49.	2.3	30
20	Major ions in PM2.5 and PM10 released from buses: The use of diesel/biodiesel fuels under real conditions. Fuel, 2014, 115, 109-117.	3.4	30
21	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. Journal of the Brazilian Chemical Society, 2009, 20, 680-692.	0.6	28
22	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. Aerosol Science and Technology, 2017, 51, 147-158.	1.5	27
23	A comprehensive and suitable method for determining major ions from atmospheric particulate matter matrices. Journal of Chromatography A, 2012, 1266, 17-23.	1.8	22
24	Seasonal Variation of n-Alkanes and Polycyclic Aromatic Hydrocarbon Concentrations in PM10 Samples Collected at Urban Sites of SÃ£o Paulo State, Brazil. Water, Air, and Soil Pollution, 2011, 222, 325-336.	1.1	21
25	Pesticides in the atmospheric environment: an overview on their determination methodologies. Analytical Methods, 2018, 10, 4484-4504.	1.3	20
26	Multivariate optimization of a GCâ€“MS method for determination of sixteen priority polycyclic aromatic hydrocarbons in environmental samples. Journal of Separation Science, 2008, 31, 1787-1796.	1.3	16
27	Atmospheric particle dry deposition of major ions to the South Atlantic coastal area observed at BaÃa de Todos os Santos, Brazil. Anais Da Academia Brasileira De Ciencias, 2014, 86, 37-55.	0.3	15
28	Lower NO_x but higher particle and black carbon emissions from renewable diesel compared to ultra low sulfur diesel in at-sea operations of a research vessel. Aerosol Science and Technology, 2017, 51, 123-134.	1.5	15
29	Customized dispersive micro-solid-phase extraction device combined with micro-desorption for the simultaneous determination of 39 multiclass pesticides in environmental water samples. Journal of Chromatography A, 2021, 1639, 461781.	1.8	15
30	A liquid chromatographic method optimization for the assessment of low and high molar mass carbonyl compounds in wines. Journal of Separation Science, 2009, 32, 3432-3440.	1.3	13
31	Occurrence of 3-nitrobenzanthrone and other powerful mutagenic polycyclic aromatic compounds in living organisms: polychaetes. Scientific Reports, 2020, 10, 3465.	1.6	11
32	Determination of free- and bound-carbonyl compounds in airborne particles by ultra-fast liquid chromatography coupled to mass spectrometry. Talanta, 2020, 217, 121033.	2.9	10
33	Method development using chemometric tools for determination of endocrine-disrupting chemicals in bottled mineral waters. Food Chemistry, 2022, 370, 131062.	4.2	10
34	Seasonal distribution of airborne trace elements and water-soluble ions in SÃ£o Paulo Megacity, Brazil. Journal of the Brazilian Chemical Society, 2012, 23, 1915-1924.	0.6	9
35	Energy trends and the water-energy binomium for Brazil. Anais Da Academia Brasileira De Ciencias, 2015, 87, 569-594.	0.3	8
36	Influence of sources and meteorology on surface concentrations of gases and aerosols in a coastal industrial complex. Journal of the Brazilian Chemical Society, 2009, 20, 214-221.	0.6	7

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37	QuÃmica Sem Fronteiras: o desafio da energia. Quimica Nova, 2013, 36, 1540-1551.	0.3	7
38	Seasonality of airborne trace element sources in Aracaju, Northeastern, Brazil. Journal of Environmental Management, 2019, 247, 19-28.	3.8	7
39	A miniaturized simple binary solvent liquid phase microextraction (BS-LPME) procedure for pesticides multiresidues determination in red and rosÃ¨ wines. Microchemical Journal, 2021, 167, 106306.	2.3	7
40	Chromatographic Techniques for Organic Analytes. Comprehensive Analytical Chemistry, 2015, , 267-309.	0.7	5
41	Occurrence, sources, and risk assessment of unconventional polycyclic aromatic compounds in marine sediments from sandy beach intertidal zones. Science of the Total Environment, 2022, 810, 152019.	3.9	5
42	Cartridge development for the solid extraction of phenolic compounds in cachaÃ§a samples. Analytical Methods, 2017, 9, 1161-1167.	1.3	2
43	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. Environmental Science and Pollution Research, 2019, 26, 21416-21424.	2.7	2
44	DeterminaÃ§Ã£o espectrofotomÃ©trica de sulfato em Ã¡lcool etÃlico combustÃvel empregando dibromosulfonazo III. Quimica Nova, 2013, 36, 880-884.	0.3	1
45	Fine and Coarse Particle-Bound Mercury in (Bio)fuels and Biodiesel/Diesel Exhaust under Real World Circumstances. Energy & Fuels, 2020, 34, 16173-16180.	2.5	1
46	Characteristics of Low-Molecular Weight Carboxylic Acids in PM2.5 and PM10 Ambient Aerosols From Tanzania. , 2012, , .		0
47	Matriz energÃ©tica e o binÃ´mio Ã¡gua vs. energia para o Brasil. CiÃªncia E Cultura, 2014, 66, 4-5.	0.5	0