Krzysztof GrÄda

List of Publications by Year
in descending order

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26	845	430874	552781
papers	citations	18	26
		h-index	g-index

26	26	26	308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct analysis of wines from the province of Lower Silesia (Poland) by microplasma source optical emission spectrometry. Food Chemistry, 2022, 371, 131178.	8.2	6
2	The sensitive determination of Ag, Pb and Tl as well as reduction of spectral interferences in a hanging drop cathode atmospheric pressure glow discharge excitation microsource equipped with a Dove prism system. Journal of Analytical Atomic Spectrometry, 2022, 37, 517-527.	3.0	6
3	Determination of Ag, Bi, Cd, Hg, Pb, Tl, and Zn by inductively coupled plasma mass spectrometry combined with vapor generation assisted by solution anode glow discharge â€“ A preliminary study. Talanta, 2022, 246, 123500.	5.5	6
4	Sensitive determination of Ag, Bi, Cd, Hg, Pb, Tl, and Zn by inductively coupled plasma optical emission spectrometry combined with the microplasma-assisted vapor generation. Talanta, 2022, 249, 123694.	5.5	9
5	On the coupling of hydride generation (HG) with flowing liquid anode atmospheric pressure glow discharge (FLA-APGD) for determination of traces of As, Bi, Hg, Sb and Se by optical emission spectrometry (OES). Talanta, 2021, 222, 121510.	5.5	24
6	Determination of bismuth by optical emission spectrometry with liquid anode/cathode atmospheric pressure glow discharge. Journal of Analytical Atomic Spectrometry, 2021, 36, 165-177.	3.0	30
7	The application of antioxidant compounds to minimize matrix effects in flowing liquid anode atmospheric pressure glow discharge optical emission spectrometry. Microchemical Journal, 2021, 164, 105975.	4.5	10
8	Five years of innovations in development of glow discharges generated in contact with liquids for spectrochemical elemental analysis by optical emission spectrometry. Analytica Chimica Acta, 2021, 1169, 338399.	5.4	28
9	Hanging drop cathode-atmospheric pressure glow discharge as a new method of sample introduction for inductively coupled plasma-optical emission spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 4211-4219.	3.7	11
10	Study and reduction of matrix effects in flowing liquid anode - Atmospheric pressure glow discharge - Optical emission spectrometry. Analytica Chimica Acta, 2020, 1123, 81-90.	5.4	22
11	Enhancement of emission from indium in flowing liquid anode atmospheric pressure glow discharge using organic media. Talanta, 2019, 204, 304-309.	5.5	30
12	In-situ generation of Ag, Cd, Hg, In, Pb, Tl and Zn volatile species by flowing liquid anode atmospheric pressure glow discharge operated in gaseous jet mode â€“ Evaluation of excitation processes and analytical performance. Talanta, 2019, 199, 107-115.	5.5	47
13	Cold atmospheric plasma-induced chemical vapor generation in trace element analysis by spectrometric methods. TrAC - Trends in Analytical Chemistry, 2019, 113, 234-245.	11.4	26
14	Sensitive Determination of Cd in Small-Volume Samples by Miniaturized Liquid Drop Anode Atmospheric Pressure Glow Discharge Optical Emission Spectrometry. Analytical Chemistry, 2017, 89, 5729-5733.	6.5	53
15	Reduction of spectral interferences in atmospheric pressure glow discharge optical emission spectrometry. Microchemical Journal, 2017, 130, 7-13.	4.5	23
16	Flowing Liquid Anode Atmospheric Pressure Glow Discharge as an Excitation Source for Optical Emission Spectrometry with the Improved Detectability of Ag, Cd, Hg, Pb, Tl, and Zn. Analytical Chemistry, 2016, 88, 8812-8820.	6.5	111
17	On the coupling of hydride generation with atmospheric pressure glow discharge in contact with the flowing liquid cathode for the determination of arsenic, antimony and selenium with optical emission spectrometry. Talanta, 2015, 137, 11-17.	5.5	52
18	Direct elemental analysis of honeys by atmospheric pressure glow discharge generated in contact with a flowing liquid cathode. Journal of Analytical Atomic Spectrometry, 2015, 30, 154-161.	3.0	44

#	ARTICLE	IF	CITATIONS
19	The influence of stabilizers on the production of gold nanoparticles by direct current atmospheric pressure glow microdischarge generated in contact with liquid flowing cathode. Journal of Nanoparticle Research, 2015, 17, 185.	1.9	33
20	Determination of mercury in mosses by novel cold vapor generation atmospheric pressure glow microdischarge optical emission spectrometry after multivariate optimization. Journal of Analytical Atomic Spectrometry, 2015, 30, 1743-1751.	3.0	15
21	Coupling of cold vapor generation with an atmospheric pressure glow microdischarge sustained between a miniature flow helium jet and a flowing liquid cathode for the determination of mercury by optical emission spectrometry. Journal of Analytical Atomic Spectrometry, 2014, 29, 893-902.	3.0	26
22	Atmospheric Pressure Glow Discharges Generated in Contact with Flowing Liquid Cathode: Production of Active Species and Application in Wastewater Purification Processes. Plasma Chemistry and Plasma Processing, 2014, 34, 25-37.	2.4	68
23	Direct Current Atmospheric Pressure Microdischarge Generated between a Miniature Flow Helium Microjet and a Flowing Liquid Cathode. Plasma Processes and Polymers, 2014, 11, 755-762.	3.0	13
24	Comparison of the performance of direct current atmospheric pressure glow microdischarges operated between a small sized flowing liquid cathode and miniature argon or helium flow microjets. Journal of Analytical Atomic Spectrometry, 2013, 28, 1233.	3.0	34
25	The improvement of the analytical performance of direct current atmospheric pressure glow discharge generated in contact with the small-sized liquid cathode after the addition of non-ionic surfactants to electrolyte solutions. Talanta, 2013, 108, 74-82.	5.5	79
26	Effect of the addition of non-ionic surfactants on the emission characteristic of direct current atmospheric pressure glow discharge generated in contact with a flowing liquid cathode. Journal of Analytical Atomic Spectrometry, 2012, 28, 134-141.	3.0	39