

Macromolecular Chemistry and Physics (MCP)
Macromolecular Rapid Communications (MRC)
Macromolecular Bioscience (MBS)
Macromolecular Theory and Simulations (MTS)
Macromolecular Materials and Engineering (MME)

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Author Guidelines 2004

1 General Information

The Macromolecular journals are critically reviewed journals covering all aspects of state-of-the-art macromolecular science presented in various categories. For topics and categories of contributions, refer to the table below.

Journal	Topics	Full Papers	Communications	Feature Articles/ Reviews	Book Reviews	Other ^{a)}
MCP www.mcp-journal.de	Original research in ALL current areas	✓			✓	✓
MRC www.mrc-journal.de	HIGH PRIORITY research in ALL current areas		✓	✓	✓	✓
MBS www.mbs-journal.de	Original research in the interdisciplinary field of macromolecular science and biology	✓	✓	✓	✓	✓
MTS www.mts-journal.de	Original research in macromolecular theory and computer simulations	✓	✓	✓	✓	✓
MME www.mme-journal.de	Original research in the entire field of polymeric materials, engineering, processing, etc.	✓	✓	✓	✓	✓

^{a)} Essays, Research News Articles, News Section, Conference Reports.

Authors in Japan please note: Wiley-Japan can provide authors in Japan with a list of recommended services to check and improve the English in their papers BEFORE SUBMISSION. Please contact Masayo Kobayashi in the Wiley-Japan Office by Fax: +81 (0)3 3556-9763 or E-mail: editorial@wiley.co.jp for more information, stating which Wiley-VCH journal you wish to submit to.

Please submit your manuscripts to any *Macromolecular* journal using our **Online Submission System** on the journal homepages (see journal domains in the table above). Accepted formats are MS Word/RTF, Postscript, and PDF (with fonts included). (La)TeX users please submit Postscript or PDF files. Authors will be asked to confirm the created/uploaded PDF file to complete their submission. An E-mail message then will inform them of the successful completion of their submission and the manuscript number.

The authors **must inform the editor** of any manuscripts submitted to, soon to be submitted to, or in press at other journals that have a bearing on the manuscript being submitted. All submissions and publication issues must be in keeping with the **Ethical Guidelines to Publication of Chemical Research** of the American Chemical Society.

Each contribution submitted to one of the *Macromolecular* journals will be sent to three independent referees. **Authors are encouraged to suggest suitable referees** (full names and affiliations including E-mail address). However, not exclusively those referees nominated by the authors will be contacted.

Color figures and suggestions for cover pictures or frontispieces are welcome, but part of the additional cost for color print must be paid by the author. Details will be provided during the acceptance procedure.

All accepted manuscripts are edited before printing to ensure scientific consistency, clarity of presentation, and uniformity of style.

The correspondence author will receive the **page proofs as a PDF file**.

These *Author Guidelines* are also available on the WWW (see journal domains in the table above).

2 Type of Contributions

2.1 Full Papers

Full Papers must be either of current general interest or of great significance to a more specialized readership. All contributions will be judged on the criteria of originality, quality and novelty. Papers that are suitable for consideration will then be sent to three independent referees. Based on the referees' recommendations, the editors will make a decision on whether to accept a contribution. Manuscripts must not have been published previously, except in the form of a preliminary Communication (reprint requested).

Details that could be of importance to the referees, but that are unlikely to be of interest to the reader, can be submitted as an enclosure for the referees. **Supporting Information** for readers (e.g., additional graphics, spectra, animated multimedia applications, etc.) not contained in the article itself may also be submitted (please clearly identify as such). If the article is accepted, this information will be made accessible on the WWW (see Section 3.7). Only articles that have already been published in a scientific journal should be cited. Copies of cited publications not yet available for the referees should be submitted along with the manuscript. Unpublished results and lectures should only be cited for exceptional reasons.

2.2 Communications

Communications are **brief reports** on experimental or theoretical studies in all branches of macromolecular science. Preliminary results might be presented, which will usually be followed up by a Full Paper. The results must be of great significance and contribute to the development or further development of an important area of research. A short text **justifying** why a preliminary communication should appear in the respective journal should be included. The paper should be written in such a way that the nonspecialist is able to recognize the significance of the findings, and no significant parts may already have appeared in print or electronic online systems (for example in reviews, proceedings or preprints). Contributions that do not satisfy these criteria will not be accepted for publication. As for Full Papers, Communications will be sent to three independent referees.

Inclusive of title page, text pages, all literature citations, footnotes, tables and legends to the figures/schemes, a Communication should **not exceed 12 pages (doubly spaced, 12 pt Times New Roman; not more than 3000 words in total)**; formulae and a maximum of 4 figures/schemes may also be added. Only in exceptional cases of highest urgency and scientific importance and when a **written justification** of their extended length is provided, will longer manuscripts be accepted.

To warrant short publication times the authors should submit **revised versions not later than a month** after receipt of the referee reports. The editors reserve the right to reject contributions submitted belatedly.

For additional information for referees, Supporting Information, citation of articles, etc., see Section 2.1.

2.3 Feature Articles/Reviews

Feature Articles and Reviews deal with topics of current interest in any area of macromolecular science. Rather than an assemblage of detailed information, a critically selected treatment of the material is desired; unsolved problems and possible developments should also be discussed.

Feature Articles should represent a high-level survey of a particular field of polymer science, meaning that the author's own work can be highlighted, but important contributions of others must be discussed and cited as well. Although literature coverage does not need to be exhaustive, interested readers should be able to follow up the topic by the cited, more specialized publications. A classical **Review** on the other hand should give a complete

literature survey over a certain period of time. Both Reviews and Feature Articles ought to meet all the criteria for reviewing (three independent referees) and most importantly, should be composed with the general perspective of the topic as the central thread.

Although Feature Articles and Reviews are generally written on invitation, unsolicited manuscripts are also welcome provided their contents are in keeping with the character of the journal. The first section of the article itself, the **Introduction**, should primarily introduce the nonspecialist to the subject in as clear a way as possible. A **biographical sketch** (200-300 words) and a **portrait photograph** (TIF or JPG file) of each author/co-author should be submitted together with the final version/production data.

2.4 Book Reviews

Book reviews and comments about software, websites, etc. are written on invitation. Suggestions regarding products to be reviewed and for reviewers are welcome. Publishers should send announcements, brochures or preferably products directly to the Editorial Office. Unsolicited books will not be returned.

2.5 Macromolecular News

News of the macromolecular community all over the world. Articles about, for example, people, projects, and market trends are welcome. Suggestions should be sent to the Editorial Office. The Editorial Office decides which articles will be published.

3 Manuscript Preparation

Authors are requested to take special care with the formal details of the manuscript. Either American or English spelling can be used as long as it is consistent throughout the text. Issues of the current year should be consulted. The following points are particularly important.

3.1 General Styling

Manuscripts should be typed with **double spacing** (12 pt Times New Roman; Greek letters in the character font Symbol).

Avoid using any special characters from non-standard, region-specific character fonts!

All pages including those containing the references, tables, and legends must be numbered consecutively.

A **short text for the Table of Contents** (at most, 5 lines) should be included as the *last* page and formulated to encourage readers to read the article. Repetition or a paraphrase of the title and presentation of experimental details should be avoided. Graphics (formulae, part of a figure) are generally advantageous.

Above the Summary up to five keywords should be given in alphabetical order. At least two of the keywords must be taken exactly as written from the list "Keywords Macro-Journals". This list is available on each of the journals' homepages (see table above), and on request directly from the Editorial Office.

The sequence of sections should be: title page, summary, text pages (Introduction, Experimental Part, Results and Discussion, Conclusion), Acknowledgement, collected references, captions to figures/schemes, followed by tables, figures, schemes, formulae, text for table of contents.

The title page should include:

- (i) The authors' names preceded by their full first names, with the name of the correspondence author marked by an asterisk (*),
- (ii) The full postal address of the institute or laboratory in which the work was carried out together with Fax number and E-mail address and, if appropriate, a footnote giving the authors' current addresses.

The text must be preceded by a summary, which contains all the important results and should not exceed 20 lines. The summary for **Communications** is limited to 70 words.

The title, headings and sub-headings are written in lower case with capitalized main words, which are nouns, pronouns, verbs, adjectives, adverbs, and subordinate conjunctions. There is no full stop at the end.

Please **do not use Italics** for Latin phrases or words unless in reference to biological genus, species names, e.g., *Arachis hypogaea*.

3.2 Experimental Part

The *Experimental Part* should contain only descriptions of experiments. It must be sufficiently clear to enable a repetition of the work. The source and purity of all relevant starting compounds should be mentioned. Methods used for sample characterization should also be described (apparatus, conditions, etc.).

The relevant literature should be cited for known methods and for the description of known compounds; only modifications should be described.

Results of elemental analyses should be reported as follows:

$(C_{33}H_{36}N_6O_4)_n$ (580.7)_n: Calcd. C 68.28, H 6.25, N 14.47; Found C 68.07, H 6.24, N 14.19.

Spectral data should be reported concisely as follows:

UV (methanol): λ_{\max} (ϵ) = 205 (2 300), 243 (1 800), 302 nm (1 200 L·mol⁻¹·cm⁻¹).

IR (KBr): 3 460 (s, OH), 3 240 (NH), 1 692 cm⁻¹ (vs, C=O).

MS (70 eV): m/z = 362 (M⁺), 344 (M⁺ - H₂O), 283 (M⁺ - 2 H₂O, - COCH₃).

¹H NMR (CDCl₃): δ = 7.50 (d, H⁶), 8.25—7.55 (m, phenyl and H⁷, H⁸ and H⁹), 8.88 (d, H⁵, $J_{5,6}$ = 7.2 Hz).

Optical rotation values: α (589.3 nm, 20 °C, sucrose, 10 g·dm⁻³ in H₂O, 10 cm) = + 66.470°.

Specific rotation: $[\alpha]_{589}^{20} = 2 \text{ deg}\cdot\text{dm}^{-1}\cdot\text{g}^{-1}\cdot\text{cm}^3$.

3.3 Formulae, Equations and Physical Quantities

Equations (both mathematical and chemical) must be numbered consecutively in parentheses at the end of the line.

Bold-faced Arabic numerals should be used for numbering structural formulae.

For the sake of clarity, products of units should be written with multiplication points. Symbols for physical quantities should be drawn in *Italics* and those for units in upright characters, e.g., $l = 2.4 \times 10^3 \text{ m}$, $\Delta H_f = 21 \text{ kJ}\cdot\text{mol}^{-1}$.

3.4 Tables, Figures, Schemes and Formulae

Tables are part of the text (see also Section 4), but each table must be given on a separate page together with a caption above it, which makes the table comprehensible without reference to the text. Footnotes to tables must be indicated consecutively (line by line) in superscript letters, e.g., ^{a)} ^{b)} etc. Please avoid using footnotes in the table caption.

It is highly recommended that tables are prepared with, e.g., the according Word functionality. Please do not format table columns using multiple spaces and avoid inserting tables into the text as graphical objects.

In the final manuscript version/production data (see Section 4) all figures, schemes and formulae should be submitted on separate pages/as separate data file(s) and not be integrated in the main text. All figures and schemes must be mentioned in the text in numerical order.

A uniform appearance of all the graphics is highly recommended. Lettering must be of sufficient size after sizing down to the final format.

3.5 References and Footnotes

References to literature must be numbered consecutively in the text and typed in square brackets as superscripts **after** any punctuation, e.g., ... as shown by Huglin.^[6]

References to more obscure journals and patents should be complemented by citation of the *Chemical Abstracts* reference.

Journals: [6] [6a] H. R. Kricheldorf, A. Stricker, *Macromol. Chem. Phys.* **1999**, *200*, 1726; [6b] H. Yoshioka, N. Koide, F. Higashide, *Kobunshi Ronbunshu* **1974**, *31*, 25; *Chem. Abstr.* **1975**, *82*, 32269 d.

Books: [23] G. Wegner, K. Müllen, “*Electronic Materials: The Oligomer Approach*”, 1st edition, Wiley-VCH, Weinheim 1998, p. 189.

Compilations: [26] R. E. Bareiss, “Polymolecularity Correction Factors”, in: *Polymer Handbook*, 3rd edition, J. Brandrup, E. H. Immergut, Eds., J. Wiley & Sons, New York 1989, p. VII/149 ff.

Patents: Country code (for abbreviations: see “CASSI”), number, registration year (in parentheses), holder, inventor(s); *Chem. Abstr.* reference:

[36] Ger. 838217 (1952), Farbenfabriken Bayer AG, invs.: W. Lehmann, H. Rinke; *Chem. Abstr.* **1957**, *51*, 14362 i.

Footnotes must be given on the respective page and cited ^{a)} ^{b)} ^{c)}, etc. Please note they should **not** be part of the reference section.

3.6 Abbreviations

Abbreviations/acronyms must be defined where they appear for the first time in the main text.

The following abbreviations should be used:

reference(s)	=	ref.
weight percent	=	wt.-%
volume percent	=	vol.-%
mole percent	=	mol.-%

Figures, tables, schemes and equations must appear as, e.g.,

Figure 1
Table 15
Scheme 2 and 3
Equation (5)-(9)

(always singular !).

3.7 Supporting Information

Succinct text and the necessary graphics must be submitted together with the final version/production data as **one** separate MS Word document file. The file should include the following: A title "Supporting Information for ...", the names of all authors and the respective *Macromolecular* journal. Please note that here the graphics must be imported into the Word file. Color and animated multimedia applications are also welcome. The authors must keep a copy to make available to readers who do not have access to the WWW.

4 Electronic Data Processing – Final Version – Production Data

Please note that the production data, to be used for editing, must be formatted differently from the manuscript version used for Online Submission/Refereeing!

The final document must be kept as simple as possible. Please avoid any complex formatting, avoid unnecessarily using the formula editor of your word-processing system, and avoid using automatic endnotes, enumerations or listings as far as possible. Tables are edited in the text and should therefore be part of the main text document and placed at the end. On the other hand, formulae, figures and schemes should be saved in separate files.

The production data files should be prepared as follows:

- (i) Title page, text pages, references, tables and captions to figures/schemes must be saved as **one file** in, e.g., Word or (LA)TE χ format as well as in an interchangeable format such as RTF.
- (ii) Figures (especially half-tone or gray-scale images) must be stored as TIF or JPG files. If the files are too big for E-mail transmission/upload, please provide us with a DOS-formatted CD-ROM.

Files for Figures must have a resolution of at least 300 dpi (final print size).

Further details will be provided during the acceptance procedure.

5 Recommendations on Nomenclature and Terminology

Authors are urged to adhere to the recommendations of the International Union of Pure and Applied Chemistry (IUPAC) regarding use of nomenclature and terminology in their manuscripts. Some pertinent publications are listed below:

"Compendium of Chemical Terminology (IUPAC Recommendations)", Blackwell Scientific Publ., Oxford 1987

"Compendium of Macromolecular Nomenclature", Blackwell Scientific Publ., Oxford 1991

"Nomenclature of Inorganic Chemistry (Recommendations 1990)", Blackwell Scientific Publ., Oxford 1991

"Nomenclature of Organic Chemistry, Sect. A, B, C, D, E, F and H (1979 Edition)", Pergamon Press, Oxford 1990

"A Guide to IUPAC Nomenclature of Organic Compounds (Recomm. 1993)", Blackwell Scientific Publ., Oxford 1993

"IUPAC Quantities, Units and Symbols in Physical Chemistry", Blackwell Scientific Publ., Oxford 1988

"Biochemical Nomenclature and Related Documents", 2nd ed., Portland Press Ltd., London and Chapel Hill 1992

Online IUPAC information (free access !):

www.iupac.org/publications/books/author/metanomski.html

www.iupac.org/reports/IV/guide.html

We look forward to the submission of your manuscript!