

Information for Authors of Contributions and Publishers of Books

Three types of papers in all areas of chemistry are considered for publication: Article, Note and, Review. Articles on Chemical Education are also considered.

Articles must describe original work and provide definite accounts of completed studies. The text should be divided into (i) Abstract, (ii) Introduction, (iii) Results and Discussion, (iv) Experimental and (v) References.

Notes must describe original work as Articles but provide brief accounts of findings and results of less extensive studies.

Reviews must describe the results of various workers in a given area and/or recent developments from author's own laboratory. Prior to submission of a *Review* the author must submit a brief *Synopsis* giving the scope of the article, interest attached to it and current literature including previous reviews; and after the *Synopsis* is approved the author will submit the *Review* paper (not exceeding 30 typed pages including diagrams, tables and photographs). *Reviews* will be accepted only from those authors, who have contributed significantly to the topic on which the review is written. Normally, reviews would not be considered for publication, if a review on the same topic has appeared in the last five years in a reputed journal or a serial publication/book.

A paper will not be accepted for publication unless the author or one of the authors (in case of joint authorship) is a Fellow or a Member of the Indian Chemical Society of some category.

In the case of rejection of a paper, the opinion of the Honorary Editor shall ordinarily be treated as final.

Presentation of Paper

The work should be presented concisely and clearly in English. Three copies of typescripts (one original and two good quality carbon/xerox copies) are required. They should be typed double-spaced throughout, including table, footnotes and references on bond paper (22 cm x 22 cm) with at least 3.5 cm margin.

The top right hand corner of the first page of the manuscript should indicate the section in which the *Article*, *Note*, *Review* or *Chemical Education* be classified: Inorganic Chemistry, Physical Chemistry, Organic Chemistry, Analytical Chemistry, Biochemistry, and Industrial Chemistry/Chemical Engineering.

Manuscripts should be addressed to the Honorary Editor, Indian Chemical Society, 92 Acharya Prafulla Chandra Road, Kolkata-700 009, India.

Format of Paper

Title should be concise. The use of symbols, abbreviation and formula is discouraged.

Name of authors should be followed by their addresses along with *E-mail* and *Fax* numbers. An asterisk should follow the name of the author who is to receive any correspondence.

Each paper should contain *Keywords* for indexing.

Abstract should be informative and summarise the principal findings of the work. Normally it should not exceed 3 percent of the length of the paper and should be less than 250 words.

Introduction should be clear and brief, embracing the nature of the problem and providing its background with relevant references.

Results and Discussion should embrace first the results followed by a discussion of their significance. Only relevant results should be presented, and figures, tables and equations should be used for the purpose of brevity. Tables should be typed on separate pages, one on each.

Experimental description should be given in detail sufficient for repetition by other workers. Purity of materials and relative quantities should be mentioned. Descriptions of established procedures are unnecessary though relevant references should be given. Commercially available instruments should be referred to by their model numbers:

Acknowledgement should be as brief as possible.

References should be given on a separate sheet at the end of the manuscript.

Linguistic and Technical Convention

Abbreviation for a few of the commonly used terms are m.p., b.p., g, mg, cm, min, h, ppm, nm, ms, IR, UV, NMR, GLC, HPLC, TLC, v/v, w/w, TG, DTA.

Hyphens are used to divide words to compound words to form a single modifying adjective, to set apart numbers, configurational letters, Greek letters and italicised prefixes.

Italics are used for non-English words and phrases, Latin abbreviation, and for prefixes in the name of chemical compounds or radicals when the positions of named substituents or stereoisomers are defined. Scientific names of genera and names of periodicals or abbreviated *forms* are set in italics.

Formula and structure numbered with Arabic numerals in the order they are displayed, should be drawn or typed on a separate sheet and a marginal indication of their positions

in the text is desirable. Formula inserted in the running text should be written on one line, if possible. Metal valency should be indicated as Niⁱⁱ, nickel (ii), and ionic charges as Na⁺, Cl⁻, SO²⁻, Fe (CN)³⁻₄₆.

Units and symbols should conform to the SI units.

Nomenclature should be in conformity with the latest recommendations of the International Union of Pure and Applied Chemistry (IUPAC), International Union of Pure and Applied Physics (IUPAP), International Union of Biochemistry (IUB) and Chemical Abstracts.

Experimental data for a compound should follow the order: yield, m.p., elemental analysis, optical rotation, refractive index, UV, IR, NMR, mass spectra. An alternate tabular presentation of selected data may be used, if desired.

Reports of X-ray crystal structure analyses should conform to the recommendations of the Commission on Crystallographic Data of the International Union of Crystallography.

Reports of the isolation of known compounds from a new plant/animal source should be made as brief as possible. The isolation procedure should be mentioned, and the means of identification noted -it is not necessary to give detailed spectroscopic, analytical or chromatographic data which are already known. These papers should not ordinarily exceed two pages of type-scripts.

Figures, tables, diagrams and photographs should be not more than what is absolutely necessary. If these exceed 20% of the content of the text, author(s) may have to pay for the excess cost. Figures should be numbered with Arabic numerals and mentioned consecutively in text indicating their respective locations. All figures (with legends) and tables should be presented on separate sheets of paper at the end of the main text of the manuscript.

Drawings should be with Indian ink on tracing paper or white drawing paper and should be planned for reproduction to a column width of 7.5 cm or two-column width of 16 cm. For one-column width reproductions, the diagrams should be drawn to a total width of 11 cm. Normally six-membered rings in organic structural formulae should be drawn as regular hexagons of height 11 mm for reduction of size 8 mm. Curves should be labelled with figures, numbers of adequate size, so that on reduction to about 2/3-size (half-area) these are clearly visible. UV, IR, one-dimensional NMR, mass spectra, HPLC and GC traces will not be published unless absolutely necessary. These may however, be submitted as additional material to help

the referee to assess the paper. Diagrams with a single straight line plot (e.g. for kinetic measurements) shall not be printed, nor shall routine conductometric and potentiometric curves.

Structures and formulae which cannot be composed must also be submitted as suitable drawings. Photographs should be glossy black-and-white prints with sharp contrast. Photomicrographs should be unmounted and be not more than 7.5 cm wide.

References should be numbered consecutively and these numbers are to appear as superscripts in appropriate places in the text. Care must be exercised for uniformity in citation. *Ibid*, *Idem*, *et. al.* should not be used. Abbreviation for titles of Journals should be as in the *Chemical Abstract* references. The initials and surnames of all the authors should be furnished, the name of the journal should be underlined with a single line and the volume number underlined with double line. Citations should follow the order: author's name(s), journal's name, year, volume, page. A few sample citations are given below.

1. P. C. Ray, *J. Indian Chem. Soc.*, 1924,1,207.
2. T. G. Traylor and F. Xu, *J. Am. Chem. Soc.*, 1990, 112, 178.
3. I. Collins, *J. Chem. Soc., Faraday Tran. 1*, 2000, 2845.
4. R..M. Abdel-Rahman, *Indian J. Chem., Sect. B*, 1988, 27, 548.
5. J., Nakayama, *Bull. Chem. Soc. Jpn.*, 2000,73, 1.
6. G. Barany and R. B. Merrifield in "The Peptides", eds. E. Gross and J. Meienhofer, Academic, New York, 1980, Vol. 2. p. 3.
7. F. A. Cotton and G. Wilkinson, "Advanced Inorganic Chemistry". 6th. ed., Wiley, New York, 1988.
8. A. P. Banerjee, *Indian IN 161024/1987 (Chem. Abstr., 1988,109, 25172)*.
9. A. K. Khanna, *J. Indian Chem. Soc.*, in the press/communicated (Manuscript number).

Offprints

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Book Review

Books submitted for review in the Journal of the Indian Chemical Society must be sent in duplicate to the Honorary Editor, Indian Chemical Society, 92 Acharya Prafulla Chandra Road, Kolkata-700 009, India.