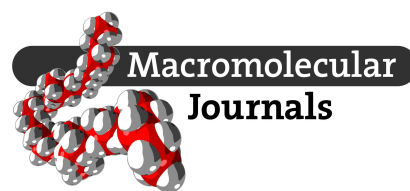


Macromolecular Chemistry and Physics (MCP)
Macromolecular Rapid Communications (MRC)
Macromolecular Bioscience (MBS)
Macromolecular Theory and Simulations (MTS)
Macromolecular Materials and Engineering (MME)
Macromolecular Reaction Engineering (MRE)



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Author Guidelines 2009 (as of August 5, 2009)

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 types of contributions, please refer to the following table.

Journal and Homepage	Topics	Feature Articles/ Reviews	Full Papers	Communi-cations	High-lights	Talents & Trends	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, processing, etc.	✓	✓	✓			✓
MRE www.mre-journal.de	Original research in the entire field of polymer reaction engineering	✓	✓	✓			✓

^{a)} Essays, Macromolecular News, Book Reviews, Conference Reports.

The Author Guidelines for *Macromolecular Symposia* can be found at <http://www.ms-journal.de>

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 refer to the following site for further details: <http://www.wiley.co.jp/journals/editcontribute/editervlist.html>

Manuscript Submission: Please submit your manuscripts to any *Macromolecular* Journal using our online submission system **manuscriptXpress** on the journal homepages (see journal domains given above). The submission must consist of a single file; 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 are encouraged to state in the cover letter the reasons why the manuscript should be considered for publication in the *Macromolecular* Journals. If applicable, authors should **inform the editor of existing referee reports** that are related to the present submission and send their reply to the referees. 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 for Scientific Publication** (ACS, EuCheMS, etc.).

Contributions of sufficient interest to the readers of the *Macromolecular* Journals will be sent to independent referees. Authors are encouraged to **suggest suitable referees** (full names and affiliations including E-mail address).

Color graphics 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 Internet (see journal domains given above).

2 Types 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 considered suitable 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 (details 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 in the Internet (see Section 3.7). Only articles that have already been published in a scientific journal should be cited. A PDF file of cited publications not yet available for the referees should be sent by E-mail to the Editorial Office. 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 in the cover letter. The paper must be written in such a way that the non-specialist is able to recognize the significance of the findings, and all significant parts **must not** 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, only Communications that are judged to be of sufficient interest to the readership 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 (double spacing, 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 authors must submit **revised versions not later than one 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 should focus on a specific area of polymer science, without being as exhaustive as a Review. The author's own work can be highlighted. However, important contributions of others must be cited and also briefly

discussed, so that non-specialist readers can get a general idea of the field. An outlook describing new challenges should be given at the end of the manuscript. **Reviews** on the other hand should describe topics of more general interest and give a more complete literature survey over a certain period of time. Most importantly, Feature Articles and Reviews should be critically written, i.e., rather than an assemblage of detailed information, a critical selection and treatment of the material is desired; unsolved problems and possible developments should also be discussed.

Although Reviews and Feature Articles 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 non-specialist to the subject in as clear a way as possible. A **biographical sketch** (200-300 words) and a **portrait photograph** (JPG or TIF file) of each author/co-author must be submitted together with the final version/production data.

2.4 Highlights/Talents & Trends

Highlights describe new breakthrough research results in all field of macromolecular science. Generally written by a third person upon invitation by the editors, they are meant to feature important recently published papers and instruct non-specialist readers on their significance. Highlights should be concisely written, avoiding comprehensive details, and must not exceed 5 manuscript pages in length. A maximum of 4 figures may be added. They should also contain a Summary, a short text and graphic for the Table of Contents, and a maximum of 5 keywords.

Talents aim to feature new ideas developed by outstanding young scientists and their research work. Written by senior scientists, **Trends** aim to highlight important contemporary developments and new directions in all fields of polymer science. Talents & Trends are generally written upon invitation by the editor, however unsolicited contributions are also welcome. They should be clearly written avoiding experimental details and unpublished research results and should not be longer than 10 manuscript pages. Inclusion of some figures and/or graphics is encouraged. They should include a Summary, and a text and a graphic for the Table of Contents. The author biography and photo should be also provided.

2.5 Essays

Essays freely address various topics related to polymer science and its community. They may for instance feature scientists who have significantly contributed to the development of macromolecular science or discoveries that have set mile stones in the history of polymer science. They may also highlight important polymer research institutes and their main achievements or report on important collaborations between industry and academia. Essays should not be longer than 10 manuscript pages, inclusion of some figures is encouraged. Author biography and photo should be also provided.

2.6 Book Reviews

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

2.7 Macromolecular News

News of the macromolecular community all over the world are published. Articles about, for example, people, societies, projects, companies, research institutes and market trends are welcome. Use of one or two graphics is encouraged.

3 Manuscript Preparation

Authors are requested to take special care with the formal details of the manuscript; a manuscript template is available online. Either American or British spelling can be used as long as it is consistent throughout the text. 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.

The sequence of sections should be: title page, keywords, summary, text pages (Introduction, Experimental Part, Results and Discussion, Conclusion, Appendices, Acknowledgements, collected references, captions to figures/schemes), tables, figures, schemes, formulas (if not part of the main text), and text for Table of Contents.

The title page should include:

- (i) The manuscript title, a possible dedication, and the author names including their **full first name**, with the name(s) of the correspondence author(s) marked by an asterisk (*),
- (ii) The affiliations should contain the full postal address of the institute or laboratory in which the work was carried out together with E-mail address of the corresponding author and FAX number. If applicable, the current addresses of authors can be given as a separate entry.

The manuscript must contain a **text for the ‘Table of Contents’** of the issue, not to be mixed-up with the Summary. Please include a short text (at most, 400 characters) as the last page of the manuscript. The text should be formulated to evoke interest in your article. Repetition or a paraphrase of the title, or the Summary, and presentation of experimental details should be avoided. Along with the text, a **graphic for the ‘Table of Contents’** should be also included. The graphic should be “eye-catching”, as it is meant to attract the readers’ attention and can be printed in color free of any charge (in contrast to all other graphic items, including the graphic for the Summary mentioned below). It could be a formula, or figure, or part of a figure of your manuscript - or a newly created figure based on the content of the article. The graphic should be of sufficient resolution and prepared to fit the final reproduction size at either 5.5 cm wide by 5.0 cm high or 11.0 cm wide by 2.0 cm high, and no additional figure caption. If applicable, please ensure an appropriate lettering size and avoid unnecessary details or too small items within the graphic.

The text must be preceded by an Abstract, which contains all the important results and should not exceed 700 characters. An “eye-catching” **graphic for the Abstract** should be included that could be the same as for the ‘Table of Contents’; however, color reproduction for this item will be charged. 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 journal homepages (see journal domains given above), and on request directly from the Editorial Office.

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 or other special phrases or words unless in reference to biological genus or species names, e.g., ‘*Arachis hypogaea*’ but ‘ab initio’.

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:

(C₃₃H₃₆N₆O₄)_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): $\lambda_{\max}(\epsilon) = 205 (2\ 300), 243 (1\ 800), 302\ \text{nm} (1\ 200\ \text{L} \cdot \text{mol}^{-1} \cdot \text{cm}^{-1})$.

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

MS (70 eV): $m/z = 362 (M^+), 344 (M^+ - H_2O), 283 (M^+ - 2 H_2O, - COCH_3)$.

¹H NMR (CDCl₃): $\delta = 7.50 (d, H^6), 8.25-7.55 (m, \text{phenyl and } H^7, H^8 \text{ and } H^9), 8.88 (d, H^5, J_{5,6} = 7.2\ \text{Hz})$.

Optical rotation values: $\alpha (589.3\ \text{nm}, 20\ ^\circ\text{C}, \text{sucrose}, 10\ \text{g} \cdot \text{dm}^{-3} \text{ in } H_2O, 10\ \text{cm}) = + 66.470\ ^\circ$.

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

3.3 Mathematical and Chemical Equations and Physical Quantities

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

Bold Arabic numerals should be used for numbering structural formulae.

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

All Equations should appear within the main text except when they contain graphical elements (cf. 3.4 Tables, Figures, Schemes and Formulas). However, their location in the main text must be mentioned.

3.4 Tables, Figures, Schemes and Formulas

Tables are part of the text (see also Section 4), but must be given on separate pages together with a caption above them, which make the tables 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 function. 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, formulas and equations containing graphical elements (but not mathematical ones!) should be submitted as separate data file(s) and not be integrated in the main text. However, their location in the text must be indicated in numerical order.

A uniform appearance of all the graphics is highly recommended. Lettering and graphic elements must be of sufficient size to ensure readability after reduction to the final publication 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 **must not** be used within the summary. 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 in the text as ^{a b c}, etc. Please note they **must 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 Internet.

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!

To guarantee short publication times, authors must submit their production data not later than five days after receipt of the acceptance E-mail!

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, formulas, figures and schemes should be saved in separate files.

The production data files should be prepared as follows:

- (i) Title page, text pages, references, captions to figures/schemes, and tables must be saved as **one file** in, e.g., Word or (L)A^TE_X format.
- (ii) Graphics must be stored as JPG, TIF, or EPS files. If separate graphic files of sufficient resolution cannot be generated, the graphics should be provided as part of a Word document. If the files are too big for E-mail transmission or Internet upload, please contact us.

All files for graphics must be of sufficient quality and resolution at the 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, Oxford 1997;

“*Compendium of Macromolecular Nomenclature*”, Blackwell Scientific, Oxford 1991;

“*Nomenclature of Inorganic Chemistry 1, Recommendations 2000*”, Royal Society of Chemistry, Cambridge 2000;

“*Nomenclature of Organic Chemistry, Sect. A-F and H*”, Pergamon Press, Oxford 1979;

“*A Guide to IUPAC Nomenclature of Organic Compounds*”, Blackwell Scientific, Oxford 1993;

“*Quantities, Units and Symbols in Physical Chemistry*”, Blackwell Scientific, Oxford 1993;

“*Biochemical Nomenclature and Related Documents*”, Portland Press, London and Chapel Hill 1992;

“*Compendium of Analytical Nomenclature*”, Blackwell Scientific, Oxford 1998

Online IUPAC information (free access):

<http://www.iupac.org/publications/books/author/metanomski.html>

<http://www.iupac.org/reports/IV/guide.html>

We look forward to the submission of your manuscript!