Paper Title (English and Croatian)

1st author,a\* 2nd author,b 3rd author,a 4th author,b and 5th authorc

aFirst and third authors' organisation/company, country

bSecond and Fourth authors' organisation/company, country

cFifth author organisation/company, country

\*Corresponding author: Name and surname, degree, e-mail address

Abstract (English and Croatian)

The paper must be preceded by an abstract in which the author briefly describes the aim of the work, the methodology and the obtained results. The length of the summary can be between 200 and 250 words.

**Key words:** the author must formulate 5 to 7 key words that describe main points of the paper

Sažetak

Radu mora prethoditi sažetak u kojemu autor ukratko opisuje cilj rada, metodologiju i dobivene rezultate. Duljina sažetka može biti između 200 i 250 riječi.

**Ključne riječi:** autor treba navesti 5 – 7 ključnih riječi kojima se opisuju glavne točke rada

A **Graphical Abstract** (min. 300 dpi, max 7 cm x 13 cm) is a single, concise, pictorial and visual summary of the main findings of the article. The Graphical Abstract should capture the reader's attention and, in conjunction with the manuscript title, should give the reader a quick visual impression of the essence of the paper. This could either be the concluding figure from the article or a figure that is specially designed for the purpose, which captures the content of the article for readers at a single glance.

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1 Introduction

The manuscript should be divided into the following sections:

* *Abstract*
* *Introduction*
* *Experimental*
* *Results and Discussion*
* *Conclusion*
* *List of Symbols and Abbreviations*
* *References*

Text must be prepared in this template (**A4 paper** format with **25 mm margins** in 12 pt Times New Roman font, with **1.5 line spacing**). It should be positioned in one column and aligned to both the left and right margins (justified). This format is suitable for the reviewer or language editor notes. Chapter headings should be aligned to the left and formatted in 12 pt Times New Roman bold.

Manuscripts including all appendixes should be submitted to the Scientific board. Documents should be prepared using Microsoft Word file format (.doc or .docx) and submitted in digital form *via* e-mail: hdki-skupovi@hdki.hr.

***Note****: After you have sent the paper, you must receive feedback from the secretary within two working days that he/she has received your paper.*

1.1 Second Level Heading (12 pt Times New Roman bold italic)

Titles of subsections should be written in ***12 pt Times New Roman bold italic***, while 12 pt Times New Roman should be used for other text.

2 Experimental

Mathematical formulas and equations

All equations must be clearly set. When referring to equations in the text, the equation number should be preceded by the word ‘Eq.’ or ‘Eqs,’, while the equation number should be put in parentheses, *i.e.* Eq. (1). Equations should be numbered simply (1), (2), *etc.* Do not set them in bold type. Please ensure that subscripts and superscripts are clearly legible. Equations should be placed in separate paragraphs.

|  |  |
| --- | --- |
|  | (1) |

Explanation of the marks used in the equation should be given after the equation.

When referring to equations, enclose the numbers in parentheses and precede them with “Eq.” or “Eqs.”. Put an unbreakable space between “Eq.” and the number. For example, you can refer to Eq. (1).

Tables

Tables must be set as a part of the text, but smaller font sizes may be used (10 pt), providing they are clearly legible, to enable the table to fit the space. All tables should be aligned to the left and must have a caption that should be placed immediately above the table. Large tables may be set landscape, *i.e.* sideways on the page, reading up. Title of the table and text in the table must be written in English and Croatian and word “Table No. / Tablica br.” in *italic*.

*Table 1 –* Title of table

*Tablica 1 –* Naziv tablice

|  |  |  |
| --- | --- | --- |
| ComponentsKomponente | B20 | B10 |
| hydrocarbons CH, %ugljikovodici CH, % | −11.09 | −56.3 |
| solid particles, %krute čestice, % | −18.0 | −55.4 |
| CO, % | −13 | −43 |
| CO2, % | −16 | −78 |

When referring to tables, precede the number with the word “Table”. Put an unbreakable space between “Table” and the number. For example, you can refer to Table 1.

2.3 Figures, photographs, illustrations, diagrams

Figures (drawings, charts, photographs, *etc.*) can be black-and-white or in colour, and may be in JPG, TIFF or BMP file format, with a resolution of 300 dpi. Vector graphics should be converted to a popular vector format (wmf, emf, svg), or to JPG, TIFF or BMP raster format, with size fitted to article format. Photographs, if any, should be prepared in adequate resolution (300 dpi) and centrally positioned. Every figure should be numbered, titled and positioned in the paper, but also submitted separately. All figures must be given sequential numbers (1, 2, 3, *etc.*) and have a caption placed below the figure. Title of the figure and text in the figure must be written in English and Croatian and word “Fig. No. / Slika br.” in *italic*.



*Fig. 1* – Title of figure

*Slika 1* – Naziv slike

It is preferable that the images/photos/diagrams have the width of up to 86 mm (width of one column in the journal) or up to 177 mm (width of two columns in the journal). The font size inside those formatted images/photos/diagrams should be 9 pt.

When referring to figures, precede the number with “Fig.”. Put an unbreakable space between “Fig.” and the number. For example, you can refer to Fig. 1.

3 Results and discussion

Scientific papers must be original and still unpublished contributions, and should not simultaneously be offered to another journal, congress, conference *etc*. The author is responsible for the information presented in the paper and for obtaining any approvals that may be needed for publication of individual pieces of information. The author is required to propose category (professional paper or scientific) and three reviewers for the paper submitted, but the final decision rests with the Scientific Board.

Authors can submit papers in Croatian or English. The Scientific Board makes decision on the acceptance and categorization of papers, based on opinion expressed by reviewers.

3.1 Length of papers

Manuscripts (together with the figures and images) ***should not exceed 10–15 typed pages*** (two images roughly correspond to one page). Papers must be produced electronically and be PC compatible. Also, papers must be prepared using the templates and submitted both in their original file format as DOC (MS Word) files.

3.2 Nomenclature and units

Nomenclature and terminology from the field of chemistry and chemical engineering should comply with international rules.

4 Conclusion

The results described in the paper, and the effectiveness of the method used, should be stated in conclusion. Any limitations regarding the possibility and scope of use of the results should also be indicated. The Conclusion section should not contain text repeated from previous sections, but should be derived from interpretation of the results and their comparison with existing major insights in the relevant field.

ACKNOWLEDGEMENTS

A short acknowledgement section can be written between the conclusion and the references. Sponsorship and financial support acknowledgments should be included here. Acknowledging the contributions of other colleagues who are not included in the authorship of this paper is also added in this section.

List of symbols and abbreviations / Popis kratica i simbola

In addition to the summary, the authors should provide a list of used abbreviations and symbols (in English and Croatian), brought into line with international recommendations (*e.g.* IUPAC, IUPAP, ISO).

References

The reference heading should not be numbered. The reference used by the author must be presented at the end of the paper: the reference must not be cited in footnotes. The reference must be presented in chronological order, in the order it is referred to in the text. For citations in the text, please use exponent and numbers:1,2. Name of the authors cited in text should be in *italic* (*e.g.* *P. Kittilsen et al.*1), journal volume in **bold**, and DOI numbers (if available) are mandatory. The citation numbers should be placed after punctuation marks (for example: … formatting.1 Letter,2 …). The first citation in the text should correspond to the first name on the reference list. Formatting instructions for individual reference types are given below:

**Journal citation example**:

1. *P. Kittilsen, H. F. Svendsen*, Three-level mass-transfer model for the heterogeneous polymerization of olefins, J. Appl. Polym. Sci. **91** (2004) 2158–2167, doi: <https://doi.org/10.1002/app.13338>.

**Patent citation example**:

1. *J. Ehrenfreund* (Ciba Geigy A.-G.), Eur. Pat. Appl. 22748, 21 Jan 1981; C. A. **95** (1981) 7078b.

**Book citation example**:

1. *W. Mehl, J. M. Hale*, Insulator Reactions, u P. Delahay and C. W. Tobias (ur.), Advances in Electrochemistry and Electrochemical Engineering. Vol. 6, Interscience Publ., New York, 1967, str. 399–458.

**Internet citation example**:

1. URL: <http://www.oreillynet.com/pub/a/oreilly/tim/news/2005/09/30/what-is-web-20.html?page=1> (29. 2. 2009.)