Information for Authors

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Information for Authors

Papers considered for publication in the *Proceedings of the Iowa Academy of Science* shall be the results of original investigations. They will be judged on their merit as contributions of original data, ideas or interpretation, and on their conformity to good scientific style. Papers from non-members will be accepted only upon the vote of the editorial staff. Preference will be shown to papers presented at the annual meeting.

Articles must be clear and concise, with attention to accuracy in spelling, grammar, and use of standard abbreviations. Paragraphing, headings, figures and tables should be in conformity with instructions given below and acceptable style manuals. Type manuscripts on good quality bond paper, 8½ by 11 inches, on one side only, double-spaced and with wide margins. Keep an exact copy of the manuscript, as the submitted copy will not be returned. The sequence of material should be: title page, abstract, text, acknowledgements, references, tables, figure legends, and figures. Number the pages consecutively in the upper right hand corner. Clip pages together; do not staple.

The TITLE PAGE must give the title, author's name, the laboratory or institution of origin, a complete address for mailing proofs, and a running head of not more than 35 letters and spaces. Short titles of not more than 70 characters are preferred, especially by abstracting and bibliographic services.

The ABSTRACT should be informative, concise, and complete in itself, without reference to the body of the paper. Give what was done, what was found, and what was concluded in not more than 200 words. It should be suitable for abstracting journals without rewording.

The HEADINGS for the main subdivisions should be centered and typed in capitals. Type second order headings flush to the left margin, with major words beginning with capitals and underlined. Where third-order headings are needed, type with paragraph indentation, underline, and capitalize only the initial letter of the first word. End them with a period and follow with the text on the same line.

Use FOOTNOTES sparingly. Number each footnote consecutively. Type footnotes for the text on a separate page, double-spaced, with each entry as a new paragraph.

ACKNOWLEDGMENTS to granting agencies, etc., should be
made as a footnote to the title. Make other acknowledgments at the end of the text, immediately before the reference.

List only REFERENCES actually cited. Cite references by author, followed by year of publication in parentheses, or by number. If numbers are used they should be used serially in the text, and listed in that order in the reference section. Each citation should consist of author, year of publication, volume and inclusive pages. The title may or may not be given, but use either form consistently.

Book references should include author, year, title, publisher, city of publication and inclusive pages. Citations to “unpublished data” or “personal communication” should be noted in the text only in parentheses.

Each TABLE should be typed on a separate page. Table number (in arabic) and title go at the top of the page. Do not give tables of data duplicating material in the text of illustrations.

A FIGURE LEGEND should be provided for each illustration. Refer to all of these figures numbered in arabic. Do not incorporate legends in all figures; type them on a separate page following the tables.

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Identify illustrations on the margin or near edge of the back by number, author’s name, and abbreviated title of the paper. Where necessary, the top of the figure should be indicated. Where possible, groups of figures should be made into a plate, but plate designations are falling into disuse. Number figures on the plate consecutively, in the same series as other figures. Illustrations are expensive; be sure yours are functional and essential. None should repeat materials presented in tables.

LINE DRAWINGS should be made with India ink on heavy drawing paper or tracing cloth. Keep the dimensions of the page (4 x 7 inches) in mind, making allowance for the figure legend. A good size for a drawing is twice the desired size, with lettering and line thickness similarly enlarged.

Photographic copies are preferable to originals. Drawings or photographs larger than 8x14 inches will not be accepted. They
should be photographed. All photographs should be sharp, contrasty, and have a glossy finish.

Chemical structural formulas and process flow diagrams should be kept to a minimum and be drawn for reproduction as line cuts.

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All LETTERING should be in India ink and meticulously prepared. It should not be less than 1 mm. high on reduction. Typewriter script cannot be used for reproduction as cuts.

GALLEY PROOFS will be sent to the author, usually in the summer or early fall. Read them carefully and return them to the editor. Alterations should be limited to typographic or factual errors. Engraver's and page proof will be sent only on request.

More detailed instructions can be obtained from section chairman, or section leaders. Articles should be submitted to the section chairmen no later than the last day of the annual meeting.

APPROVED STYLE MANUALS

Biological Fields: Style Manual for Biological Journals
AIBS
2000 P. Street, Washington, D.C.

Chemistry: “Notice to Authors” in Feb. 5th, May 5th, August 5th & November 5th issues of Journal of American Chemical Society.

Geology: Suggestions to Authors of the Reports of the United States Geological Survey. Supt. of Documents, Washington, D.C.

Physics: American Institute of Physics Style Manual, American Institution of Physics, 335 E. 45th St., New York, 17, New York