

NOTICE TO AUTHORS 2011

General Features

Mendeleev Communications is an international journal published in English presenting preliminary accounts of original and significant results in chemistry that are of wide general appeal or exceptional specialist interest. Although the main emphasis is on the publication of work from Russia and other states of the former Soviet Union, submissions are also welcome from authors elsewhere, particularly those whose results pertain to recent research from Russia and other states of the former Soviet Union, or who are engaged in collaborative research projects with colleagues from these states.

Correspondence and Submission of Manuscripts

Papers and accompanying forms (a warrant from the institution and, if available, an expert's report) should be submitted to: The Managing Editor, *Mendeleev Communications*, N. D. Zelinsky Institute of Organic Chemistry, The Russian Academy of Sciences, Leninsky pr. 47, 119991 Moscow, Russian Federation; phone/fax: +7 499 135 8803; e-mail: edit@mendcomm.org.

For more information, see <http://www.mendcomm.org>.

Authors should provide their address for correspondence and their telephone and fax numbers and electronic mail address.

No work submitted to *Mendeleev Communications* should simultaneously be submitted to or be under current consideration by any other journal.

Contributions which have appeared or have been accepted for publication with essentially the same content in another journal are not suitable for consideration by *Mendeleev Communications*.

Papers which are accepted by *Mendeleev Communications* must not be published elsewhere except by permission of the Russian Academy of Sciences.

A copyright agreement will be transmitted to authors and authors should sign it and return without delay.

Refereeing of Communications

All communications will undergo two stages of refereeing. Manuscripts submitted will be reviewed initially by referees from Russia. Acceptable manuscripts will then be reviewed by referees from the West.

It is helpful to the referees if authors can provide a statement or covering letter explaining briefly why they feel that their work is an important advance and putting it into context in relation to the ultimate aims of their ongoing research.

Preparation of Manuscripts

General. Individual contributions should not normally exceed 4–5 typed pages in length (maximum 1000–1500 words without illustrations and schemes), to give a printed article of no more than two printed pages. Communications should be restricted to the central urgent theme. Authors should avoid extensive historical introduction, superfluous experimental detail, physical data and detailed reasoning. Authors are encouraged to include, briefly, important details relevant to the proof of the reliability of the results. Illustrations and tables will only be published if they are essential to understanding the paper.

Presentation. Careful attention to the following points will aid rapid publication.

(a) Manuscripts submitted by the Russian speaking authors should be in Russian accompanied by an English version, which should be of a sufficiently high standard of English to enable a referee to judge the scientific quality of the manuscript. A translation service is available for authors who are unable to provide an English manuscript. Manuscripts

submitted by the English speaking authors should be in English.

(b) The first page should be set out as follows:

(i) Title, with the first word only capitalised.

Note: The inclusion of 'Series' or 'Part numbers' in the title of a communication is not allowed.

(ii) Authors' names, with one forename for each, with an asterisk (*) indicating the author for correspondence.

(iii) Authors' address or addresses (affiliation, including department's name for the universities, postal code, city, country, fax number and e-mail address).

(iv) A **one-sentence** summary stating the main finding(s).

(v) Main text, first paragraph not indented, double-line spacing.

(c) Spacings must be those required in print, *e.g.* each paragraph must be indented. A space must be left after numerals (except where these occur in chemical names), when these qualify units (*e.g.* 3 g), but not when they are multiples (10^3k).

(d) Attention should be paid to italicizing and punctuation (or its absence) in symbols and chemical names.

(e) Textual footnotes should be presented separately from the main text and the numbered bibliography, and given symbols in the sequence †, ‡, §, ¶.

(f) Abbreviations and acronyms must be defined at their first appearance and be used only sparingly. English spelling should follow that used in the Oxford English Dictionary.

(g) The inclusion of Cyrillic symbols in the English text is not allowed.

(h) Only personal acknowledgements and those indicating financial support of the research will be published. Dedications are not allowed.

Electronic Submissions

Authors should provide an electronic version of their manuscript by electronic mail or CD-ROM or by online submission. Word for Windows files with the manuscripts are preferable. It would be helpful if Figures could be additionally submitted in a common vector or high resolution raster format as separate files. Accompanying forms can be submitted as scanned copies of the signed originals. In case of submission *via* e-mail or online submission, posting of the hard copies is not required.

Nomenclature, Units and Symbolism

Current IUPAC nomenclature and symbolism and Système International (SI) units should be used, as an aid to the accurate and unambiguous communication of chemical information between authors and readers.

Transliteration

Transliteration will be performed according to the ISO Standard (ISO 9: 1995), but in references names will be spelt as they appear in the cited publications.

Title

The title should clearly and accurately indicate the content of the communication and be expressed in scientific terms that can function as 'points of entry' for retrieval purposes. Brevity in the title, though desirable, should be balanced against accuracy and usefulness.

Summary

The summary should be a one-sentence account of the discovery being announced. It must clearly indicate the content that makes the communication important or urgent.

Graphical Abstract

All communications should include a graphical abstract for illustrated contents list. It should be a diagram, picture or scheme carefully chosen so as to allow a casual reader to appreciate the nature of the work presented in the communication. Maximum size 40×85 mm. Examples of style and format may be found in any recent issue.

Illustrations

Structure reference numbers must be cited in numerical order in displayed formulae. Detailed guidelines on the preparation of illustrations can be found at <http://www.mendcomm.org> (Notice to Authors, Guidelines for Illustrations).

The cost of colour illustrations shall be charged to the authors for reproduction or, in case of reasoned necessity, where colour reproduction is considered essential to communicate the scientific message adequately, shall be charged to the journal print production budget. Colour illustrations may be included free of charge in the Electronic Edition of the journal.

Online Supplementary Materials

Authors are encouraged to publish supplementary data in electronic form. Such data can include supporting applications, high-resolution images, video clips, and more, to enhance the scientific research and increase the impact of the article. Placing repetitive details and bulky data in online supplementary materials can also help authors to improve the readability of their articles and to provide the required length of the manuscripts.

Supplementary materials should be submitted as separate files and referred to from within the text of the manuscript or in the added paragraph entitled 'Online Supplementary Materials' at the end of the manuscript. Supplementary data of the accepted articles will be published in the electronic version of the journal.

References

References should be cited in the text using superior Arabic numbers and typed in numerical sequence. The corresponding citations should follow the main text and have the following format:

- 1 K. Fagnou and M. Lautens, *Angew. Chem., Int. Ed. Engl.*, 2002, **41**, 26.
- 2 K. N. Gavrilov, O. G. Bondarev and A. I. Polosukhin, *Usp. Khim.*, 2004, **73**, 726 (*Russ. Chem. Rev.*, 2004, **73**, 671).
- 3 N. Sato, in *Comprehensive Heterocyclic Chemistry II*, eds. A. R. Katritzky, C. W. Rees and E. F. V. Scriven, Pergamon, Oxford, 1996, vol. 6, p. 249.
- 4 Yu. V. Rakitin, G. M. Latin and V. V. Minin, *Interpretatsiya spektrov EPR koordinatsionnykh soedinenii (Interpretation of EPR Spectra of Coordination Compounds)*, Nauka, Moscow, 1993, p. 399 (in Russian).
- 5 R. K. Jadhav, W. F. Daneker and F. G. Woerner, *US Patent, 5506355, C07D*, 1996 (*Chem. Abstr.*, 1996, **125**, 34038h).
- 6 V. A. Brattsev, G. N. Danilova and R. Lemmen, *Abstracts of the 1st European Conference on Boron Chemistry*, Barcelona, 1997, p. 45.

All authors should be listed for each reference. Particular attention should be paid to the correct spelling and completeness of all bibliographic information. Journal titles should be abbreviated according to the Chemical Abstracts Service Source Index (CASSI). Where an authoritative abbreviation cannot be located, the full title should be given. Titles of books must be given in full, together with publisher's name and location. Russian sources should be transliterated. Citations of Russian periodicals should also include the corresponding English translation, if available.

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Guidelines for Publication of X-Ray Crystallography

Presentation of Crystallography in the Manuscript

For an article reporting a crystallographic structure determination it is often appropriate, although not essential to indicate this information in the title, *e.g.* by the words 'crystal structure of'. Whether or not the crystal structure determination is indicated in the title, reference should be made to it in the summary. The summary need not contain cell dimensions and other crystal data. Details of the data collection and structure analysis should be given in a footnote. Selected bond lengths and angles, with estimated standard deviations, should be included in the figure caption and be restricted to significant dimensions only. The following information should be given in the manuscript:

- Chemical formula and formula weight (*M*)
- Crystal system
- Unit-cell dimensions (Å or pm, degrees) and volume, with estimated standard deviations, temperature
- Space group symbol (if non-standard setting give related standard setting)
- No. of formula units in unit cell (*Z*)
- Linear absorption coefficient (μ)
- Number of reflections measured and/or number of independent reflections, R_{int}
- Final *R* values (and whether quoted for all or observed data)

Supplementary Data Required for Assessment and/or Deposition

Authors should submit all supplementary crystallographic data as a Crystallographic Information File (CIF) file (and the corresponding CCDC number, if available) *via* electronic mail. The submissions must be made to the **journal e-mail account: edit@mendcomm.org**. Authors should combine multiple data sets for a given manuscript into a single file. This will minimise the chance that files will be misplaced or associated with the wrong manuscript. The individual structures in the combined file must be separated from each other by the sequence #===END at the beginning of a line. Authors must identify which manuscript the electronic file is associated with when they send the file to the Editorial Office by entering the name of the manuscript at the top of the electronic file.

- The information required for deposition includes:
- A table of final fractional atomic coordinates
- Any calculated coordinates (*e.g.* hydrogen)
- A full list of bond lengths and angles with estimated standard deviations
- A full list of displacement parameters in the form B_{ij} or U_{ij} (in Å² or pm²)
- FULL details of the refinement, which can be found at <http://www.mendcomm.org> (Notice to Authors, Guidelines for Publication of X-Ray Crystallography)

For more information on the items that should be included in CIF submissions please visit <http://www.rsc.org/is/journals/authrefs/cif.htm>.

Tables of *structure factors* (F_o , F_c) should not be sent, but copies should be retained by the authors so that they may be made available *via* the Editorial Office if requested.

The Editorial Office will forward all crystallographic data to the Cambridge Crystallographic Data Centre, 12 Union Road, Cambridge CB2 1EZ, once the paper has been accepted. The deposited data will be available free of charge *via* www.ccdc.cam.ac.uk/data_request/cif.