

# Sidnei G Da Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

358  
citations

687363

13  
h-index

839539

18  
g-index

25  
all docs

25  
docs citations

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times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	A flow injection procedure based on solenoid micro-pumps for spectrophotometric determination of free glycerol in biodiesel. <i>Talanta</i> , 2010, 83, 559-564.	5.5	36
2	RGB color sensor for colorimetric determinations: Evaluation and quantitative analysis of colored liquid samples. <i>Talanta</i> , 2022, 241, 123244.	5.5	32
3	Tungsten coil atomic emission spectrometry combined with dispersive liquid-liquid microextraction: A synergistic association for chromium determination in water samples. <i>Talanta</i> , 2016, 148, 602-608.	5.5	27
4	Sequential spectrofluorimetric determination of free and total glycerol in biodiesel in a multicommuted flow system. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 365-371.	3.7	24
5	Electrochemically Reduced Graphene Oxide for Forensic Electrochemistry: Detection of Cocaine and its Adulterants Paracetamol, Caffeine and Levamisole. <i>Electroanalysis</i> , 2017, 29, 2418-2422.	2.9	24
6	A green analytical procedure for determination of copper and iron in plant materials after cloud point extraction. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 234-239.	0.6	23
7	High-throughput screening of cocaine, adulterants, and diluents in seized samples using capillary electrophoresis with capacitively coupled contactless conductivity detection. <i>Talanta</i> , 2020, 217, 120987.	5.5	22
8	Cloud point extraction to avoid interferences by structured background on nickel determination in plant materials by FAAS. <i>Analytical Methods</i> , 2009, 1, 68.	2.7	21
9	Direct determination of sodium, potassium, chromium and vanadium in biodiesel fuel by tungsten coil atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2014, 806, 85-90.	5.4	21
10	Exploiting Mn(III)/EDTA complex in a flow system with solenoid micro-pumps coupled to long pathlength spectrophotometry for fast manganese determination. <i>Microchemical Journal</i> , 2011, 98, 109-114.	4.5	19
11	Indirect determination of formaldehyde by square-wave voltammetry based on the electrochemical oxidation of 3,5-diacetyl-1,4-dihydrolutidine using an unmodified glassy-carbon electrode. <i>Talanta</i> , 2019, 198, 237-241.	5.5	19
12	An environmentally friendly analytical procedure for nickel determination by atomic and molecular spectrometry after cloud point extraction in different samples. <i>Analytical Methods</i> , 2012, 4, 2429.	2.7	17
13	A flow injection procedure using Layered Double Hydroxide for on line pre-concentration of fluoride. <i>Talanta</i> , 2018, 178, 102-108.	5.5	15
14	Screen-printed electrodes for quality control of liquid (Bio)fuels. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 210-220.	11.4	13
15	An IoT optical sensor for photometric determination of oxalate in infusions. <i>Microchemical Journal</i> , 2021, 168, 106466.	4.5	9
16	Evaluation of Mg and Mn determination in water and plants using continuum source tungsten coil atomic fluorescence spectrometry. <i>Microchemical Journal</i> , 2014, 117, 250-254.	4.5	6
17	A multi-pumping flow system for spectrophotometric determination of oxalate in tea. <i>Microchemical Journal</i> , 2020, 157, 104938.	4.5	6
18	Cobalt as chemical modifier to improve chromium sensitivity and minimize matrix effects in tungsten coil atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2013, 780, 7-12.	5.4	5

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19	Magnesium nitrate as a chemical modifier to improve sensitivity in manganese determination in plant materials by tungsten coil atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1499-1503.	3.0	5
20	Solenoid Micro-pumps: A New Tool for Sample Introduction in Batch Injection Analysis Systems with Electrochemical Detection. <i>Electroanalysis</i> , 2018, 30, 180-186.	2.9	5
21	Internet of Things as a Tool for Sustainable Analytical Chemistry: A Review. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	4
22	A Multicommuted Flow System for Spectrophotometric Determination of Formaldehyde in Mushroom. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3
23	PERFORMING RELIABLE ABSORBANCE AND FLUORESCENCE MEASUREMENTS WITH LOW BUDGET – A TUTORIAL FOR BEGINNERS. <i>Química Nova</i> , 0, , .	0.3	1
24	Iron and selenium speciation in enriched adzuki bean sprouts after fractionation procedures by graphite furnace atomic absorption spectrometry. <i>Journal of Analytical &amp; Pharmaceutical Research</i> , 2018, 7, .	1.0	1
25	Voltammetric Determination of Free and Total Manganese in Tea Infusions. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0