Instructions for authors

Please follow these instructions carefully to ensure that the review and publication of your paper are as quick and efficient as possible. These notes may be copied freely. The electronic version of these notes is freely available for download on the web page of Chemistry Journal of Moldova (consult the section of the site Instructions for authors www.cjm.asm.md/author_instructions). Instruction notes and an example of manuscript formatting are available in the MS Word template file that can be found on the web page of Chemistry Journal of Moldova (www.cjm.asm.md).

Journal policy

“Chemistry Journal of Moldova. General, Industrial and Ecological Chemistry” seeks to publish experimental or theoretical research results of outstanding significance and timeliness in all fields of Chemistry, including Industrial and Ecological Chemistry. The main goal of this edition is strengthening the Chemical Society of Moldova, following development of research in Moldovan chemical institutions and promotion of their collaboration with international chemical community.

Fields of research:
1. Analytical chemistry
2. Ecological chemistry
3. Food chemistry
4. Industrial chemistry
5. Inorganic and coordination chemistry
6. Natural product chemistry and synthesis
7. Organic chemistry
8. Physical chemistry and chemical physics
9. Supramolecular chemistry

Publications may be in the form of Short Communications, Full Papers and Review Papers.

Short Communications should describe preliminary results of an investigation and for their significance are due to rapid communication. For this kind of publications, experimental confirmation is required only for the final conclusion of the communication. Maximum allowed length – 2 pages.

Full Papers should describe original research in chemistry of high quality and timeliness. Experimental work should be accompanied by full experimental details. Priority will be given to those contributions describing scientific work having as broad appeal as possible to the diverse readership. Maximum allowed length – 10 pages.

Review Papers are specially commissioned reviews of research results of topical importance. Maximum allowed length – 20 pages.

The language of submission is English, articles in other languages will not be considered. Papers are submitted on the understanding that the subject matter has not been previously published and is not being submitted elsewhere.

Authors must accept full responsibility for the factual accuracy of the data presented and should obtain any authorization necessary for publication.

The contents of papers are the sole responsibility of the authors, and publication shall not imply the concurrence of the Editors or Publisher.

All papers are sent to referees who advise the Editor on the matter of acceptance in accordance with the high standards required.

Referees’ names are not disclosed, but their views are forwarded by the Editor to the authors for consideration.

Authors are strongly encouraged to suggest the names and addresses of suitable referees.

Journal conventions

Nomenclature
Authors will find the following reference books and websites useful for recommended nomenclature:
- http://www.acdlabs.com/iupac/nomenclature
- http://www.chem.qmul.ac.uk/iupac/
It is the responsibility of the author to provide correct chemical nomenclature.

X-ray crystallographic data
Prior to submission of the manuscript, the author should deposit crystallographic data for organic and metal-organic structures with the Cambridge Crystallographic Data Centre (CCDC). The data, without structure factors, should be sent by e-mail to: deposit@ccdc.cam.ac.uk, as an ASCII file, in CIF format. CCDC deposition numbers (one per
structure deposited) should be included with the following standard text in the manuscript: “CCDC-******” - contains the supplementary crystallographic data for this paper. These data can be obtained free of charge via http://www.ccdc.cam.ac.uk/conts/retrieving.html. Deposited data may be accessed by the journal and checked as part of the refereeing process. If data are revised prior to publication, a replacement file should be sent to CCDC.

Experimental
Authors should be as concise as possible in experimental descriptions. The experimental section must contain all the information necessary to guarantee reproducibility. An introductory paragraph containing information concerning solvents, sources of less common starting materials, special equipment etc. should be provided. The procedures should be written in the past tense and include the weight, mmol, volume, etc. in brackets after the names of the substances or solvents. General reaction conditions should be given only once. The title of an experiment should include the chemical name and compound number of the product prepared: subsequently, these compounds should be identified by their number. Details of the work up procedure must be included. An experimental procedure is not normally required for known compounds prepared by a literature procedure; in such cases, the reference will suffice. For known compounds prepared by a novel procedure, comparative data together with the literature reference are required (e.g. m.p. and published m.p. with a reference to the latter).

Characterization of new compounds
All new compounds should be fully characterized with relevant physical and spectroscopic data, normally including compound description, m.p./b.p. if appropriate, IR, NMR, MS and [α]D values for enantiopure compounds. In addition, microanalyses should be included whenever possible. Under appropriate circumstances, and at the Editor’s discretion, high resolution mass data may serve in lieu of microanalyses; in this case a statement must be included regarding the purity of the products and how this was determined [e.g. all new compounds were determined to be >95% pure by HPLC (or GLC or 1H NMR spectroscopy)]. For compound libraries prepared by combinatorial methods, a significant number of diverse examples must be fully characterized (normally half of the members for libraries up to 40 compounds, 20 representative examples for bigger libraries). Resin-bound intermediates do not have to be fully characterized if acceptable characterization of released products is provided. No supplementary data are accepted in addition to the basic material.

Manuscript preparation
Please follow these guidelines for manuscript preparation. Please ensure that the required formats for text and figure submission are followed strictly.

General requirements
Manuscripts will be accepted only in electronic form in A4 format, orientation Portrait, one column layout, single-spaced, margins 2.15 cm on all sides. Ensure that each new paragraph is clearly indicated, using TAB at 1.25 pts. Manuscript must be edited in Times New Roman font. Contributions should comprise an even number of pages. Authors are also kindly requested to adhere to the formatting instructions for font size and layout. Use the automatic page numbering function.

Please ensure that the required formats for text and figure submission are followed strictly. MS Word template can be found on the web page of Chemistry Journal of Moldova (www.cjm.asm.md). Use of this template is mandatory.

The manuscript should be compiled in the order depending on the paper type.

A theoretical or physicochemical paper normally contains the Title, Authors, Affiliations, Abstract, Keywords, a brief Introduction and formulation of the problem, an Experimental (or methodological part), Results and discussion, Conclusions, followed by Acknowledgments and References.

A paper devoted to synthesis contains the Title, Authors, Affiliations, Abstract, Keywords, Introduction, Results and discussion, Conclusions, Experimental, Acknowledgments and References.

Title
The title should be brief, specific and rich in informative words. Avoid the abbreviations where is possible. The title is in size 14 pt Bold (all capital letters).

Authors and affiliations
Include all authors in a single list. The style for the names is: first name, last name (full names, without initials). The names of the authors must be written in size 12 pt and separated by a comma.
Affiliations should be as detailed as possible and must include the country name and must be written in size 9 pt italic. The corresponding author should be indicated with an asterisk, and contact details (e-mail, phone, fax) should be placed after nomination of affiliations. There should be only one corresponding author.

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Abstract
Authors must include a short abstract of approximately four to six lines that states briefly the purpose of the research, the principal results and major conclusions. Compound numbers should not be mentioned in the abstract. The abstract body is 9 pt in size with the heading in Bold.

Keywords
Authors are expected to provide a maximum of 5 keywords, separated by a comma (10 pt, Normal). These keywords will facilitate database searching. Avoid general, plural terms and multiple concepts (avoid, for example, “and”, “of”).

Text
Text should be subdivided in the simplest possible way consistent with clarity. Headings should reflect the relative importance of the sections. The text body is 10 pt in size Times New Roman font with the heading in Bold. Ensure that all tables, figures and schemes are cited in the text in numerical order. The graphics and artworks should be integrated in the paper.

Trade names should have an initial capital letter, and trademark protection should be acknowledged in the standard fashion, using the superscripted characters TM and ® for trademarks and registered trademarks respectively (although not for words which have entered common usage, e.g. pyrex).

Authors are requested to draw attention to hazardous materials or procedures by adding the word CAUTION followed by a brief descriptive phrase and literature references if appropriate.

Abbreviations must be defined at the first mention in the text and used consistently thereafter.

SI units must be used throughout.
In order to avoid possible confusion between the numeral 1 (one) and the lower-case letter l (el), please use the capital letter L to express liter units.
Decimal numbers should be expressed using the point (do not use comma).

Experimental information should be as concise as possible, but it should contain all the information necessary to guarantee reproducibility.

Tables should be edited considering the requirements indicated below.
Tables should be centered and should occupy the full width of the page.
Table must fit in a size of a page A4, Portrait. Vertical lines should not be used.
If table transfers partially to the next page it should be mentioned on the next page that this is a continuation of the table and the headings must be indicated again.
All table columns should have a brief explanatory heading typed in italic and where appropriate, units of measurement. The punctuation at the end of the table title must be used.
All tables should be cited in the text, and numbered in order of appearance with Arabic numerals. Tables should be numbered sequentially—“Table 1”, “Table 2”, and should be cited in the text as “Table 1”, “Table 2”.
An example of Tables formatting is available in the MS Word template that can be found on the web page of Chemistry Journal of Moldova (www.cjm.asm.md).

Figures, schemes and equations must be cited in the text and numbered in order of appearance with Arabic numerals; other graphics should be placed at a particular position in the text but not specifically referenced.

Figures and schemes should normally be centered.
It is also more convenient for referees of the article if figures are placed as close as possible, and ideally after, the point where they are first mentioned in the text. Figures should be numbered sequentially—“Figure 1”, “Figure 2”, and should be cited in the text as “Figure 1”, “Figure 2”.
Each figure should have a concise caption describing accurately what figure depicts. Figure captions begin with the term Figure, followed by figure number, punctuation and figure title, all in Bold type. Also, use the punctuation at the end of the caption. We recommend placing figures and their captions in a table with no margins.
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Chemical structures must be edited using the following settings: font 7 pt Arial, chain angle 120°, bond spacing 20% of length, fixed length 0.43 cm, Bold width 0.056 cm, line width 0.016 cm, margin width 0.044 cm and hash spacing 0.062 cm. Compound numbers should be in Bold face.

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\[ \lambda = 2d \sin \left( \frac{\Theta}{2} \right) \]  
\[ \text{(2)} \]

Please use size 10 pt and *Italic* for symbols, Bold face for vectors and normal fonts for standard functions (i.e. log, ln, exp) and subscripts (i.e. //_\text{app}i). Large and complex chemical formulas should be presented in text as figures. Please follow the IUPAC nomenclature for your chemical compound.

**Conclusions**

Concluding section will provide a summary of the main obtained results, formulated in a concise form. The author must not indicate the literature references in this section.

**Acknowledgments**

This is an optional section. The authors have to decide acknowledgement of certain collaborators, funds or programs who contributed in a way to the research described in the paper.

**References**

In the text, references should be indicated by Arabic numerals taken in square brackets, which run consecutively through the paper and appear before any punctuation; ensure that all references are cited in the text and vice versa. References should be numbered in the text in the order they are cited [1]. Multiple consecutive references may be abbreviated as [2-5].

Do not cite references in the abstract.

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All references must be edited in the same style.

**Each reference should contain only one literature citation.**

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using Microsoft Word (Office 97 or higher for PCs) word processing soft.

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