**Notice to the author:**

* The manuscript file must NOT contain the authors’ names, affiliations nor acknowledgments. Full details of the authors and their acknowledgements should be on the Title Page file and in the manuscript manager system.
* Please keep the formatting of this manuscript template, as the numbering and spacing of the lines.
* The Sections of the manuscript are NOT numbered. Keep the formatting of the main sections and subsections titles adopted in this template.
* Pay special attention to the REFERENCES item.
* Avoid using advanced features of your word processor. **However, do use bold face, italics, subscripts, superscripts, etc.**

Please delete the above Notice, including this line, before submitting the manuscript.

**The Title should be Short, Clear and Succinct (avoid abbreviations and formulae whenever possible)**

***A Subtitle may be Used if Necessary***

**ABSTRACT**

The abstract should state the objective of the study, essential information about the methods, the main results and conclusions.

**Keywords:** 5 keywords, in lower case letters, and separated by commas

**INTRODUCTION**

The Introduction should establish the general context and the background of the field the paper is about.

Should make clear what is the specific problem considered in the work and the general approach taken.

Should clearly highlight what is the novel aspects of the work compared to others in the area, and the main contributions of the study.

The Introduction must include only the consulted references, numbered according to their citation in the text, in increasing order, with superscript numbers placed after the period at the end of the sentences.

***It is recommended that references older than five years be avoided, except in relevant cases. Include references that are accessible to readers.***

All nomenclature, abbreviation, and units should conform as closely as possible to the rules established

by IUPAC (available online at http://www.iupac.org/ and http://publications.iupac.org/ci/2011/3304/July11\_green-sup-4p.pdf).

**MATERIALS AND METHODS**

***Heading 1***

*Heading 2*

**RESULTS AND DISCUSSION**

***Heading 1***

*Heading 2*

**Please use L for liters. Always use superscripts rather than /. For instance: use mg mL-1 and NOT mg/mL. Leave a space between the numeric values and their units.**

**Table I.** Xxxx xxx xxxx

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |
| --- |
|  |

**Figure 1.** Xxxxxxxx.

**CONCLUSIONS**

**~~Acknowledgments~~** – Do Not include acknowledgments in the manuscript. Acknowledgments must be included in the Title Page. The submission of manuscripts with acknowledgments will be suspended.

**Conflicts of interest**

Please declare 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.

**REFERENCES**

***References should be thoroughly checked by the authors for errors before submission.***

***It is recommended that references older than 5 (five) years be avoided, except in relevant cases.***

**Reference item formatting:** From 2022, BrJAC is adopting a formatting style for references very close to the American Chemical Society’s Style. See the ACS Reference Style Quick Guide at: <https://doi.org/10.1021/acsguide.40303>

**Some examples of BrJAC reference formatting:**

**Initial remarks:**

**It is highly recommended that authors download some forthcoming paper from the BrJAC website to see what the References item should look like.**

**Include references that are accessible to readers**.

**Provide authors' names, article title, name of the publication source (italic), year of publication (bold), volume (italic), issue (in parentheses), and initial and final page numbers. Include the DOIs for each reference, when available.**

**Use Chemical Abstracts Service Source Index abbreviations for journal names (http://cassi.cas.org/search.jsp).**

**Journal article**

Castro, A. S.; de Menezes, M. M. T.; Alves, G. M.; de Oliveira, M. F. Voltammetric analysis of cocaine hydrochloride at carbon paste electrode chemically modified with N,N’-ethylene-bis-(salicylideneiminato) manganese(II) Schiff base complex. *Microchem. J.* **2020**, *153*, 104399. <https://doi.org/10.1016/j.microc.2019.104399>

Rocha, W. W. F.; Leite, J. A.; Correia, R. M.; Tosato, F.; Madeira, N. C. L.; Filgueiras, P. R.; Lacerda Jr, V.; Freitas, J. C. C.; Romão, W.; Neto, A. C. Quantification of cocaine and its adulterants by nuclear magnetic resonance spectroscopy without deuterated solvents (No-D qNMR). *Anal. Methods* **2018**, *10* (15), 1685-1694. <https://doi.org/10.1039/C7AY03000B>

Shang, M.; Ren, M.; Zhou, C. Nitrogen Mustard Induces Formation of DNA–Histone Cross-Links in Nucleosome Core Particles. *Chem. Res. Toxicol*. **2019**, Article ASAP. <https://doi.org/10.1021/acs.chemrestox.9b00354>

**Book**

Stone, J. Sample preparation techniques for mass spectrometry in the clinical laboratory. In: Nair, H.; Clarke, W. (Eds). *Mass Spectrometry for the Clinical Laboratory*. Academic Press, Elsevier, 2017. Chapter 3, pp 37–62. <https://doi.org/10.1016/B978-0-12-800871-3.00003-1>

Lee, Y-J. (Ed). *Mass Spectrometry Imaging of Small Molecules – Methods and Protocols*. Humana Press New York, NY, 2021. https://doi.org/10.1007/978-1-0716-2030-4

**Thesis or Dissertation**

Lee, K. S. *2-D Material Sensors on the Electronic Nose for the Sensitive Detection of VOCs*. Ph.D. Dissertation, California Institute of Technology, Pasadena, CA, 2021. <https://doi.org/10.7907/j5e1-k535>

**Federal Governmental Agency Publication**

Agência Nacional de Vigilância Sanitária (ANVISA). Relatório - Gerência Geral de Toxicologia - *Principais ações, resultados e perspectivas, 2017*. Updated in 2022/10/27. <https://www.gov.br/anvisa/pt-br/centraisdeconteudo/publicacoes/agrotoxicos/publicacoes/relatorio-de-atividades-ggtox-2016.pdf/view> (accessed 2022-11-15).

**Standard**

ASTM International. *Standard Terminology Relating to Analytical Chemistry for Metals, Ores, and Related Materials*. ASTM E135-22b. West Conshohocken, PA, 2022. <https://doi.org/10.1520/E0135-22B>

***Please save the manuscript file in the native format of
the word processing program in use.***