

# Critical Reviews in Analytical Chemistry

## Instructions to Authors

I. The Critical Review. *Critical Reviews in Analytical Chemistry* presents detailed reviews of important topics in analytical chemistry. Each review should represent an authoritative discussion of the most significant recent literature for the topic being covered, describing the most important current developments, as perceived by the author. The review should include a critical evaluation of the field's current status emphasizing its unique characteristics, perceived limitations, and probably future trends. Each manuscript will receive a peer review. Final decisions concerning manuscript acceptability reside with the Editors.

II. Format. Sections should be numbered according to the following scheme:

- I. PRINCIPAL HEADING
  - A. First Subheading
    - 1. Second Subheading
      - a. Third Subheading

All manuscripts should include the following:

- A. Title. The title should be as concise and brief as needed to properly define the topic being covered.
- B. Author Information. Author's full name, affiliation, complete mailing address (including fax, e-mail and phone).
- C. Text. In addition to the main body of the text, the review should include an Abstract, Introduction or Background section, and a Summary or conclusion section. Acknowledgments may be used when appropriate. Also include three to ten "Key Words" which will be used to compile a subject index.
- D. Style. Authors should follow the general writing, notation, and illustration style given in The ACS Style Guide, which is available from the American Chemical Society, 1155 16<sup>th</sup> St. N.W. Washington, D.C. 20036. 800.424.6747. This style is used in most published ACS journal manuscripts.
- E. References: Examples

Journal Articles:

- 1. Ciurczak, E.W.; Cline-Love, L.J. *Spectroscopy*. 1990, 5(8), 38.
- or
- 2. Ciurczak, E.W.; Cline-Love, L.J. *Spectroscopy*, The use of near-infrared spectroscopy in thin-layer chromatography, part 1: quantitative measurements. 1990, 5(8), 38.
- 3. Fletcher, T.R.; Rosenfeld, R.N. *J. Am. Chem. Soc.* 1985, 107, 2203-2212.

Books:

1. *Inductively Coupled Plasmas in Analytical Atomic Spectroscopy*; A. Montaser, D.W. Golightly, Eds., VCH: New York, 1987; pp. 29-47.
2. Bartle, K.D., Theory and principles of supercritical fluid chromatography, in *Supercritical Fluid Chromatography*; R.M. Smith, Ed., Royal Society of Chemistry: London, 1988; Chapter 1.
3. Szepesi, G.; *HPLC in Pharmaceutical Analysis, Vol. I*; CRC: Boca Raton, 1990; pp. 100-110.

- F. Figures. 1. General. All figures (line drawings, graphs, and photographs) should be submitted one per page separately from the text. Keep in mind that labeling must be legible after reduction (standard reduction is about 40% of the original). A list of figure captions, typed double-spaced, should be included on a separate page. The author should number figures consecutively in order of appearance in text, make sure that every figure is cited in the text using "Figure 1, Figure 2," etc., and indicate in pencil, in the margin where each figure is first cited. All figures should be numbered and identified on the back in felt tip pen only. All illustrative material should be mailed flat and protected by heavy cardboard. Keep illustrations free of clips and staples.
- a. Line drawings and graphs. Original line drawings and graphs should be submitted in black ink on separate sheets of white opaque paper; however, black and white glossy photographic prints are preferred. Photocopies are unacceptable substitutes for original figures. Computer generated line drawings or graphs are acceptable if printed on a laser printer.
  - b. Photographs. The number of photographs should be kept to a minimum and only black and white glossy prints should be submitted. If cropping is necessary, please indicate on a separate photocopy of the print so as not to damage the original.
- G. Tables. Tables should also be numbered in sequence in the order in which they appear and should be referred to in the text. Explanatory material essential to the understanding of the table should be written as footnotes.
- H. Equations. Displayed equations should be incorporated in the text and should be numbered using arabic numerals (in parentheses) in sequence. In the text they should be referred to as "Eq. (12)." At the beginning of a sentence, the word "Equation(s)" should be written out. Equations may be handwritten provided that every character can be easily identified. The first time a Greek letter appears, it should be identified in the margin. All symbols should be identified in the text. A clear distinction should be made between the letters "I" and "l", and "1" (one); letters "o" and "O" and "0" (zero); letters "w" and an "omega", etc. Please observe correct spacing, e.g., 25°C (not 25\* C); 0.5. kg. For numerical values of measurable quantities, show no more digits than are significant. Use decimal points, not commas. The use of scientific notation is recommended, e.g.,  $1.23 \times 10^2$ .
- I. Units and quantities. Units should be in accordance with the Systeme Internationale d'Unites (SI). Symbols for physical quantities should be those recommended by IUPAC, IUPAP or ASTM.

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K. Diskettes. Authors are strongly encouraged to submit a diskette with the final manuscript. Please be sure to label diskettes with the system and software.

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