

Krzysztof GrÄda

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

845
citations

430874

18
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

308
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | 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. <i>Analytical Chemistry</i> , 2016, 88, 8812-8820. | 6.5 | 111 |
| 2 | 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. <i>Talanta</i> , 2013, 108, 74-82. | 5.5 | 79 |
| 3 | Atmospheric Pressure Glow Discharges Generated in Contact with Flowing Liquid Cathode: Production of Active Species and Application in Wastewater Purification Processes. <i>Plasma Chemistry and Plasma Processing</i> , 2014, 34, 25-37. | 2.4 | 68 |
| 4 | Sensitive Determination of Cd in Small-Volume Samples by Miniaturized Liquid Drop Anode Atmospheric Pressure Glow Discharge Optical Emission Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 5729-5733. | 6.5 | 53 |
| 5 | 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. <i>Talanta</i> , 2015, 137, 11-17. | 5.5 | 52 |
| 6 | 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 " Evaluation of excitation processes and analytical performance. <i>Talanta</i> , 2019, 199, 107-115. | 5.5 | 47 |
| 7 | Direct elemental analysis of honeys by atmospheric pressure glow discharge generated in contact with a flowing liquid cathode. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 154-161. | 3.0 | 44 |
| 8 | 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. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 28, 134-141. | 3.0 | 39 |
| 9 | 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. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 1233. | 3.0 | 34 |
| 10 | The influence of stabilizers on the production of gold nanoparticles by direct current atmospheric pressure glow microdischarge generated in contact with liquid flowing cathode. <i>Journal of Nanoparticle Research</i> , 2015, 17, 185. | 1.9 | 33 |
| 11 | Enhancement of emission from indium in flowing liquid anode atmospheric pressure glow discharge using organic media. <i>Talanta</i> , 2019, 204, 304-309. | 5.5 | 30 |
| 12 | Determination of bismuth by optical emission spectrometry with liquid anode/cathode atmospheric pressure glow discharge. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 165-177. | 3.0 | 30 |
| 13 | Five years of innovations in development of glow discharges generated in contact with liquids for spectrochemical elemental analysis by optical emission spectrometry. <i>Analytica Chimica Acta</i> , 2021, 1169, 338399. | 5.4 | 28 |
| 14 | 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. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 893-902. | 3.0 | 26 |
| 15 | Cold atmospheric plasma-induced chemical vapor generation in trace element analysis by spectrometric methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 234-245. | 11.4 | 26 |
| 16 | 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). <i>Talanta</i> , 2021, 222, 121510. | 5.5 | 24 |
| 17 | Reduction of spectral interferences in atmospheric pressure glow discharge optical emission spectrometry. <i>Microchemical Journal</i> , 2017, 130, 7-13. | 4.5 | 23 |
| 18 | Study and reduction of matrix effects in flowing liquid anode - Atmospheric pressure glow discharge - Optical emission spectrometry. <i>Analytica Chimica Acta</i> , 2020, 1123, 81-90. | 5.4 | 22 |

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Determination of mercury in mosses by novel cold vapor generation atmospheric pressure glow microdischarge optical emission spectrometry after multivariate optimization. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1743-1751. | 3.0 | 15 |
| 20 | Direct Current Atmospheric Pressure Microdischarge Generated between a Miniature Flow Helium Microjet and a Flowing Liquid Cathode. <i>Plasma Processes and Polymers</i> , 2014, 11, 755-762. | 3.0 | 13 |
| 21 | Hanging drop cathode-atmospheric pressure glow discharge as a new method of sample introduction for inductively coupled plasma-optical emission spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4211-4219. | 3.7 | 11 |
| 22 | The application of antioxidant compounds to minimize matrix effects in flowing liquid anode atmospheric pressure glow discharge optical emission spectrometry. <i>Microchemical Journal</i> , 2021, 164, 105975. | 4.5 | 10 |
| 23 | 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. <i>Talanta</i> , 2022, 249, 123694. | 5.5 | 9 |
| 24 | Direct analysis of wines from the province of Lower Silesia (Poland) by microplasma source optical emission spectrometry. <i>Food Chemistry</i> , 2022, 371, 131178. | 8.2 | 6 |
| 25 | 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. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 517-527. | 3.0 | 6 |
| 26 | 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 – A preliminary study. <i>Talanta</i> , 2022, 246, 123500. | 5.5 | 6 |