



The Bioscientist Journal



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INSTRUCTIONS TO AUTHORS

Manuscript Submission

Manuscripts should be submitted as e-mail attachment to the Editor at: **editor.bioscientist@unizik.edu.ng** following, which a manuscript number will be mailed to the corresponding author. All manuscripts will be peer reviewed and Reviewers' comments and Editor's decisions made known to the author(s). It is the goal of **The Bioscientist Journal** to publish accepted manuscripts within 8 weeks of paper submission.

Manuscript Preparation

Manuscripts should be typed double-spaced, preferably on 12 point font size, Times New Roman in MS Word format. All pages of manuscript should be numbered starting from the title page. Full length papers should not exceed 20 typed pages on A4 paper with 1 inch margins. The paper should be laid out using the following format;

- **Title Page** should include: The name(s) of the author(s), a concise and informative title, the affiliation(s) and address (es) of the author(s) and the e-mail address, telephone and fax numbers of the corresponding author.
- The **Abstract** should be informative and completely self-explanatory. It should briefly present the topic, state the scope of the experiments, indicate significant data, and point out major findings and conclusions. The Abstract should not be more than 200 words in length. Following the abstract, about 4 to 6 **key words** that will provide indexing references to should be listed.
- The **Introduction** should provide a clear statement of the problem, the relevant literature on the subject, and the proposed approach or solution.
- **Materials and methods** should be complete enough to allow experiments to be reproduced. However, only truly new procedures should be described in detail; previously published procedures should be cited, and important modifications of published procedures should be mentioned briefly. Capitalize trade names and include the manufacturer's name and address. Subheadings should be used. Methods in general use need not be described in detail.
- **Results** should be presented with clarity and precision using text in the past perfect tense and or appropriate Tables and Figures. Appropriate subheadings, preferably following the same sequence as the materials and methods should be used.

The Discussion should interpret the results obtained in present and in previous studies on the topic citing relevant literature. The Results and Discussion sections may be combined if convenient to the author.

Conclusions should be stated in a few sentences at the end of the paper.

Acknowledgments of people, grants, funds, etc should be brief.

Abbreviations: Only recommended SI units and approved scientific abbreviations and symbols should be used. Authors may refer to the article "[2-29 SCIENTIFIC ABBREVIATIONS AND SYMBOLS](#)" on Google. Non-standard abbreviations should be used only when the full term is very long and used often. Each abbreviation should be spelled out and introduced in parentheses the first time it is used in the text.

- **Tables** should be prepared using the Microsoft Word “Table” function and the “Table Simple” format. Tables should be kept to a minimum and also typed double-spaced as the manuscript. A concise heading should be provided on the top of each Table and footnotes at the bottom. Each table should be on a separate page and numbered consecutively in Arabic numerals. For example, Table 1: Morphological characteristics of otoliths for selected fresh water fishes. Tables should always be cited in text in consecutive numerical order. Tables should be self-explanatory without reference to the text. The same data should not be presented in both table and graph form or repeated in the text. Previously published material should be identified by giving the original source in the form of a reference at the bottom of the table.

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- **References:** In the text, identify References by means of an author’s name, followed by the date of the reference in parentheses. When there are more than two authors, only the first author’s name should be mentioned, followed by ‘*et al.*’. In the event that an author cited has had two or more works published during the same year, the references, both in the text and in the reference list, should be identified by a lower case letter like ‘a’ and ‘b’ after the date to distinguish the works. References should be listed at the end of the paper in alphabetical order. Articles in preparation or articles submitted for publication, unpublished observations, personal communications, etc. should not be included in the reference list but should only be mentioned in the article text (e.g., E.N. Maduagwu, University of Ibadan, Nigeria, personal communication). Journal names should appear in full and not abbreviated. Authors are fully responsible for the accuracy of the references. Examples:

In the text

Eneanya (2000), Odibo *et al.* (2003), (Okigbo, 1983), (Ezeonu and Udedi, 1992), (Ogbo, 1998; Egboka, 1987a,b; Oli, 1993, 1995).

Reference list: Journal article

Okafor, N., B. Ijioma, and C. Oyolu. (1984). Studies on the microbiology of cassava retting for foo-foo production. *Journal of Applied Bacteriology*, 56:1–13.

Goodluck, J., Robinson, M. and Thoma, J. A. (2012). The active site of porcine pancreatic -amylase: Factors contributing to catalysis. *Carbohydrate Research*, 10 (4): 487-503.

Reference list: Book

Oyewole, J. and Blass, B. (2001). *The future of modern genomics*. Blackwell, London.

Reference list: Book chapter

Basino, B. and Malikwu, M. (2011). Emerging disease of catfish. In: Smith J. (ed.) *Modern fish farming*, 3rd edn. Wiley, New York, pp 230-257.

Reference list: Online document

Muktar, J. (2007). Medicinal plants of the savannah region of Nigeria. IOP Publishing Botany Web. <http://botanyweb.org/articles/news/11/6/16/1>. Accessed 26 June 2007.

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