

# **AUTHOR ACTIVITIES GUIDE**

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Journal of Agriculture and Applied Biotechnology (JAAB) publishes original research articles, critical reviews, case studies, surveys, opinions, commentaries and essays in the fields of Agriculture, plant science and microbiology and other related disciplines provided the methodology and reporting meet current standards of adequacy. The journal covers all aspects of Agricultural Sciences including: Agronomy; Soil Science and Agricultural Chemistry; Horticulture; Plant Breeding and Genetics; Plant Pathology; Entomology; Agricultural Economics; Extension Education; Agriculture Statistics; Seed Technology; Nematology; Plant Physiology; and Forestry. Also, articles are welcome from Animal Behaviour, Biochemistry, Genetics, Nutrition, or Physiology with interest in Aquatic Animals, Avian Sciences, Companion and Captive Animals, Equine Science, Laboratory Animals, Livestock and Dairy and Poultry.

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Article Structure and Presentation
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Abstract: A concise and factual abstract not exceeding 200 words that briefly states the objectives of the research, the methods used, the main results and the main conclusions are required. An abstract is a separate section that can stand alone and represent the article in a single paragraph. Hence, do not use references, but, if essential, only cite the author(s) and year. Also, avoid non-standard or uncommon abbreviations, but if necessary, define them at their first mention in the abstract.

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Divide your work into sections and subsections and number them coherently, 1.0, 2.0 and so on, excluding the abstract. Subsections should be numbered 1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. Each section and subsection must be given a brief heading and should appear on a separate line.

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The introduction should provide the necessary background information. Two or three paragraphs that concentrate on the relevance of the study should be emphasized. Provide a clear, concise and achievable objective in this section. The content of the paper should be technically and scientifically accurate and sound. There should be no subsection.

#### 2.0 Material and Methods

The research methodology for the study should be appropriate and applied properly. Procedures used should be clearly described with strong and reliable evidence (references) to support and validate the information in the paper. Number subheadings properly as described under 'Section and Outlining'.

#### 3.0 Results and Discussion

The results of the analysis should be correctly interpreted. Do not present the same result as Table and Graph at the same time. Provide a clear description of all results presented. All tables and figures should appear in the places they are first cited. Number subheadings properly as described under 'Section and Outlining'.

# Data Management

Experimental data should be managed in such a manner that only relevant data should be provided. There should be no appendix. Results in Tables should be presented as mean and standard deviation or standard error. Tables should not be too long or wide to be more than one-page portrait orientation.

#### **Figures**

To ensure uniqueness of figures, use a uniform font (any of Arial, Courier, Tahoma and Times New Roman) and font size in your artwork. Produce images of large-size, and convert it to, or save as, JPEG, TIFF or EPS formats, with a minimum resolution of 300 dpi. Submit figures Microsoft Office files (Word, PowerPoint, Excel) without conversion. Insert your images and number their captions sequentially immediately after the paragraph of its first mention in the text. Submit original size of all figures in a separate file. Caption all figures consecutively. Besides, do separate captions from the images. A caption should be a brief title and a description of the picture. Keep the illustrations concise but should explain all symbols and abbreviations used.

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Use appropriate *equation editor* to write all mathematical equations. A mathematical formula should not be placed in a Table.

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### Acknowledgements

Authors may briefly acknowledge people or organizations who assisted in the manuscript preparation, funding for research, among others. Acknowledgements should be limited to three lines.

# **Funding**

Briefly describe and acknowledge all financial supports for conducting the research and/or preparation of the manuscripts. In the declaration, state the funding identification details such as the name of granting agent and grant number.

## References

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### Published articles

Ma, Y., Liu, H., Jiang, B., Meng, L., Guan, H., Xu, M., Cui, Y., Kong, F., Yin, Y., & Wang, M. (2020). An Innovative Approach for Improving the Accuracy of Digital Elevation Models for Cultivated Land. *Remote Sensing*, *12*(20), 3401. https://doi.org/10.3390/rs12203401

Horsfall, M. J., Arbia, A., & Spiff, A. (2003). Removal of Cu (II) and Zn (II) ions from wastewater by cassava (Manihot esculenta Cranz) waste biomass. *African Journal of Biotechnology*, 2(10), 360-364. <a href="https://doi.org/10.5897/AJB2003.000-1074">https://doi.org/10.5897/AJB2003.000-1074</a>

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### Published books

Meltzer, Y. L (1971). Hormonal and Attractant Pesticide Technology. Noyes Data. DOI (if available)

#### Work in an edited collection

Ekpete, O. A. (2013). Kinetic Methods of Analysis. In: Horsfall, M (Ed), *Fundamental Principles* of Analytical Chemistry (p. 117). Soteria Publishing.

# Supporting materials

Separately number supplementary materials, like formulae, equations, tables and figures, in appendices following the format: Eq. (s1), Eq. (S2), Table S1; Figure S1.

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