

Guide for Authors

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Scope. I/EC publishes reports of original work in engineering design and equipment, product and process development, unit operations, reaction investigations, mathematical treatments, plant management, market development, safety and hygiene, and industrial wastes.

Articles of general interest are encouraged. They may be commodity surveys, on general aspects of a specific compound or family of compounds, on design, on availability and selection of classes of pilot plant and full scale manufacturing equipment, on the philosophy of pilot plant work, or on similar topics of wide interest. Review articles of other types are not encouraged.

I/EC does not print material easily available to the chemical industry in other published form. An author may use his own patent disclosures as the basis for an article, but patents of others must be regarded as prior publications.

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Brief. Tell why the project was undertaken, summarize results as specifically as possible, and indicate their practical significance.

Title. Use specific and informative titles. A main title and a subtitle are preferred to one lengthy title.

Authorship. Be consistent in authorship designation. Given first name and initial of second name are generally adequate for correct identification. Give complete mailing address of place where work was conducted. If current address is different, include it in a footnote on title page of article.

Text. Consult I/EC for general style. Assume your reader is not a novice in the field. Set the scene but do not overdo with unnecessary history. If you use historical references, tabulate them by subject area and reference number. A logical sequence thereafter will spare the reader unnecessary repetition.

Tables. Avoid tables and graphs which involve duplication. If you can

use a graph, do not include a table. If the reader needs the table, spare the graph. Substitute a few typical results for lengthy tables.

Nomenclature. Follow nomenclature style of *Chemical Abstracts*; avoid trivial names. If trade names are used, define at point of first use.

Use consistent units of measurement and give dimensions for all terms. If nomenclature is specialized, as in mathematical and engineering reports, include a "Nomenclature" section at end of paper, giving definitions and dimensions for all terms. Write out names of Greek letters and other special symbols in margin of manuscript at point of first use.

Write all equations and formulas clearly and number equations consecutively. Place superscripts and subscripts accurately; avoid superscripts that may be confused with exponents.

Acknowledgment. Include necessary credits in an "Acknowledgment" section at the end of the text. Do not overdo this section.

Literature Cited. Except for historical references, which should be tabulated in the introductory section, list citations at the end of the article. They should be in alphabetical order according to author, patentee, or equivalent. Number consecutively, and use appropriate number (in parentheses) to indicate reference in text. Do not list references as "in press" unless they have been formally accepted for publication. Give complete information as per following examples:

- (1) Adams, J. A. S., Maeck, William, *Anal. Chem.* **26**, 607 (1954).
- (2) Bellamy, L. J., "The Infrared Spectra of Complex Molecules," 2nd ed., p. 20, Methuen and Co., London, 1958.
- (3) *Chem. Eng. News* **36**, 319 (Nov. 10, 1958).
- (4) Thurston, J. T. (to American Cyanamid Co.), U. S. Patent 2,525,247 (Oct. 10, 1950).
- (5) Wine Institute, San Francisco, Calif., Bull. 500 (November 1950).
- (6) Zemany, P. D., General Electric Co., Schenectady, N. Y., private communication.

In references of types (3) and (5) do not use "Anonymous."

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Bylaw VI, Sect. 5, 4

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