

BrJAC Author's Guidelines

Scope

The *Brazilian Journal of Analytical Chemistry* (BrJAC) is dedicated to the diffusion of significant and original knowledge in all branches of Analytical Chemistry. BrJAC is addressed to professionals involved in science, technology and innovation projects in Analytical Chemistry, at universities, research centers and in industry.

Professional Ethics

Manuscripts submitted for publication in BrJAC cannot have been previously published or be currently submitted for publication in another journal. BrJAC publishes original, unpublished scientific articles and technical notes that are peer reviewed in the double-blind way.

Review process

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 reviewers who are experts in the related field. As evaluation criteria, the reviewers employ originality, scientific quality, contribution to knowledge in the field of Analytical Chemistry, the theoretical foundation and bibliography, the presentation of relevant and consistent results, compliance to the BrJAC's guidelines, and the clarity of writing and presentation.

BrJAC is a quarterly journal that, in addition to scientific articles and technical notes, also publishes reviews, interviews, points of view, letters, sponsor reports, and features related to analytical chemistry.

Brief description of the documents that can be submitted by the authors

- **Articles:** Full descriptions of an original research finding in Analytical Chemistry. 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 Manuscripts submitted for publication as reviews must be original and unpublished. Reviews 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".
- **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 BrJAC editor-in-chief.
- **Points of view:** The expression of a personal opinion on some relevant subject in Analytical Chemistry. Points of View are welcome and will be published at the discretion of the BrJAC editor-in-chief.
- **Releases:** Articles providing new and relevant information for the community involved in Analytical Chemistry.

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Manuscript (MS) preparation

- **Language: English** is the language adopted by BrJAC.
- **Required items:** the MS must include a title, a graphical abstract, an abstract, keywords, and the following sections: Introduction, Materials and Methods, Results and Discussion, Conclusion, and References.
- **Identification of authors:** the MS must **NOT** contain the authors' names nor affiliations. This information must be in the cover letter to the editor-in-chief. This rule is necessary because the MS is subjected to double-blind review.
- **Layout:** the lines in the MS must be numbered consecutively and double-spaced throughout the text.
- **Graphics and Tables:** must appear close to the discussion about them in the text. For **figures** use **Arabic** numbers, and for **tables** use **Roman** numbers.

- **Permission to use content already published:** for figures, graphs, diagrams, tables, etc. identical to others previously published in the literature, the author must ask for publication permission 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.
- **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.
- **References:** must be cited by **numbers in square brackets**. 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 by the authors before submission.** See how to format the references in the following item.

Examples of reference formatting

Journals

1. Orlando, R. M.; Nascentes, C. C.; Botelho, B. G.; Moreira, J. S.; Costa, K. A.; Boratto, V. H. M. *Anal. Chem.* **2019**, *91* (10), pp 6471-6478 (<https://doi.org/10.1021/acs.analchem.8b04943>).
 - Publications with more than 10 authors, list the first 10 authors followed by a semicolon and et al.
 - Titles of journals must be abbreviated as defined by the Chemical Abstracts Service Source Index (<http://cassi.cas.org/search.jsp>).

Electronic journals

2. Sapozhnikova, Y.; Hoh, E. *LCGC North Am.* **2019**, *37* (1), pp 52-65. Available from: <http://www.chromatographyonline.com/suspect-screening-chemicals-food-packaging-plastic-film-comprehensive-two-dimensional-gas-chromatogr> [Accessed 20 January 2019].

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

6. Dantas, W. F. C. *Application of multivariate curve resolution methods and optical spectroscopy in forensic and photochemical analysis*. Doctoral thesis, **2019**, Institute of Chemistry, University of Campinas, Campinas, SP, Brazil.

Patents

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

Web pages

8. <http://www.chromedia.org/chromedia> [Accessed 10 January 2019].

Unpublished source

9. Viner, R.; Horn, D. M.; Damoc, E.; Konijnenberg, A. *Integrative Structural Proteomics Analysis of the 20S Proteasome Complex (WP-25)*. Poster presented at the XXII International Mass Spectrometry Conference (IMSC 2018) / August 26-31, **2018**, Florence, IT.
10. Author, A. A. *J. Braz. Chem. Soc.*, in press.
11. Author, B. B., **2017**, submitted for publication.
12. Author, C. C., **2018**, unpublished manuscript.

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

Manuscript submission

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Three different files, as described below, must be sent online through the website www.brjac.com.br

1. A **Cover Letter** (PDF file): addressed to the editor-in-chief, with the manuscript **title**, the **full names** of the authors and their affiliations, and the complete contact information of the corresponding author, including the ORCID iD. This letter should also inform to which section of the BrJAC the manuscript is being submitted (e.g. Article, Review, Technical Note, Point of View or Letter). The cover letter should also contain a statement that the article has not been previously published and is not under consideration for publication elsewhere.
2. The **manuscript PDF file** that must **NOT** mention the names of the authors nor their affiliations.
3. A **similarities analysis report** on the manuscript obtained through an anti-plagiarism software. (BrJAC indicates CopySpider[®] freeware to support similarities checking analyzes. Download the CopySpider freeware at: www.copyspider.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. A revised manuscript should be submitted by the authors, containing the changes made in the manuscript clearly highlighted. Letters to the reviewers, one to each reviewer, must also be submitted answering in detail to the questions made by them, and describing the changes made in the manuscript.

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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.