

Instructions to Contributors

The object of the Journal of the Chinese Institute of Chemical Engineers is to publish original works, from fundamental principles to practical applications, in the broad field of chemical engineering.

Manuscripts should be sent either to Editor-in-Chief of the Journal, Professor Yi-Der Tai, Department of Chemical Engineering, National Taiwan University, No.1, Section 4, Roosevelt Road, Taipei, Taiwan 106, R.O.C., or to International Editor, Professor Liang-Shih Fan, Department of Chemical Engineering, 125 Koffolt Labs, Ohio State University, 140 West 19th Avenue, Columbus, OH 43210-1180, U.S.A.

Papers will be published only when they are judged by the Editor to be characterized by some general significant conclusions or by experimental data having potential lasting value.

Manuscripts submitted for publication in this Journal should be written *in English*. All manuscripts should be typed in double-spaced and with wide type margins. *Four copies* are required by the Editorial Office for reviews. Electronic submission (in pdf or MS Word format) to cytai@research.ntu.edu.tw is encouraged. However, only the manuscripts in the MS Word or Tex format, *i.e.*, in an editable format, are accepted for final publication.

Papers appearing in the journal are of four basic types:

- (1) *Original Papers*: formal presentation of significant and completed research work.
- (2) *Short Communications*: brief reports which need prompt publication.
- (3) *Letter to the Editor*: general comments on established chemical engineering topics and discussion of published papers.
- (4) *Chemical Engineering Data*: systematic presentation of data of thermodynamic and transport properties, or of design data from original measurements.

FORMAT

- (1) **Title**: Use a specific and informative title; it should be as brief as possible, consistent with the need for defining the subject area covered by the paper and for indexing and retrieval purposes.
- (2) **Authorship**: Be consistent in authorship designation. Use first name, middle name initials, and surname. Give complete mailing address of place where work was conducted. If the current address is different, include it in the footnote on the title page.
- (3) **Abstract**: Be clear and concise, giving the scope and purpose, significant results and conclusions.
- (4) **Keywords**: Highlight at least four keywords.
- (5) **Text**: Assume that your reader is not a novice in the field. Include as much history as is needed to provide background for the particular material covered in your paper. Sectionalize the article and insert appropriate headings.
- (6) **Conclusion**: Indicate contribution with its limitations, significance and possible extensions.
- (7) **Nomenclature**: List all symbols and units in English and in an alphabetical order indicating their meaning and dimensions.
- (8) **References**: Should be listed in an alphabetical order

according to author, patentee or equivalent. Names of authors, titles of the paper, patent or report, and beginning page number should be included. References should be cited in the text by the last names of the authors (both authors, when only two; first author plus "*et al.*", when more than two) and Year. Abbreviations of journal names should conform to the Chemical Abstracts. Do not number references. The reference format required is as:

Bird, R. B., W. E. Stewart, and E. N. Lightfoot, *Transport Phenomena*, p.101, John-Wiley and Sons, Inc., New York, U.S.A. (1960).

Derzansky, L. J. and W. N. Gill, "Mechanism of Brine Side Reverse Osmosis Tubular Membrane," *AIChE J.*, **20**, 751 (1974).

Kobayashi, H., "Rapid Decomposition Mechanism of Pulverized Coal Particles," M.S. Thesis, Department of Aeronautics and Astronautics, Mass. Inst. Tech., Cambridge, Mass., U.S.A. (1972).

Schroeder, W. C., "Hydrogenation of Coal," U.S. Patent, 3, 030, 297 (1962).

Seckler, M. M., O. S. L. Bruinsma, G. M. van Rosmalen, J. C. van Dijk, and F. Delgorge, "Phosphate Removal by Means of a Full Scale Pellet Reactor," *Industrial Crystallization* 90, p.143, A. Mersmann, Ed., Garmisch-Partenkirchen, FRG (1990).

(9) **Appendix**: May be included to explain experimental and mathematical details.

(10) **Figures**: Original figures and two copies should be submitted.

(a) Original figures should be good for photographic reproduction with black ink lines on white background. Omit letters and captions. Author's name and figure numbers are marked in corner.

(b) Figure numbers and captions in English are listed on a separate page.

(c) All plots should be framed with scale.

(11) **Tables**: Avoid tables and graphs which involve duplication or superfluous data. If you can use a graph, do not include a table. If the reader needs the table, omit the graph. Number tables in order of mention in the text.

(12) **Maximum length**:

(a) Length of Original Papers is not to exceed 35 double-spaced typed pages, including tables and figures, on the basis of about 300 words per typed page and a figure of 3"×3" equivalent to a typed page.

(b) Length of Short Communications and Letters to the Editor are not to exceed, respectively, 10 and 4 double-spaced typed pages on the above indicated basis.

(13) **Computer disc**: Once accepted, the author(s) need to submit a computer disc containing the revised manuscript, figures, and tables to the editorial office for further processing.

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