

Organic Communications

A scientific open access journal in the field of synthetic organic chemistry and polymers.

Volume: 15 Year: 2022 Issue: 4 October-December



A C G

Publications

EISSN:1307-6175

Editor-in chief

Editor-in-Chief **Hasan Seçen**

Review Article and Book Review Editor **Turan Ozturk**

Synthetic Polymer Section Editor **Mehmet S. Eroglu**

Co-Editor-in-Chief **Ahmet C Goren**

Editors

Siméon **Arseniyadis**

Erkan **Baloğlu**

Necdet **Coşkun**

Mehmet Sayip **Eroglu**

Ahmet C. **Gören**

Sarkar M. A. **Kawsar**

Fuk Yee **Kwong**

Nurettin **Mengeş**

Clovis **Peppe**

Pu **Shouzhi**

Yavuz **Taşkesenligil**

Wolfgang **Voelter (2007-2020)**

Adi **Wolfson**

Levent **Artok**

Udo H. **Brinker**

Arif **Daştan**

Timothy C **Gallagher**

İlhami **Gülçin**

Sambasivarao **Kotha**

Peter **Langer**

Turan **Ozturk**

Brindaban C. **Ranu**

Cihangir **Tanyeli**

Ravi **Varala**

John **Warren**

Nurettin **Yaylı**

Language Editors

Turan **Ozturk**

Zeynep **Sadak**

Abstracting & Indexing

Organic Communications is abstracted and indexed in: Chemical Abstracts Service, EBSCOhost, ProQuest, Google Scholar, Index Copernicus, CrossRef, SCOPUS, ESCI Web of Science by Clarivate Analytics (formerly Thomson Reuters), *i*-Journals; *i*-Focus.

Publisher

ACG Yayıncılık Basın Yayın Sanayi ve Ticaret Limited Şirketi

Yenikent Mahallesi, Fırat Caddesi, 1/3, Gebze, Kocaeli, İstanbul, Türkiye
+90 850 305 05 72 - www.acgpubs.org - info@acgpubs.org

2022© ACG Publications. All Rights Reserved

Instruction For Authors

Preparation of Manuscripts

Manuscripts should be prepared in English using a word processor.

Authors **must** use double spaced text and Citations in the text by using the following rules. All graphics and Tables can be integrated into the manuscript where the author wishes to place them. Requested supporting information must be prepared as shown in the [supplementary material](#).

Review Articles are critically evaluated on the specific area in organic synthesis and synthetic polymers. If you would like to contribute to the journal with a review article, the authors must initially contact to [Professor Turan Ozturk](#), as such articles are normally invited. **Authors submitting review articles should include a passport-sized photograph and a short biography in the manuscript.**

Original Articles are manuscripts describing new synthesis strategies and developments in organic synthesis and synthetic polymers. The synthesis of nano materials and their properties and application reports are also welcome to the journal. These manuscripts should reflect completed investigations rather than fragmentary parts of a larger study. In order to reduce manuscript length, specific experimental details, NMR and [HRMS \(please check for the sample\)](#) spectra should be made available as [supplementary material](#) from the corresponding author for the novel compounds, at least one representative for each molecule group.

Authors are **must** follow the subtitles for the preparation of manuscripts of Original Articles.

1. Introduction
 2. Experimental
 3. Results and Discussion
 4. Conclusion
- Acknowledgements/Supporting Informations
References.

Communications (1-6 pages) and Short Communications (1-4 pages) are suitable for reporting the urgent results of the large study, synthesis of a limited amount of novel compounds with known methodology and any important biological activity/application reports. Manuscripts describing routine synthesis of limited amounts of analogs without any biological assessment or application are generally not acceptable. Communications should be kept to a maximum of eight pages, including references. In order to reduce manuscript length, specific experimental details and NMR and [HRMS \(please check for the sample\)](#) spectra must be made available as [supplementary material](#) from the corresponding author for new compounds.

Authors are **must** use the following subtitles for the preparation of manuscripts Communication and Short Communications.

1. Introduction
 2. Background
 3. Experimental
 4. Present Study
 5. Conclusion
- Acknowledgements/Supporting Informations
References

Special Issues and Book reviews are collections of articles on the specific topics in areas related to synthetic organic chemistry. Authors for the special topics must apply to review editor [Professor Turan Ozturk](#).

Video Paper; Organic Communicaitons is pleased to publish video recordings of articles published by its authors. Please prepare 2-4 minute videos in English, including the key points of your work, introduction, experimental, results, discussion, and conclusion sections, and upload them to the supplementary materials section. Please ensure that the visuals are clear, legible, and of high quality. Please also upload a transcript of the speech along with the video. The video and audio will be professionally edited by our team and presented to you in the final printing stage. Authors can choose to have their work presented in their own voices or in the voices of ACG Publications professionals.

As the manuscript language is English, any author who is not fluent enough in English is encouraged to consult a fluent colleague or a paid editing service for the preparation of the manuscripts. Manuscripts having language deficiencies, i.e. grammar, fluency, etc., create heavy problems during the review process. Such manuscripts might be returned to the authors for correcting the language deficiencies.

Novelty statements of submitted manuscript must be provided as MS word file item by item. The maximum item should be 6 for the novelty statement.

A graphical abstract must be provided during submission. The dimensions of the graphical abstract must be 6.5 cm (h) x 12.5 cm (l). Please do not use the portrait version of graphical abstract. The graphical abstract must briefly show the contents of the abstract. Only structure of compound or picture of species not allowed for the graphical abstract.

Manuscripts submitted to ACG publications are routinely screened by a software to check the originality of the submitted articles. It should be noted that ACG publications are committed to deterring plagiarism and self-

plagiarism. A plagiarism report must be uploaded during submission of manuscript.

Title of the manuscript should be as brief as possible and typed to the template file with affiliation and addresses of all the authors, including corresponding author with an asterisk. **ORCID**  of all authors should be added as shown in the template of manuscripts. The e-mail address, phone and fax numbers of the corresponding author should be provided as a footnote on the title page. Abstracts of all kinds of submissions should be prepared with a maximum 200 words.

Authors must adhere to [SI units](#). When using a word which is or is asserted to be a proprietary term or trade mark authors must use the symbol ® or TM or alternatively a footnote can be inserted using the wording below:

References must be given as:

Periodicals: (i) Surname(s) and Initial(s) of author(s) (authors separated by comma), (ii) Title(s) of article, (iii) Year of publication in bold, (iv) Title of the periodical of journals and in italics, (v) Volume number in italics, (vi) Page numbers (first and last pages) (vii) doi numbers of the article (if available). References must be given as superscript with arabic numerals in the text.

[1] Deeks, S.G., Overbaugh, J., Phillips, A. & Buchbinder, S. (2015). HIV infection. *Nature Reviews Disease Primers*, *1*(1), 1-22.

[2] Bagashev, A. & Sawaya, B.E. (2013). Roles and functions of HIV-1 Tat protein in the CNS: an overview. *Virology Journal*, *10*(1), 1-20.

Book, section of a book, encyclopedia or thesis: (i) Surname(s) and Initial(s) of author(s) (authors separated by semicolons), (ii) Title of chapter (iii) Title of publication (in italics), (iv) Name of the editor(s) (if applicable), (v) Name of publisher and place of publication, (vi) Year of publication.

Balci, M. *Basic 1H- and 13C-NMR Spectroscopy*, Elsevier, Amsterdam, 2005.

Brunet, J. J.; Neibecker, D. Catalytic hydroamination of unsaturated carbon-carbon bonds. In *Catalytic Heterofunctionalization*, Togai, A.; Grutmacher, H.; Eds; Wiley-VCH, Weinheim, 2001.

If a reference has more than 10 authors please use et al. after the 10th author of the reference

ATTENTION

The number of authors of the reference is more than 10, names should be written up to the 10th author, and et.al should be written thereafter. When there are 10 authors or less, all authors should be written as shown in the example. While the issue number is written in italic, the parentheses should not be written in italic.

Warning: The most common mistakes for the References: Writing format of author names, not writing the reference name in lowercase letters, journal names should not be written in their abbreviated form and with a period after the abbreviation. Please put a period after the abbreviations in the article name. If the journal name consists of a single word, please do not put a period at the end.

Plagiarism Check and Ethics

Any manuscript submitted, soon to be submitted or in press at any other journal will not be considered by Organic Communications, and it is authors responsibility to inform the Editor of Organic Communication if such event exists. If the submitted manuscript is a revised version of a previously rejected OC, the authors must indicate previous submission in their cover letter and explain the reason/changes that they made in the revised one.

The *Ethical Guidelines for Publication in Journals and Reviews* issued by the [European Association of Chemical and Molecular Sciences](#) are applied by Organic Communications. Authors of all the manuscripts submitted to OC automatically accept the guidelines given in the [Ethical Guidelines for Publication in Journals and Reviews](#) and the authors have to provide the ethical board approval document informations (the number and date and ethical board name of ethical approval) in the main text of manuscript and related data should be available in supporting information file of manuscript, if necessary or requested by the editorial office. The following studies strongly need ethical board approval eg. any of in vivo studies on any animal and human body, studies of endangered species in nature, information about the people including any kind of survey data etc. For detail please see the COPE guidelines.

Authors are encouraged to attach an authenticated report during the submission to make sure that there is no plagiarism problem. Manuscripts submitted to OC publications are routinely screened by a software to check the originality of the submitted articles. It should be noted that OC publications are committed to deterring plagiarism and self-plagiarism

ACG Publications journals use iThenticate  software to check the originality of submitted manuscripts for plagiarism. If a duplication is detected by the editorial office and reviewers, the manuscript will directly be rejected. If the authors use the same sentences of their or another author's previous work with citation without quotation mark, it will still be considered as self-plagiarism and plagiarism, respectively. Organic Communication has the right of removing any article published in OC, and

banning the authors submitting their studies in future if any ethical violation is identified.

Copyright

It is a condition of publication that authors vest or license copyright in their articles, including abstracts, in ACG Publications. This enables us to ensure full copyright protection and to disseminate the article, and the Journal, to the widest possible readership in electronic formats as appropriate. Authors must accept the articles published in the journal for free all around the world. To read and download published papers is free for scientific purposes.



Supplementary Material

Supplementary materials could be sent together with manuscript submission such as spectra, video, Picture etc.

Publication Fee

APC of Organic Communications

The authors are charged a fee for English language corrections and/or journal format corrections requested by the authors or editorial team. These services are not considered within the free publication criteria of related journals of ACG PUBLICATIONS.

All articles in Organic Communications (ISSN 1307-675) are published in full open access. ♦ Authors are asked to pay an article processing charge (APC) of per processed paper given below.

Current publication fees for the different kinds of articles are given below

urrent publication fees for the different kinds of articles are given below***

Authors who have published in the journal in the last 5 years are entitled to a full or partial waiver based on their publication count. To learn about your discount eligibility, please email info@acgps.org before submitting your article.

Article Type	Number of Pages	Publication fee
Review Article	1-6	1000 USD
Book Reviews	1-2	300 USD
Original Articles	1-6	750 USD
Short Reports	1-6	700 USD

% VAT is included for foreign authors, bank commission should be applied to payments. No per-page publication fee will be charged for articles up to six (6) pages in the final edition. However, for articles exceeding six pages, a per-page fee of \$10 must be paid separately by the authors.

**No submission fee applied by ACG Publications journal. APC is only applicable for the accepted articles.

***While the fees given in the table above are valid for articles up to 6 pages, a fee of **10 USD** is requested from authors for each page after 6 pages

% VAT is included for foreign authors, bank commission should be applied to payments. No per-page publication fee will be charged for articles up to six (6) pages in the final edition. However, for articles exceeding six pages, a per-page fee of \$10

must be paid separately by the authors.

****No submission fee applied by ACG Publications journal. APC is only applicable for the accepted articles.**

*****While the fees given in the table above are valid for articles up to 6 pages, a fee of 10 USD is requested from authors for each page after 6 pages**

Withdrawal of a Manuscript : If you intend to withdraw your manuscript after it has been peer reviewed, or after it has been typeset, but not yet published, you will be asked to pay according to the following:

For peer review: 450 USD per article

For Accepted and typesetting: Editorial service fee of the article type must be paid by the authors. See above Table.

Considering the primary aim of JCM, waivers are available for the authors who are from the least developed countries.. To apply to those options, the corresponding author and 80 % of the authors of the concerned manuscript must be from those countries and the study must be conducted in the least developed countries. Please visit the page concerning the list of these countries; <https://www.un.org/development/desa/dpad/least-developed-country-category/ldcs-at-a-glance.html> . If you have any difficulties about this issue please contact the editorial office. APC only available for accepted articles in ACG Journals and no fee required during the submission of manuscript.

Proof Corrections

The proof corrections must be done carefully by the authors. When proof corrections are returned to Journal further corrections are not allowed.

Erratum or Publisher Correction. Notification of an important error made by the journal that affects the publication record or the scientific integrity of the paper, or the reputation of the authors or of the journal.

Corrigendum or Author Correction. Notification of an important error made by the author(s) that affects the publication record or the scientific integrity of the paper, or the reputation of the authors or the journal.

Retraction. Notification of invalid results that affect the reliability of a previously published article. The original article is marked as retracted but remains available to readers, and the retraction statement notifying readers of the invalidity of the published paper is bi-directionally linked to the original published paper.

Addendum. Notification of additional information about a paper. Addenda are published when the editors decide that the addendum is crucial to the reader's understanding of a significant part of the published contribution. Addenda include Editorial Expression of Concern, which is an editorial statement alerting our readership to serious concerns with the published paper. Editorial Expressions of Concern are typically updated with another amendment once further information is available. The editors may request additional information after publication of the article from the authors and it can be available on the page of the article.

Peer Review Policy

All published research articles in Organic Communications have undergone rigorous single blind peer review, based on initial editor screening and anonymized refereeing by expert referees.

Contents

Review Article

Nataliya Korol, Dzhosiya Molnar-babilya, Mikhailo Slivka and Mikhajlo Onysko

[A brief review on heterocyclic compounds with promising antifungal activity against Candida species](#) - p.304-323

Original Article

Ercan Çinar and Giray Topal

[Syntheses of some hydrazones derived from 2-\(aryloyloxy\) benzaldehydes and 2,4-dinitrophenylhydrazine and evaluation of their anticholinesterase and antioxidant activities](#) - p.324-332

Original Article

Doğukan Doyduk and Yılmaz Yıldırım

[Synthesis of some 2-alkyl-5-\(4-vinylphenyl\)-2H-tetrazole compounds via the Wittig reaction and investigation by X-ray crystallography](#) - p.333-345

Original Article

Hakan Bildirir

[Post-synthetic sulfonation of a diphenylanthracene based porous aromatic framework](#) - p.346-355

Original Article

İlker Demirbolat, Necla Kulabaş, Merve Gürboğa, Özlem Bingöl Özakpınar, Gamze Çiftçi, Kemal Yelekçi, Jianyang Liu, Per-Johan Jakobsson, Özkan Daniş, Ayşe Ogan and İlkey Küçükgülzel

[Synthesis and evaluation of antiproliferative and mPGES-1 inhibitory activities of novel carvacrol-triazole conjugates](#) - p.356-377

Communication

Kokane Balaji Digambar, Ravi Varala and Venkata Adilakshmi Gaddaguti

[Zn\(OAc\)₂·2H₂O: An efficient catalyst for the one-pot synthesis of 2-substituted benzothiazoles](#) - p.378-385