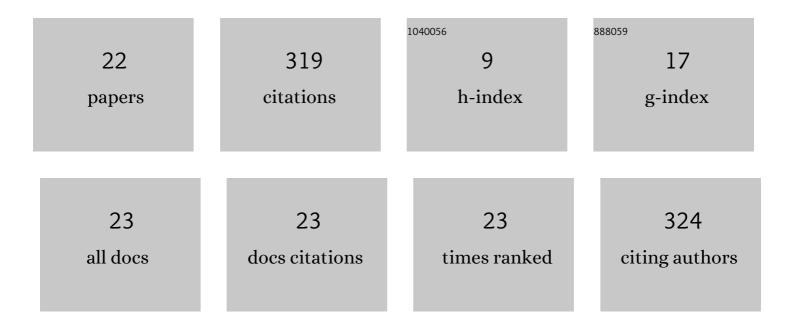
Raquel C Machado

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Analytical and reclamation technologies for identification and recycling of precious materials from waste computer and mobile phones. Chemosphere, 2022, 286, 131739.	8.2	26
2	A novel strategy for direct elemental determination using laser-induced breakdown spectroscopy: fluence calibration. Journal of Analytical Atomic Spectrometry, 2021, 36, 2132-2143.	3.0	4
3	Oral health, organic and inorganic saliva composition of men with Schizophrenia: Case-control study. Journal of Trace Elements in Medicine and Biology, 2021, 66, 126743.	3.0	8
4	Self-organizing map applied to the choice of internal standards for the determination of Cd, Pb, Sn, and platinum group elements by inductively coupled plasma mass spectrometry. Talanta, 2021, 233, 122534.	5.5	1
5	Internal standardization as a strategy to overcome non-spectral interferences in the determination of As, Cd and Pb in mineral fertilizers by synchronous vertical dual view (SVDV) ICP OES. Analytical Methods, 2020, 12, 39-45.	2.7	8
6	Solid sampling: advantages and challenges for chemical element determination—a critical review. Journal of Analytical Atomic Spectrometry, 2020, 35, 54-77.	3.0	64
7	Coprecipitation magnesium(II) hydroxide as a strategy of pre-concentration for trace elemental determination by microwave-induced plasma optical emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 169, 105899.	2.9	14
8	Evaluation of different nebulizers performance on microwave-induced plasma optical emission spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 168, 105867.	2.9	8
9	Silicon determination by microwave-induced plasma optical emission spectrometry: Considerations and strategies for the use of tetrafluorboric acid and sodium hydroxide in sample preparation procedures. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 167, 105842.	2.9	8
10	Key information related to quality by design (QbD) applications in analytical methods development. Brazilian Journal of Analytical Chemistry, 2020, 8, .	0.5	1
11	Proposition of electronic waste as a reference material – part 2: homogeneity, stability, characterization, and uncertainties. Journal of Analytical Atomic Spectrometry, 2019, 34, 2402-2410.	3.0	15
12	Proposition of electronic waste as a reference material – part 1: sample preparation, characterization and chemometric evaluation. Journal of Analytical Atomic Spectrometry, 2019, 34, 2394-2401.	3.0	16
13	LASER INDUCED-BREAKDOWN SPECTROSCOPY (LIBS): HISTÓRICO, FUNDAMENTOS, APLICAÇÕES E POTENCIALIDADES. Quimica Nova, 2019, , .	0.3	7
14	Multi-energy calibration as a strategy for elemental analysis of fertilizers by microwave-induced plasma optical emission spectrometry. Journal of Analytical Atomic Spectrometry, 2018, 33, 1168-1172.	3.0	39
15	Multielemental Determination of As, Bi, Ge, Sb, and Sn in Agricultural Samples Using Hydride Generation Coupled to Microwave-Induced Plasma Optical Emission Spectrometry. Journal of Agricultural and Food Chemistry, 2017, 65, 4839-4842.	5.2	24
16	Complex samples and spectral interferences in ICP-MS: Evaluation of tandem mass spectrometry for interference-free determination of cadmium, tin and platinum group elements. Microchemical Journal, 2017, 130, 271-275.	4.5	40
17	Evaluation of Inductively Coupled Plasma Tandem Mass Spectrometry for Determination of As in Agricultural Inputs with High REE Contents. Journal of the Brazilian Chemical Society, 2016, , .	0.6	2
18	Strategy of Sample Preparation for Arsenic Determination in Mineral Fertilizers. Journal of the Brazilian Chemical Society, 2016, , .	0.6	4

#	Article	IF	CITATIONS
19	Critical evaluation of internal standardization in ICP tandem mass spectrometry and feasibility of the oxygen reaction for boron determination in plants. Journal of Analytical Atomic Spectrometry, 2016, 31, 1179-1184.	3.0	10
20	Characterization of Synchronous Vertical Dual View Inductively Coupled Plasma Optical Emission Spectrometer with Application for Water Analysis. Analytical Letters, 2016, 49, 2092-2098.	1.8	6
21	Calibration Strategies Applied to Laser-Induced Breakdown Spectroscopy: A Critical Review of Advances and Challenges. Journal of the Brazilian Chemical Society, 0, , .	0.6	11
22	Alternative Approaches Applied to Inductively Coupled Plasma Techniques: Multi‑Flow and Two-Flow Calibration. Journal of the Brazilian Chemical Society, 0, , .	0.6	0