Scientific Journal for Damietta Faculty of Science

Editor-In-Chief:
Prof. Dr. Ahmed E. Al-Ghobashy, Dean of the Faculty of Science, Damietta University

Deputy Editor-In-Chief:
Prof. Dr. Mamdouh M. Nemat Alla, Vice Dean for research and postgraduate studies, Faculty of Science, Damietta University

Editorial Board:

Prof. Dr. Salah K. El-Labany
Physics Department, Faculty of Science, Damietta University

Prof. Dr. Adel Z. El-Sonbati
Chemistry Department, Faculty of Science, Damietta University

Prof. Dr. Zakaria A. Baka
Botany Department, Faculty of Science, Damietta University

Prof. Dr. Ahmed M. Basal
Geology Department, Faculty of Science, Damietta University

Prof. Dr. Abdel-Gawad M. Radi
Chemistry Department, Faculty of Science, Damietta University

Prof. Dr. Abdel-Aziz A. Khidr
Zoology Department, Faculty of Science, Damietta University

Prof. Dr. Samy H. Aly
Physics Department, Faculty of Science, Damietta University

Prof. Dr. Mahmoud S. Ibrahim
Environmental Sciences Department, Faculty of Science, Damietta University

Prof. Dr. Abdeld Gawad M. Radi
Chemistry Department, Faculty of Science, Damietta University

Prof. Dr. Ahmed M. Tarabia
Mathematics Department, Faculty of Science, Damietta University

Prof. Dr. Nemat M. Hassan
Botany Department, Faculty of Science, Damietta University

Aims and Scope:
Scientific Journal for Damietta Faculty of Science (SJDFS) is an English language peer-reviewed scholarly publication in all areas of science. It is a quarterly Journal of interdisciplinary scientific research, theories and observations. It aims at serving scientists through prompt publication of significant advances in all branches of science, and to provide a forum for the reporting and discussion of news and issues concerning science. SJDFS publishes original articles, short communications, reviews and case reports. SJDFS is published by Faculty of Science, Damietta University and is edited by a group of eminent researchers. Every paper is reviewed by at least two appropriate referees selected by the Editorial Office. Based on the referees' reports, the decision concerning publication, amendment or rejection is taken. The editorial objective of the journal is facilitation of knowledge enhancement related to studies in the following fields: Chemistry, Biochemistry, Physics, Mathematics, Computer Sciences, Geology, Botany, Microbiology, Zoology, Oceanography and Environmental Sciences

Instruction for authors:

Submission: Manuscripts are submitted in English with an Arabic summary. Manuscripts should be sent by e-mail to mamnematalla@du.edu.eg or mamnematalla@gmail.com. Font type and size: Times New Roman 12. Illustrations should be submitted as separate files. Submission of a manuscript implies that the work described has not been published before; that it is not under consideration for publication anywhere else; that its publication has been approved by all co-authors, if any, as well as by the responsible authorities at the institute where the work has been carried out. The publisher will not be held legally responsible should there be any claims for compensation. The SJDFS reserves the right to publish material, which has already been published (either in electronic or other media). If
previously published tables, illustrations or more than 200 words of text are to be included, then the copyright holder's written permission must be obtained. Copies of any such permission letters should be enclosed with the paper.

Permissions: Authors wishing to include figures, tables, or text passages that have already been published elsewhere are required to obtain permission from the copyright owner(s) for both the print and online format and to include evidence that such permission has been granted when submitting their papers. Any material received without such evidence will be assumed to originate from the authors.

Preparation of Manuscript: Articles should be divided into the following sections: Title page, Abstract, Key words, Introduction, Results, Discussion, Materials and methods, Acknowledgements, References, Tables, Figure legends, Figures, Maps and Supplementary information.

Title page: The 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

Abstract: Abstract of about 400 words must be provided without any undefined abbreviations or references. An Arabic summary must be provided.

Keywords: Please provide 4 to 7 keywords which can be used for indexing purposes.

Text: Manuscripts should be submitted in Word. A normal, plain font is used for text. Italics are used for emphasis. The automatic page numbering function is used to number the pages. Margins of 2.5 cm must be left. Tab stops or other commands are used for indents, not the space bar. The table function, not spreadsheets, is used to make tables. The equation editor or Math Type is used for equations. The file must be saved in doc or docx formats.

Abbreviations: Abbreviations should be defined at first mention and used consistently thereafter.

Footnotes: Footnotes can be used to give additional information.

Acknowledgments: Acknowledgments of people, grants, funds, etc. should be placed in a separate section before the reference list.

Scientific style: Please always use internationally accepted signs and symbols for units (SI units). Genus and species names should be in italics.

References

Citation: References are cited in the text chronically in brackets, for instance
Kuzniak (2002) found …
Misra et al. (2006) found …
…… (Kuzniak, 2002; Misra et al., 2006; Anderson and Davis, 2004; Nemat Alla and Hassan, 2006). Reference list must only include works that are cited in the text and that have been published or accepted for publication. References are numbered in the list in the order in which they appear in the text s follows:

Journal article:


**Tables:** All tables are to be numbered using Arabic numerals. Tables should always be cited in text in consecutive numerical order. For each table, please supply a table caption (title) explaining the components of the table. Any previously published material must be identified by giving the original source in the form of a reference at the end of the table caption. Footnotes to tables should be indicated by superscript lower-case letters (or asterisks for significance values and other statistical data) and included beneath the table body.

**Artwork and Illustrations Guidelines:** For the best quality final product, artwork, photographs, line drawings, etc., should be submitted in an electronic format. Black and white graphic should be submitted with no shading. Lines and/or lettering must not be faint. Lettering within the figures should be legible at final size. They should be consistently sized throughout the final-sized artwork, usually about 2–3 mm (8–12 pt). All lines should be at least 0.1 mm (0.3 pt) wide. Scanned line drawings and line drawings in bitmap format should have a minimum resolution of 1200 dpi. Fees are requested for color artwork.

**Figure Numbering:** All figures are to be numbered using Arabic numerals. Figures should always be cited in text in consecutive numerical order. Figure parts should be denoted by lowercase letters (a, b, c, etc.).

**Figure Captions:** Each figure should have a concise caption describing accurately what the figure depicts. Include the captions in the text file of the manuscript, not in the figure file. Figure captions begin with the term Fig. in bold type, followed by the figure number, also in bold type. No punctuation is to be included after the number, nor is any punctuation to be placed at the end of the caption. All elements found in the figure should be identified in the figure caption; and boxes, circles, etc., are used as coordinate points in graphs. Previously published material should be identified by giving the original source in the form of a reference citation at the end of the figure caption.

**Proof reading:** The purpose of the proof is to check for typesetting or conversion errors, completeness and accuracy of the text, tables and figures. Substantial changes in content, e.g., new results, corrected values, title and authorship, are not allowed without the approval of the Editor.

**Publication charges:** The *SJDFS* charges 200 Pounds for the reviewing process and a publication fee of 500 Egyptian Pounds for maximum 10 black and white printed pages with the journal format. Extra pages will be charged for 50 Egyptian Pounds per page. Ordering reprints with coloured plates costs 100 Egyptian Pounds per the coloured page. Corresponding authors will receive 5 free copies of the article. Pricing of covered reprint copies -in Egyptian Pounds- is based upon the quantity ordered as in the following table:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>1-2</th>
<th>3-4</th>
<th>5-8</th>
<th>9-12</th>
<th>13-16</th>
<th>17-20</th>
<th>21-24</th>
<th>25-28</th>
<th>29-32</th>
<th>33-36</th>
<th>37-40</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>30</td>
<td>35</td>
<td>55</td>
<td>70</td>
<td>80</td>
<td>95</td>
<td>110</td>
<td>130</td>
<td>165</td>
<td>190</td>
<td>200</td>
</tr>
<tr>
<td>15</td>
<td>32</td>
<td>40</td>
<td>60</td>
<td>85</td>
<td>90</td>
<td>115</td>
<td>125</td>
<td>155</td>
<td>180</td>
<td>200</td>
<td>215</td>
</tr>
<tr>
<td>25</td>
<td>36</td>
<td>43</td>
<td>75</td>
<td>100</td>
<td>110</td>
<td>130</td>
<td>155</td>
<td>175</td>
<td>190</td>
<td>210</td>
<td>230</td>
</tr>
<tr>
<td>50</td>
<td>39</td>
<td>47</td>
<td>85</td>
<td>115</td>
<td>130</td>
<td>150</td>
<td>175</td>
<td>195</td>
<td>220</td>
<td>235</td>
<td>260</td>
</tr>
<tr>
<td>100</td>
<td>45</td>
<td>54</td>
<td>95</td>
<td>130</td>
<td>150</td>
<td>190</td>
<td>220</td>
<td>250</td>
<td>260</td>
<td>280</td>
<td>320</td>
</tr>
</tbody>
</table>