

2018

# Author Guidelines



Orbital: The electronic journal of chemistry

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## Author Guidelines

### INSTRUCTIONS TO AUTHORS

**Orbital: The Electronic Journal of Chemistry** publishes original contributions (From 2016 on, the journal Orbital will accept only articles written in ENGLISH) which focus on all areas of Chemistry (including Chemistry Education and History) and their interfaces with Pharmacy, Biology, and Physics. Manuscripts should fall under one of the following categories:

- 1. Full papers.** Full papers report the results of original investigations and should be structured in the usual order of presentation, comprising Introduction, Results and Discussion, Experimental section (which may either precede or follow Results and Discussion), Conclusions, Acknowledgments, and References, according to the specificities of each manuscript.
- 2. Reviews.** This category encompasses reflective articles and analyses of the literature output, outlining the progress and state-of-the-art in particular areas of Chemistry, from the specialist's perspective.
- 3. Papers on Education.** The focus of papers on Education is the teaching of Chemistry with dissemination of innovative experiences at all levels of schooling, from elementary to higher education (undergraduate and graduate programs).
- 4. Short communications.** Shorter texts (of up to four pages) on scientific investigations under way, reporting preliminary results achieved to date. Their purpose is to speed up communication regarding ongoing lines of investigation that have led to recent breakthroughs in particular areas of Chemistry.
- 5. Technical notes.** Technical notes are reports on methods, techniques, equipment, or accessories developed at the authors' laboratory.
- 6. Letters to the Editor.** These should encourage constructive discussion between readers and authors and may concern any scientific topic relevant to the purposes of the journal, including critical discussion of recently published papers; in this case, Letters submitted by reader will be forwarded to the authors in question inviting responses to the readers' appraisal or critique. Letters to the Editor will be published at the sole discretion of the Editorial Team and only after a response from the authors has been obtained.
- 7. History of Chemistry.** This section is destined to publishing articles about History of Chemistry.

The journal is a quarterly scientific journal published by the Institute of Chemistry of the Federal University of Mato Grosso do Sul, Campo Grande, Brazil. And also publishes a number of **special issues** (dedicated to symposia, congresses etc. in Chemistry) in addition to the regular ones.

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### TERMS OF SUBMISSION

Manuscripts must be submitted by one of the authors of the manuscript, and should not be submitted by anyone on their behalf. The principal/corresponding author will be required to submit a Covering Letter along with the manuscript, on behalf of all the co-authors (if any). The author(s) will confirm that the manuscript (or any part of it) has not been published previously (except in the form of an abstract or as part of a published lecture, review, or thesis) or is not under consideration for publication elsewhere. The submitting author is responsible for ensuring that the article's publication has been approved by all the other coauthors. Furthermore, any illustration, structure or table that has been published elsewhere must be reported, and copyright permission for reproduction must be obtained. The lead author is responsible for the content of the work as a whole, and ensuring that reasonable care and effort has been taken to determine that all the data are complete, accurate, and reasonably interpreted.

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*Papers must be clearly written in English. If English is not your first language, then it may be of benefit to seek help from a native English speaker to review your manuscript before submitting, or to have your manuscript professionally edited before submissions.*

Below, some freelancers who provide copy-editing in English are listed:

- **Brazilian Text Experts (BTExperts).** Contact: Evandro Lisboa Freire. E-mail: [evandro.btex@gmail.com](mailto:evandro.btex@gmail.com)
- **Estrutura & Texto: Tradutores, Revisores, Intérpretes.** Contact: Gerson Ferracini. E-mail: [contato@estruturadetexto.com](mailto:contato@estruturadetexto.com), [gferrax@gmail.com](mailto:gferrax@gmail.com)

The standard style of Orbital should be followed. Prospective authors should consult any current issue of Orbital for examples of this style. The manuscript shall be prepared in accordance with the template available at:

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### OBSERVATIONS:

**References** in the text should be numbered, ordered sequentially as they appear in the text and placed between [square brackets]. The list of references, also numbered between [square brackets], must be included at the end of the manuscript.

Do not use linked fields (produced by EndNote and similar programs). Please use the one-click button provided by EndNote to remove EndNote codes before saving your file.

Manuscripts dealing with the evaluation for biological properties of **crude plant extracts** which have **not been chemically characterized** (major constituents or classes of secondary metabolites detected by, e.g., GC/MS, LC/MS, or NMR) **will not be considered for publication**.

## References

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### Journals:

Journal names are to be abbreviated according to the [Chemical Abstracts Service Source Index \(http://cassi.cas.org/search.jsp\)](http://cassi.cas.org/search.jsp). If an official abbreviation cannot be found, the journal's name should be written in full. Only the initial page of the paper need be stated.

- [1] Constantino, M. G.; Oliveira, K. T.; Beatriz, A.; da Silva, G. V. J. *Tetrahedron Lett.* **2003**, *44*, 2641. [CrossRef] [http://dx.doi.org/10.1016/S0040-4039\(03\)00377-0](http://dx.doi.org/10.1016/S0040-4039(03)00377-0)
- [2] Maia, G.; Torresi, R. M.; Ticianelli, E. A.; Nart, F. C. *J. Phys. Chem.* **1996**, *100*, 15910. [CrossRef] <http://dx.doi.org/10.1021/jp9607780>

#### Patents:

- [3] Hashiba, I.; Ando, Y.; Kawakami, I.; Sakota, R.; Nagano, K.; Mori, T.; Jpn. Kokai Tokkyo Koho 79 73,771 1979. (CA 91:P193174v).
- [4] Kadin, S. B.; US pat. 4,730,004 1988. (CA 110:P23729y).

#### Books:

- [5] Iwasita, T.; Câmara, G. A. In: In-situ spectroscopic studies of adsorption at the electrode and electrocatalysis. Sun S-G.; Christensen, P. A.; Wieckowski, A., eds. Amsterdam: Elsevier, 2007, chapter 2.
- [6] Cotton, F. A.; Wilkinson, G.; Advanced inorganic chemistry, 5th ed. New York: Wiley, 1988.

#### Conference material:

- [7] Ito, F. M.; Beatriz, A.; Lima, D. P.; Mariano, V. G.; Petroni, J. M.; Marques, M. R.; Pessoa, C.; Moraes, M. O.; Lotufo, L. V. C.; Magalhães, H. I. Abstract of the 3rd Brazilian Symposium on Medicinal Chemistry - Recent Advances in Drug Discovery and Development, São Pedro, Brazil, 2006.

#### Electronic material:

- [8] Available from: <http://www.orbital.ufms.br/>. Access October, 2007.

#### Theses and dissertations:

- [9] Beatriz, A. Estudos da síntese de heliangolidos pela reação de Diels-Alder. [Doctoral dissertation.] Ribeirão Preto, Brazil: Faculdade de Filosofia, Ciências e Letras de Ribeirão Preto, Universidade de São Paulo, 2001. [Link] <http://www.orbital.ufms.br/index.php/Chemistry/thesis/view/2>
- [10] Ito, F. M. I. Síntese, biotransformação e avaliação biológica de substâncias policíclicas cage-like derivadas do aduto de Diels-Alder triciclo [6.2.1.02,7]undeca-4,9-dien-3,6-diona. [Master's thesis.] Campo Grande, Brazil: Centro de Ciências Exatas e Tecnologia, Departamento de Química da Universidade Federal de Mato Grosso do Sul, 2007. [Link] <http://www.orbital.ufms.br/index.php/Chemistry/thesis/view/1>

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4. When available, the URLs to access references online are provided, including those for open access versions of the reference. The URLs are ready to click (e.g., <http://pkp.sfu.ca/>).
5. The text adheres to the stylistic and bibliographic requirements outlined in the **Author Guidelines**, which is found in About the Journal.

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