

# BrJAC Author's Guidelines

The *Brazilian Journal of Analytical Chemistry* (BrJAC) is a peer-reviewed scientific journal intended for professionals and institutions acting mainly in all branches of Analytical Chemistry. BrJAC is an open access journal which does not charge authors an article processing fee.

## Scope

BrJAC is dedicated to professionals involved in science, technology and innovation projects in the area of analytical chemistry at universities, research centers and in industry.

## About this journal

BrJAC publishes original, unpublished scientific articles and technical notes that are peer reviewed in the double-blind way. In addition, it publishes reviews, interviews, points of view, letters, sponsor reports, and features related to analytical chemistry.

BrJAC's review process begins with an initial screening of the manuscripts by the editor-in-chief, who evaluates the adequacy of the study to the journal scope. Manuscripts accepted in this screening are then forwarded to at least two referees indicated by the editors. As evaluation criteria, the referees will employ originality, scientific quality and contribution to knowledge in the field of Analytical Chemistry, the theoretical foundation and bibliography, the presentation of relevant and consistent results, compliance to the journal's guidelines, and the clarity of writing and presentation.

## Brief description of the BrJAC sections

- **Articles:** Full descriptions of an original research finding in Analytical Chemistry. Manuscripts submitted for publication as articles, either from universities, research centers, industry or any other public or private institution, cannot have been previously published or be currently submitted for publication in another journal. Articles undergo double-blind full peer review.
- **Reviews:** Articles on well-established subjects, including a critical analysis of the bibliographic references and conclusions. Manuscripts submitted for publication as reviews must be original and unpublished, and undergo double-blind full peer review.
- **Technical Notes:** Concise descriptions of a development in analytical method, new technique, procedure or equipment falling within the scope of BrJAC. Technical notes also undergo double-blind full peer review. The title of the manuscript submitted for technical note must be preceded by the words "Technical note".
- **Sponsor Reports:** Concise descriptions of technical studies not submitted for review by referees. Sponsor responsibility documents.
- **Letters:** Discussions, comments, suggestions on issues related to Analytical Chemistry, and consultations to authors. Letters are welcome and will be published at the discretion of the editor-in-chief.
- **Points of view:** The expression of a personal opinion on some relevant subject in Analytical Chemistry.
- **Interviews:** Renowned chemist researchers are invited to talk with BrJAC about their expertise and experience in Analytical Chemistry.
- **Releases:** Articles providing new and relevant information for the community involved in analytical chemistry, and companies' announcements on the launch of new products of interest in analytical chemistry.
- **Features:** A feature article gives to the reader a more in-depth view of a topic, an event, a person or opinion of acknowledged interest for Analytical Chemistry.

## Manuscript preparation (download a template on the BrJAC website)

The manuscript submitted to BrJAC must be written in English and should be as clear and succinct as possible. It must include a title, an abstract, a graphical abstract, keywords, and the following sections: Introduction, Methods, Results and Discussion, Conclusion, and References. Because the manuscripts are subjected to double-blind review, they must NOT contain the authors' names, affiliations, or acknowledgments. The manuscript must be typed in Arial font size 11 pt., and the lines numbered

consecutively and double-spaced throughout the text, except in the figure captions, titles of tables and references.

The manuscript title should be short, clear and succinct, and a subtitle may be used, if needed. The abstract should include the objective of the study, essential information about the methods, the main results and conclusions. Then, three to five keywords must be indicated. The section titles should be typed in bold and subsections in italics. Graphics and tables must be numbered according to their citation in the text, and should appear close to the discussion about them. For **figures** use **Arabic** numbers, and for **tables** use **Roman** numbers. The captions for the figures must appear below the graphic; for the tables, above. The same result should not be presented by more than one illustration. For figures, graphs, diagrams, tables, etc. identical to others previously published in the literature, the author must ask for permission for publication from the company or scientific society holding the copyrights, and send this permission to the BrJAC editor-in-chief with the final version of the manuscript.

The chemical nomenclature should conform to the rules of the International Union of Pure and Applied Chemistry (IUPAC) and Chemical Abstracts Service. It is recommended that, whenever possible, authors follow the International System of Units, the International Vocabulary of Metrology (VIM) and the NIST General Table of Units of Measurement. Abbreviations are not recommended except those recognized by the International Bureau of Weights and Measures or those recorded and established in scientific publications. If the abbreviations are numerous and relevant, place their definitions in a separate section (Glossary).

The manuscript must include only the consulted references, numbered according to their citation in the text, with numbers in square brackets. It is not recommended to mention several references with identical statements - select the author who demonstrated them. It is recommended that references older than 5 (five) years be avoided, except in relevant cases. Include references that are accessible to readers. References should be thoroughly checked for errors before submission.

Manuscripts must be submitted in conjunction with an analysis report of plagiarism obtained through anti-plagiarism software. BrJAC indicates CopySpider<sup>®</sup> 2013 freeware to support plagiarism checking analyzes. Download the CopySpider freeware: [www.copyspider.com.br](http://www.copyspider.com.br)

## Examples of reference formatting

### Journals

1. Arthur, K. L.; Turner, M. A.; Brailsford, A. D.; Kicman, A. T.; David A. Cowan, D. A.; Reynolds, J. C.; Creaser, C. S. *Anal. Chem.* **2017**, *89*, pp 7431–7437 (DOI: 10.1021/acs.analchem.7b000940).

Titles of journals must be abbreviated as defined by the Chemical Abstracts Service Source Index (<http://cassi.cas.org/search.jsp>). If a paper does not have a full reference, please provide its DOI, if available, or its Chemical Abstracts reference information.

### Electronic journals

2. Natarajan, S.; Kempegowda, B. K. *LCGC North America*, **2015**, *33* (9), pp 718-726. Available from: <http://www.chromatographyonline.com/analyzing-trace-levels-carbontetrachloride-drug-substanceheadspace-gc-flame-ionization-detection> [Accessed 10 November 2015].

### Books

3. Burgot, J.-L. *Ionic Equilibria in Analytical Chemistry*. Springer Science & Business Media, New York, **2012**, Chapter 11, p 181.
4. Griffiths, W. J.; Ogundare, M.; Meljon, A.; Wang, Y. Mass Spectrometry for Steroid Analysis. In: Mike, S.L. (Ed.). *Mass Spectrometry Handbook*, v. 7 of Wiley Series on Pharmaceutical Science and Biotechnology: Practices, Applications and Methods. John Wiley & Sons, Hoboken, N.J., **2012**, pp 297-338.

### Standard methods

5. International Organization for Standardization. ISO 26603. Plastics — *Aromatic isocyanates for use in the production of polyurethanes — Determination of total chlorine*. Geneva, CH: ISO, **2017**.

### Master's and doctoral theses or other academic literature

- Ek, P. *New methods for sensitive analysis with nanoelectrospray ionization mass spectrometry*. Doctoral thesis, **2010**, School of Chemical Science and Engineering, Royal Institute of Technology, Stockholm, Sweden.

### Patents

- Trygve, R.; Perelman, G. US 9053915 B2, June 9 **2015**, Agilent Technologies Inc., Santa Clara, CA, US.

### Web pages

- <http://www.chromedia.org/chromedia> [Accessed 21 June 2015].

### Unpublished source

- Mendes, B.; Silva, P.; Pereira, J.; Silva, L. C.; Câmara, J. S. Poster presented at: 36<sup>th</sup> International Symposium on Capillary Chromatography, **2012**, Riva del Garda, Trento, IT.
- Author, A. A. *J. Braz. Chem. Soc.*, in press.
- Author, B. B., **2015**, submitted for publication.
- Author, C. C., **2011**, unpublished manuscript.

**Note:** Unpublished results may be mentioned only with express authorization of the author(s). Personal communications can be accepted exceptionally.

### Manuscript submission

Three different PDF files, as described below, must be sent online through the website [www.brjac.com.br](http://www.brjac.com.br)

I. A **cover letter** addressed to the editor-in-chief with the full manuscript title, the full names of the authors and their affiliations, the complete contact information of the corresponding author, including the ORCID iD, and the manuscript abstract. This letter must present why the manuscript is appropriate for publication in BrJAC, and contain a statement that the article has not been previously published and is not under consideration for publication elsewhere. The corresponding author must declare on behalf of all the authors of the manuscript any financial conflicts of interest or lack thereof. This statement should include all potential sources of bias such as affiliations, funding sources and financial or management relationships which may constitute a conflict of interest. When the manuscript belongs to more than one author, the corresponding author must also declare that all authors agree with publication in BrJAC.

II. The **manuscript** file that must **NOT** mention the names of the authors or the place where the work was performed, but must include the title, abstract, keywords, and all sections of the work, including tables and figures, but **excluding acknowledgments** that will be included in the final paper upon completion of the review process.

III. An **analysis report of plagiarism** on the manuscript.

A **Sponsor Report** should be sent as a Word file attached to a message to the email [brjac@brjac.com.br](mailto:brjac@brjac.com.br)

### Revised manuscript submission

Based on the comments and suggestions of the reviewers and editors a revision of the manuscript may be requested to the authors. The revised manuscript submitted by the authors must contain the changes made in the manuscript clearly highlighted. A letter without any author's information must also be sent with each reviewer's comment items and a response to each item.

### Copyright

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### Final Considerations

Whatever the nature of the submitted manuscript, it must be original in terms of methodology, information, interpretation or criticism. As to the contents of published articles, the sole responsibility belongs to the authors, and *Br. J. Anal. Chem.* and its editors, editorial board, employees and collaborators are fully exempt from any responsibility for the data, opinions or unfounded statements.

BrJAC reserves the right to make, whenever necessary, small alterations to the manuscripts in order to adapt them to the journal rules or make them clearer in style, while respecting the original contents. The article will be sent to the authors for approval prior to publication.