Jailson Bittencourt de Andrade

List of Publications by Year
in descending order

216 papers	23,973 citations	94269 37 h-index	9311 143 g-index
225 all docs	225 docs citations	225 times ranked	46101 citing authors

#	Article	IF	Citations
1	Method development using chemometric tools for determination of endocrine-disrupting chemicals in bottled mineral waters. Food Chemistry, 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. Science of the Total Environment, 2022, 810, 152019.	3.9	5
3	Determination of 3-nitrobenzanthrone, its metabolites, and 41 polycyclic aromatic compounds (16) Tj ETQq1 1 0.784314 rgBT /Overl 107081.	2.3	3
4	Analytical advances and challenges for the determination of heterocyclic aromatic compounds (NSO-HET) in sediment: A review. TrAC - Trends in Analytical Chemistry, 2022, 150, 116586.	5.8	8
5	Evaluation of SARS-CoV-2 concentrations in wastewater and river water samples. Case Studies in Chemical and Environmental Engineering, 2022, 6, 100214.	2.9	11
6	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
7	CooperaÃ§Ã£o internacional do Brasil em ciÃªncia oceÃ¢nica. CiÃªncia E Cultura, 2021, 73, 12-15.	0.5	0
8	Upgrading from batch to continuous flow process for the pyrolysis of sugarcane bagasse: Structural characterization of the biochars produced. Journal of Environmental Management, 2021, 285, 112145.	3.8	29
9	Potential application of novel technology developed for instant decontamination of personal protective equipment before the doffing step. PLoS ONE, 2021, 16, e0250854.	1.1	5
10	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
11	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
12	Microscale extraction combined with gas chromatography/mass spectrometry for the simultaneous determination of polycyclic aromatic hydrocarbons and polycyclic aromatic sulfur heterocycles in marine sediments. Journal of Chromatography A, 2021, 1653, 462414.	1.8	13
13	Exploratory analysis of the presence of 14 carbonyl compounds in bottled mineral water in polyethylene terephthalate (PET) containers. Food Chemistry, 2021, 365, 130475.	4.2	4
14	Inflammation response, oxidative stress and DNA damage caused by urban air pollution exposure increase in the lack of DNA repair XPC protein. Environment International, 2020, 145, 106150.	4.8	44
15	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
16	Occurrence of 3-nitrobenzanthrone and other powerful mutagenic polycyclic aromatic compounds in living organisms: polychaetes. Scientific Reports, 2020, 10, 3465.	1.6	11
17	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
18	Determination and Profiling of Human Skin Odors Using Hair Samples. Molecules, 2019, 24, 2964.	1.7	8

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19	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
20	Historical records of mercury deposition in dated sediment cores reveal the impacts of the legacy and present-day human activities in Todos os Santos Bay, Northeast Brazil. Marine Pollution Bulletin, 2019, 145, 396-406.	2.3	22
21	Investigation of different chemical modifiers based on the Pd/Mg mixture for the determination of sulfur in shale oil by high-resolution continuum source graphite furnace molecular absorption spectrometry. Talanta, 2019, 204, 206-212.	2.9	9
22	Occurrence of the potent mutagens 2- nitrobenzanthrone and 3-nitrobenzanthrone in fine airborne particles. Scientific Reports, 2019, 9, 1.	1.6	17,835
23	Investigation of spectral interference in the determination of Pb in road dust using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Journal of Analytical Atomic Spectrometry, 2018, 33, 593-602.	1.6	11
24	Determination of free and total sulfur(IV) compounds in coconut water using high-resolution continuum source molecular absorption spectrometry in gas phase. Talanta, 2018, 179, 810-815.	2.9	8
25	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
26	Determination of silicon in biomass and products of pyrolysis process via high-resolution continuum source atomic absorption spectrometry. Talanta, 2018, 179, 828-835.	2.9	13
27	Attraction of phlebotomine sandflies to volatiles from skin odors of individuals residing in an endemic area of tegumentary leishmaniasis. PLoS ONE, 2018, 13, e0203989.	1.1	17
28	Methodology to examine polycyclic aromatic hydrocarbons (PAHs) nitrated PAHs and oxygenated PAHs in sediments of the ParaguaÃ§u River (Bahia, Brazil). Marine Pollution Bulletin, 2018, 136, 248-256.	2.3	30
29	Determination of Cr, Cu and Pb in industrial waste of oil shale using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Analytical Methods, 2018, 10, 3645-3653.	1.3	7
30	Pesticides in the atmospheric environment: an overview on their determination methodologies. Analytical Methods, 2018, 10, 4484-4504.	1.3	20
31	An online preconcentration system for speciation analysis of arsenic in seawater by hydride generation flame atomic absorption spectrometry. Microchemical Journal, 2018, 143, 175-180.	2.3	35
32	Simultaneous determination of PAHS, nitro-PAHS and quinones in surface and groundwater samples using SDME/GC-MS. Microchemical Journal, 2017, 133, 431-440.	2.3	67
33	Pesticides in fine airborne particles: from a green analysis method to atmospheric characterization and risk assessment. Scientific Reports, 2017, 7, 2267.	1.6	43
34	Investigation of chemical modifiers for the determination of cadmium and chromium in fish oil and lipoid matrices using HR-CS GF AAS and a simple â€˜dilute-and-shootâ€™ approach. Microchemical Journal, 2017, 133, 175-181.	2.3	19
35	Discrimination of Eugenia uniflora L. biotypes based on volatile compounds in leaves using HS-SPME/GCâ€“MS and chemometric analysis. Microchemical Journal, 2017, 130, 79-87.	2.3	48
36	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

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37	Innovation in Biorefineries I. Production of Second Generation Ethanol from Elephant Grass (Pennisetum purpureum) and Sugarcane Bagasse (Saccharum officinarum). Revista Virtual De Quimica, 2017, 9, 4-14.	0.1	6
38	Use and Application of Photochemical Modeling to Predict the Formation of Tropospheric Ozone. Revista Virtual De Quimica, 2017, 9, 2082-2099.	0.1	0
39	SOURCES, FORMATION, REACTIVITY AND DETERMINATION OF QUINONES IN THE ATMOSPHERE. Quimica Nova, 2016, , .	0.3	8
40	Sequential and simultaneous determination of four elements in soil samples using high-resolution continuum source graphite furnace atomic and molecular absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2016, 31, 1269-1277.	1.6	25
41	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
42	Determination of lead in biomass and products of the pyrolysis process by direct solid or liquid sample analysis using HR-CS GF AAS. Talanta, 2016, 146, 166-174.	2.9	33
43	Determination of silicon in plant materials using direct solid sample analysis with high-resolution continuum source graphite furnace atomic absorption spectrometry. Microchemical Journal, 2016, 124, 380-385.	2.3	15
44	Determination of sulfur in crude oil using high-resolution continuum source molecular absorption spectrometry of the SnS molecule in a graphite furnace. Talanta, 2016, 146, 203-208.	2.9	24
45	Scientific Collaboration Networks of the â€œEnergy and Environment INCTâ€• Revista Virtual De Quimica, 2016, 8, 1234-1248.	0.1	1
46	Energy trends and the water-energy binomium for Brazil. Anais Da Academia Brasileira De Ciencias, 2015, 87, 569-594.	0.3	8
47	Water Challenges and Solutions for Brazil and South America. ACS Symposium Series, 2015, , 71-94.	0.5	2
48	Fluorine determination in coal using high-resolution graphite furnace molecular absorption spectrometry and direct solid sample analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 105, 18-24.	1.5	22
49	Simultaneous determination of pesticide multiresidues in white wine and rosÃ© wine by SDME/GC-MS. Microchemical Journal, 2015, 120, 69-76.	2.3	54
50	Evaluation of PAH contamination in soil treated with solid by-products from shale pyrolysis. Environmental Monitoring and Assessment, 2015, 187, 4123.	1.3	3
51	Slow pyrolysis of different Brazilian waste biomasses as sources of soil conditioners and energy, and for environmental protection. Journal of Analytical and Applied Pyrolysis, 2015, 113, 434-443.	2.6	73
52	Determination of chlorine in coal via the SrCl molecule using high-resolution graphite furnace molecular absorption spectrometry and direct solid sample analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 114, 46-50.	1.5	22
53	Direct determination of quinones in fine atmospheric particulate matter by GCâ€“MS. Microchemical Journal, 2015, 118, 26-31.	2.3	13
54	O OLHAR DE JANUS. Quimica Nova, 2015, , .	0.3	0

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55	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
56	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
57	Determination of nineteen pesticides residues (organophosphates, organochlorine, pyrethroids,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2014, 112, 119-126.	2.3	85
58	Strontium mono-chloride â€" A new molecule for the determination of chlorine using high-resolution graphite furnace molecular absorption spectrometry and direct solid sample analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 102, 1-6.	1.5	26
59	Simultaneous determination of Mo and Ni in wine and soil amendments by HR-CS GF AAS. Analytical Methods, 2014, 6, 4247-4256.	1.3	17
60	Investigation of spectral interferences in the determination of lead in fertilizers and limestone samples using high-resolution continuum source graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 101, 213-219.	1.5	19
61	Identification of biomarkers in the hair of dogs: new diagnostic possibilities in the study and control of visceral leishmaniasis. Analytical and Bioanalytical Chemistry, 2014, 406, 6691-6700.	1.9	30
62	Assessment of the use of oxygenated fuels on emissions and performance of a diesel engine. Microchemical Journal, 2014, 117, 94-99.	2.3	39
63	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
64	Method development for the determination of bromine in coal using high-resolution continuum source graphite furnace molecular absorption spectrometry and direct solid sample analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 96, 33-39.	1.5	23
65	Determination of copper in airborne particulate matter using slurry sampling and chemical vapor generation atomic absorption spectrometry. Talanta, 2014, 127, 140-145.	2.9	12
66	HS-SPME/GC-MS Analysis of VOC and Multivariate Techniques Applied to the Discrimination of Brazilian Varieties of Mango. American Journal of Analytical Chemistry, 2014, 05, 157-164.	0.3	8
67	Matriz energÃ©tica e o binÃ´mio Ã¡gua vs. energia para o Brasil. CiÃªncia E Cultura, 2014, 66, 4-5.	0.5	0
68	Exposure to carbonyl compounds in charcoal production plants in Bahia, Brazil. Environmental Science and Pollution Research, 2013, 20, 1565-1573.	2.7	5
69	Volatile Organic Compounds Obtained by in Vitro Callus Cultivation of Plectranthus ornatus Codd. (Lamiaceae). Molecules, 2013, 18, 10320-10333.	1.7	16
70	A separation system for lead fractionation in river water using electrothermal atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2013, 28, 156-160.	1.6	2
71	A simple and sensitive UFLC-fluorescence method for endocrine disrupters determination in marine waters. Talanta, 2013, 117, 168-175.	2.9	35
72	Determination of sulfur in coal using direct solid sampling and high-resolution continuum source molecular absorption spectrometry of the CS molecule in a graphite furnace. Talanta, 2013, 106, 368-374.	2.9	39

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73	Investigations into the polymorphic properties of N,N-dimethyltryptamine by X-ray diffraction and differential scanning calorimetry. Microchemical Journal, 2013, 110, 146-157.	2.3	7
74	Determination of N,N-dimethyltryptamine in beverages consumed in religious practices by headspace solid-phase microextraction followed by gas chromatography ion trap mass spectrometry. Talanta, 2013, 106, 394-398.	2.9	26
75	Sequential determination of Cd and Cr in biomass samples and their ashes using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Talanta, 2013, 115, 55-60.	2.9	34
76	Application of analytical methods for the structural characterization and purity assessment of N,N-dimethyltryptamine, a potent psychedelic agent isolated from Mimosa tenuiflora inner barks. Microchemical Journal, 2013, 109, 78-83.	2.3	26
77	QuÃmica Sem Fronteiras: o desafio da energia. Quimica Nova, 2013, 36, 1540-1551.	0.3	7
78	Solubilidade das substÂ¢ncias orgÂ¢nicas. Quimica Nova, 2013, 36, 1248-1255.	0.3	48
79	Fernando Galembeck: 70 anos!. Quimica Nova, 2013, 36, 1-1.	0.3	3
80	QuÃmica sem fronteiras. Quimica Nova, 2013, 36, 1481-1481.	0.3	0
81	QuÃmica Nova Interativa - QNInt - o portal do conhecimento da SBQ: conectando ciÃªncia e educaÃ§Ã£o. Quimica Nova, 2013, 36, 484-488.	0.3	1
82	Tribute of the SBQ and the JBCS to Professor Fernando Galembeck on his 70th birthday. Journal of the Brazilian Chemical Society, 2013, 24, 177-177.	0.6	0
83	Physicochemical characteristics of ozonated sunflower oils obtained by different procedures. Grasas Y Aceites, 2012, 63, 466-474.	0.3	16
84	Critical Evaluation of Analytical Procedures for the Determination of Lead in Seawater. Applied Spectroscopy Reviews, 2012, 47, 633-653.	3.4	4
85	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
86	Comparison of three different sample preparation procedures for the determination of traffic-related elements in airborne particulate matter collected on glass fiber filters. Talanta, 2012, 88, 689-695.	2.9	30
87	Determination of N,N-dimethyltryptamine in Mimosa tenuiflora inner barks by matrix solid-phase dispersion procedure and GCâ€“MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 881-882, 107-110.	1.2	20
88	DeterminaÃ§Ã£o de compostos carbonilados e carboxilados em derivados de petrÃ³leo. Quimica Nova, 2012, 35, 1644-1656.	0.3	4
89	Analytical techniques for the determination of tryptamines and Î²â€carbolines in plant matrices and in psychoactive beverages consumed during religious ceremonies and neoâ€shamanic urban practices. Drug Testing and Analysis, 2012, 4, 636-648.	1.6	28
90	Particle emission from heavy-duty engine fuelled with blended diesel and biodiesel. Environmental Monitoring and Assessment, 2012, 184, 2663-2676.	1.3	38

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91	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
92	Evaluation of thermal stability of quinones by thermal analysis techniques. Thermochimica Acta, 2012, 529, 1-5.	1.2	20
93	QuÃmica sem fronteiras. Quimica Nova, 2012, 35, 2092-2097.	0.3	3
94	Journal of the Brazilian Chemical Society: an example of success in the Brazilian chemistry. Journal of the Brazilian Chemical Society, 2012, 23, 2131-2132.	0.6	1
95	Todos os Santos Bay Research Program: Response to the Complexity of the Demands for Knowledge. Revista Virtual De Quimica, 2012, 4, .	0.1	2
96	Contamination at Todos os Santos Bay. Revista Virtual De Quimica, 2012, 4, .	0.1	5
97	A QuÃmica, suas interfaces e a BaÃa de Todos os Santos, uma das muitas baÃas do Brasil. Revista Virtual De Quimica, 2012, 4, .	0.1	0
98	A sociedade brasileira de quÃmica e o ano internacional da quÃmica. Journal of the Brazilian Chemical Society, 2012, 23, 373-374.	0.6	0
99	Speciation analysis of inorganic antimony in airborne particulate matter employing slurry sampling and HG QT AAS. Journal of Analytical Atomic Spectrometry, 2011, 26, 1887.	1.6	20
100	A SDME/GCâ€“MS methodology for determination of organophosphate and pyrethroid pesticides in water. Microchemical Journal, 2011, 99, 303-308.	2.3	66
101	A chemical study of Î²-carotene oxidation by ozone in an organic model system and the identification of the resulting products. Food Chemistry, 2011, 126, 927-934.	4.2	37
102	Development of a headspace solid-phase microextraction/gas chromatographyâ€“mass spectrometry method for determination of organophosphorus pesticide residues in cow milk. Microchemical Journal, 2011, 98, 56-61.	2.3	104
103	Characterization of Brazilian oil shale byproducts planned for use as soil conditioners for food and agro-energy production. Journal of Analytical and Applied Pyrolysis, 2011, 90, 112-117.	2.6	29
104	Especial Dedicado ao INCT de Energia & Ambiente. Revista Virtual De Quimica, 2011, 3, .	0.1	0
105	XXIX Congresso Latino Americano de QuÃmica. Journal of the Brazilian Chemical Society, 2011, 22, 2239-2240.	0.6	0
106	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
107	Sulfetos: por que nem todos sÃ£o insolÃºveis?. Quimica Nova, 2010, 33, 2283-2286.	0.3	1
108	Preparation, Characterization, and Selectivity Study of Mixed-Valence Sulfites. Journal of Chemical Education, 2010, 87, 530-532.	1.1	3

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109	Homenagem da sociedade Brasileira de quÃmica ao professor Hans Viertler. Quimica Nova, 2010, 33, 2013-2013.	0.3	0
110	HÃ¡ futuro para as revistas das sociedades cientÃficas?. Quimica Nova, 2010, 33, 243-243.	0.3	1
111	Editorial: connecting science, technology and education. Journal of the Brazilian Chemical Society, 2010, 21, 1594-1594.	0.6	0
112	A quÃmica brasileira e a 4Âª ConferÃªncia Nacional de CiÃªncia,Tecnologia e InovaÃ§Ã£o. Journal of the Brazilian Chemical Society, 2010, 21, 191-191.	0.6	0
113	Multivariate optimization and validation of an analytical method for the determination of cadmium in wines employing ET AAS. Journal of the Brazilian Chemical Society, 2009, 20, 788-794.	0.6	12
114	ValidaÃ§Ã£o de mÃ©todos cromatogrÃ¡ficos de anÃ¡lise: um experimento de fÃ¡cil aplicaÃ§Ã£o utilizando cromatografia lÃquida de alta eficiÃªncia (CLAE) e os princÃpios da "QuÃmica Verde" na determinaÃ§Ã£o de metilxantinas em bebidas. Quimica Nova, 2009, 32, 2476-2481.	0.3	9
115	Recursos humanos para novos cenÃ¡rios. Quimica Nova, 2009, 32, 567-570.	0.3	4
116	Efeito da acidez e de modificadores orgÃ¢nicos na determinaÃ§Ã£o de metilxantinas: um experimento de cromatografia liquida de alta eficiÃªncia (CLAE) empregando otimizaÃ§Ã£o uni e multivariada. Quimica Nova, 2009, 32, 2482-2486.	0.3	0
117	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
118	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
119	Particle-associated polycyclic aromatic hydrocarbons and their dry deposition fluxes from a bus-station in the Rio de Janeiro metropolitan area, Brazil. Journal of the Brazilian Chemical Society, 2009, 20, .	0.6	11
120	Bromophenol concentrations in fish from Salvador, BA, Brazil. Anais Da Academia Brasileira De Ciencias, 2009, 81, 165-172.	0.3	12
121	Emission profile of 18 carbonyl compounds, CO, CO2, and NO emitted by a diesel engine fuelled with diesel and ternary blends containing diesel, ethanol and biodiesel or vegetable oils. Atmospheric Environment, 2009, 43, 2754-2761.	1.9	125
122	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
123	Development, validation and application of a SDME/GC-FID methodology for the multiresidue determination of organophosphate and pyrethroid pesticides in water. Talanta, 2009, 79, 1354-1359.	2.9	90
124	Optical properties of colloids formed in copperâ€“tin sulfate solution containing Rhodamine B. Journal of Alloys and Compounds, 2009, 481, 654-658.	2.8	10
125	QUALIS: Quo Vadis?. Quimica Nova, 2009, 32, 5-5.	0.3	10
126	A semi-continuous analyzer for the fluorimetric determination of atmospheric formaldehyde. Journal of the Brazilian Chemical Society, 2009, 20, 259-265.	0.6	6

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127	Editorial: think like a scientist and act like a teacher. Journal of the Brazilian Chemical Society, 2009, 20, 575-576.	0.6	0
128	Editorial: the dream is still alive.... Journal of the Brazilian Chemical Society, 2009, 20, iv-iv.	0.6	0
129	Bons exemplos de inclusÃ£o cientÃfica e tecnolÃ³gica. Quimica Nova, 2009, 32, 1691-1691.	0.3	0
130	Headspace solid phase microextraction/gas chromatographyâ€“mass spectrometry combined to chemometric analysis for volatile organic compounds determination in canine hair: A new tool to detect dog contamination by visceral leishmaniasis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 392-398.	1.2	28
131	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
132	Determination of carbonyl compounds in the atmosphere of charcoal plants by HPLC and UV detection. Journal of Separation Science, 2008, 31, 1686-1693.	1.3	21
133	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
134	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
135	Influence of NO2 and metal ions on oxidation of aqueous-phase S(IV) in atmospheric concentrations. Anais Da Academia Brasileira De Ciencias, 2008, 80, 279-290.	0.3	4
136	Determination of moisture content and water activity in algae and fish by thermoanalytical techniques. Quimica Nova, 2008, 31, 901-905.	0.3	51
137	A sensitive flow analysis system for the fluorimetric determination of low levels of formaldehyde in alcoholic beverages. Talanta, 2007, 73, 561-566.	2.9	48
138	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
139	Evaluation of the Formation and Stability of Hydroxyalkylsulfonic Acids in Wines. Journal of Agricultural and Food Chemistry, 2007, 55, 8670-8680.	2.4	84
140	Use of Cu2+ as a metal ion probe for the EPR study of metal complexation sites in the double sulfite CuI 2SO3.CdII SO3 .2H2O. Journal of the Brazilian Chemical Society, 2007, 18, 607-610.	0.6	11
141	Efeito da presenÃ§a e concentraÃ§Ã£o de compostos carbonÃ¡licos na qualidade de vinhos. Quimica Nova, 2007, 30, 1968-1975.	0.3	15
142	A importÃ¢ncia das revistas QuÃmica Nova e Journal of the Brazilian Chemical Society no crescimento da Ã¡rea de quÃmica no Brasil. Quimica Nova, 2007, 30, 1491-1497.	0.3	2
143	Influence of ultrasonic waves in the reduction of nitrate to nitrite by hydrazineâ€“Cu(II). Ultrasonics Sonochemistry, 2007, 14, 275-280.	3.8	10
144	Optical properties of the new potential infrared-detectors Cu(I)2SO3Â·M(II)SO3Â·2H2O (M=Cu, Fe, Mn, and) Tj ETQq0 0 0 rgBT /Overloc	1.2	6

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145	Statistical designs and response surface techniques for the optimization of chromatographic systems. Journal of Chromatography A, 2007, 1158, 2-14.	1.8	493
146	Review of procedures involving separation and preconcentration for the determination of cadmium using spectrometric techniques. Journal of Hazardous Materials, 2007, 145, 358-367.	6.5	106
147	Atmospheric concentrations and dry deposition fluxes of particulate trace metals in Salvador, Bahia, Brazil. Atmospheric Environment, 2007, 41, 7837-7850.	1.9	74
148	BromofenÃ³is simples relacionados ao "flavor" de organismos marinhos. Quimica Nova, 2007, 30, 629-635.	0.3	8
149	A contribuiÃ§Ã£o da SBQ Ã pÃ³s-graduaÃ§Ã£o em quÃmica. Quimica Nova, 2007, 30, 1435-1438.	0.3	0
150	Separation and preconcentration procedures for the determination of lead using spectrometric techniques: A review. Talanta, 2006, 69, 16-24.	2.9	213
151	Multivariate optimization and HS-SPME/GC-MS analysis of VOCs in red, yellow and purple varieties of Capsicum chinense sp. peppers. Microchemical Journal, 2006, 82, 142-149.	2.3	78
152	Determination of 11 Low-Molecular-Weight Carbonyl Compounds in Marine Algae by High-Performance Liquid Chromatography. Journal of Chromatographic Science, 2006, 44, 233-238.	0.7	11
153	Biodiesel: an overview. Journal of the Brazilian Chemical Society, 2005, 16, 1313-1330.	0.6	560
154	Gas-phase ozonolysis of the monoterpenoids ()-(+)-carvone, ()-(â˜)-carvone, (â˜)-carveol, geraniol and citral. Atmospheric Environment, 2005, 39, 7715-7730.	1.9	51
155	Isomorphic Series of Double Sulfites of the Cu2SO3Ã—MSO3Ã—2H2O (M: Cu, Fe, Mn, and Cd) Type - A Review. ChemInform, 2005, 36, no-no.	0.1	0
156	Electrochemical reduction potentials of 1-nitropyrene, 9-nitroanthracene, 6-nitrochrysene and 3-nitrofluoranthene and their correlation with direct-acting mutagenicities. Journal of the Brazilian Chemical Society, 2005, 16, 1099-1103.	0.6	13
157	Multivariate optimisation of the experimental conditions for determination of three methylxanthines by reversed-phase high-performance liquid chromatography. Talanta, 2005, 67, 1007-1013.	2.9	53
158	Determination of simple bromophenols in marine fishes by reverse-phase high performance liquid chromatography (RP-HPLC). Talanta, 2005, 68, 323-328.	2.9	17
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