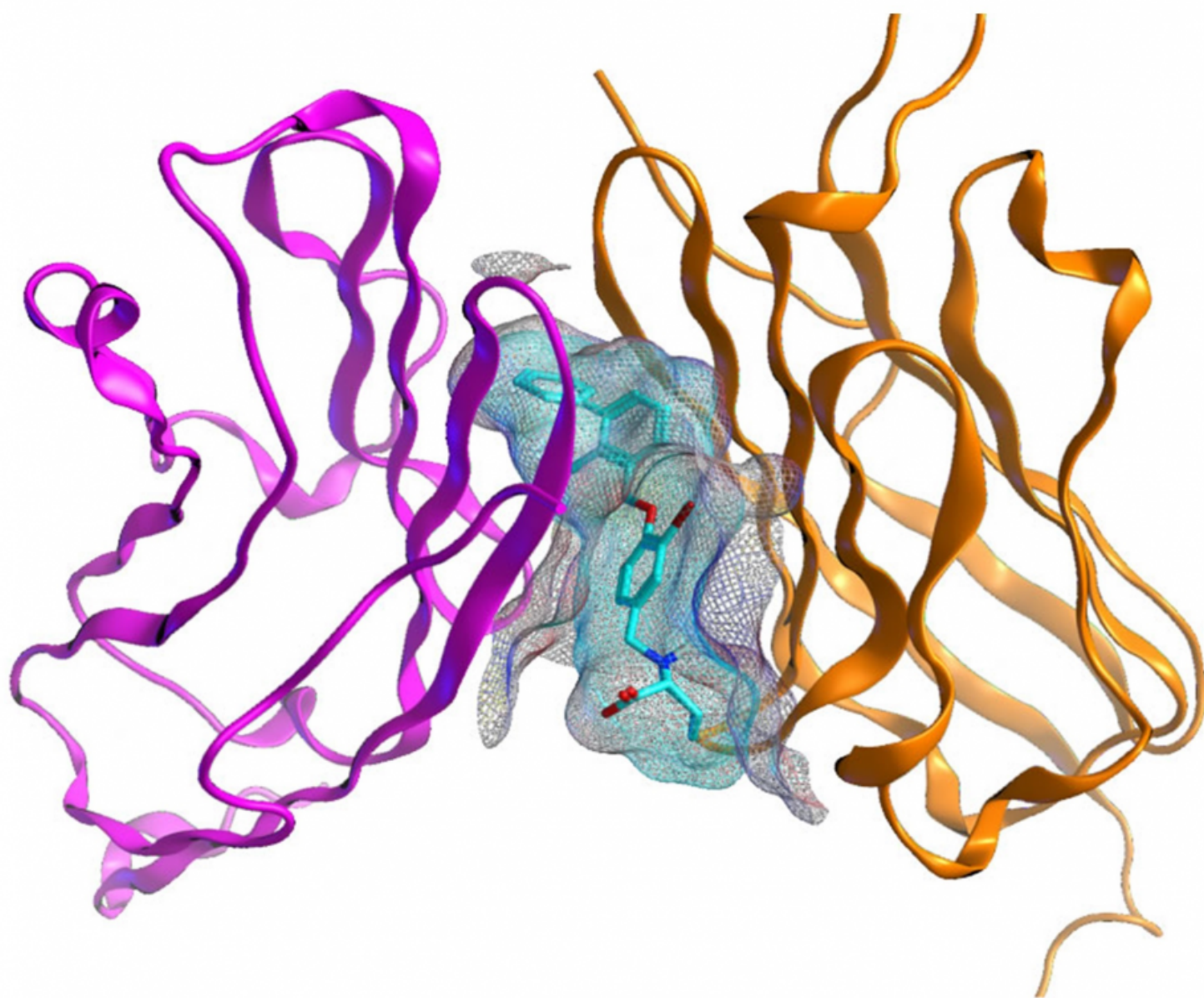


# Records of Natural Products

A scientific open access journal in the field of natural products.

Volume: 19 Year: 2025 Issue: 2 March-April



## Editor-in chief

Editor-in-Chief **Gülaçtı Topçu**

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

## Editors

Erkan **Baloğlu**

Erdal **Bedir**

İhsan **Çalış**

David G.I. **Kingston**

Hasan **Kırmızıbekmez**

Ufuk **Kolak**

Franco **Piozzi**

Bernd **Schneider**

Bilge **Şener**

İpek **Suntar**

Olga **Tzakou**

Jenny M **Wilkinson**

Kemal H. C. **Baser**

Maurizio **Bruno**

İlhami **Gülçin**

Turgut **Kılıç**

Süheyla **Kırmızıgül**

Temel **Özek**

Atta-ur **Rahman**

Hasan **Seçen**

William N. **Setzer**

Gülaçtı **Topçu**

Rob **Verpoorte**

Nurettin **Yaylı**

## Language Editors

William N. **Setzer**

Zeynep **Sadak**

## Abstracting & Indexing

Records of Natural Products is abstracted and Indexed in: Chemical Abstracts Service, CAB Abstracts, EMBASE, EMBiology, Index Copernicus, ProQuest; EBSCOhost, SCOPUS, Crossref, ISI Alerting Service; Chemistry Citation Index (CCI) and Science Citation Index-Expanded (SCI-E), *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

2025© ACG Publications. All Rights Reserved

## Instruction For Authors

### Preparation of Manuscripts

Manuscripts should be prepared in English using a word processor.

Authors **must** use templates ([Template file for original article:Please click to open template file](#)) or ([Template file for short report:Please click to open template file](#)) for the preparation of manuscripts. The template offers the authors many features that ease manuscript preparation and submission; 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 [template of supporting information:Please click to open template file](#).

The essential oil, volatiles and fatty acids and related papers should be prepared according to requested rules which is described in the following link "[Guide for essential oils, fatty acids and related studies](#): please use the appropriate template file which are given above for essential oils, fatty acids and related studies as well".

**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.

**For new compounds:** New compounds search report of SciFinder should also be uploaded via the supporting information document system in PAMS.

**Review Articles** are critically evaluated on the specific area in natural product chemistry. If you would like to contribute to the journal with a review article, the authors must initially contact the editorial office by email to [info@acgps.org](mailto:info@acgps.org), as such articles are normally invited.


**Original Articles** are manuscripts describing structure elucidation novel compounds, synthesis of naturally occurring compounds and biological activities of natural compounds, as well as new analytical methods (analytical methods must include method validation and uncertainty evaluation parts in the main text and the details must be given in the supporting information file), chemotaxonomic investigations, chemical ecology, and biotechnology. Articles that do not contain new compound(s) and that only reveal the structure analysis of known substances are not accepted as original articles. Articles that contain only one new substance and do not contain previous activity results for the species/or substances studied in the literature should be submitted as a short report article. 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 must be made available as supplementary material from the corresponding author for new compounds.

**Short Reports** are suitable for reporting known metabolites from new biological sources with discussion of biological activity and chemotaxonomic discussion, essential oil compositions, and new activities of known compounds. Manuscripts describing routine bioactivity screening (e.g., antimicrobial, antioxidant, antifeedant, etc.) of crude extracts or predictable and/or unexceptional bioactivity (e.g., antioxidant activity of polyphenolics, antimicrobial activity of essential oils), are generally not acceptable. Short Reports should be kept to a maximum of six (6) pages, including references. In order to reduce manuscript length, specific experimental details and NMR and HRMS spectra must be made available as supplementary material from the corresponding author or new compounds. The short report articles should not have more than 25 references.

**Special Issues and Book reviews** are collections of articles on the specific topics in areas related to aims and scope of journals published in the journal. Offers for the special topics must be applied to the editorial office.

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.

**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. 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.

Manuscripts should be compiled in the following order: Manuscripts should be compiled in the following order: **Title page; Abstract; Graphical abstract (in PAMS only), Keywords; Introduction, Materials And Methods, Results and Discussion, Acknowledgments; Appendixes** (as appropriate); **References**; using a decimal system for subsections. Novelty statements of manuscript must be provided and 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: Please see the details of section to the following link "[Guide for manuscript preparation](#)".

## References

References should be cited in the text by Arabic numbers in square brackets and should be arranged in the list of references

according to the numbers in the end of the main text. Unpublished results and personal communications should not be in the reference list, but may be mentioned in the text. If reference is made to papers submitted or in press, authors are requested to enclose a copy of manuscript or galley proof.

The following examples illustrate the format for reference:

#### *Journal citation*

A.C. Goren, B.N. Zhou and D.G.I. Kingston (2003). Cytotoxic and DNA damaging activity of some aporphine alkaloids from *Stephania dinklagei*, *Planta Med.* **69**, 867-868.

#### *Chapter citation*

A. Ulubelen and G. Topcu (1992). Diterpenoids from *Salvia* species and their pharmacological activities, In: *Studies in Natural Products*, ed: Atta-ur Rahman, Elsevier Science, Amsterdam, Netherlands, pp.363-381.

#### *Book citation*

R.P. Adams (1995). Identification of essential oil components by gas chromatography/mass spectroscopy. Alluredpublishing Co. Carol Stream, Illinois.

### 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 bold, the parentheses should not be written in bold.

**Warning: The most common mistakes for the References:** Writing format of author names, not writing the reference name in lowercase letters, placing a period instead of a comma after the reference title, Journal names should not be written in their abbreviated form and with a period after the abbreviation. 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 Records of Natural Products (RNP), and it is authors responsibility to inform the Editor of Records of Natural Products if such event exists. If the submitted manuscript is a revised version of a previously rejected by RNP, 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 Records of Natural Products. Authors of all the manuscripts submitted to Records of Natural Products automatically accept the guidelines given in the [Ethical Guidelines for Publication in Journals and Reviews](#) and the authors have to provide the ethical board approved 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 needs 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 Records of Natural Products publications are routinely screened by a software to check the originality of the submitted articles. It should be noted that RNP 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. Records of Natural Products has the right of removing any article published in RNP, 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

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

Article Type	Number of Pages	Publication fee
Review Article	1-50	1000 USD
Book Reviews	1-2	300 USD
Original Articles	1-20	750 USD
Short Reports	1-6	700 USD

\*% VAT is included, bank commission should be applied to payments.

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

*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 RNP, waivers are available for the authors who are 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.

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.

### Proof Corrections

**The proof corrections must be done carefully by the authors. When proof corrections are returned to Journal further corrections are not allowed, after the peer review process.**

**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 Records of Natural Products have undergone rigorous single blind peer review, based on initial editor screening and anonymized refereeing by expert referees.



## Contents

### Review Article

Yezi Ma, Haonan Xu, Yu Sun, Hao Fan, Yuze Li, Xiaomei Song, Wei Wang and Dongdong Zhang

[Botanical, Phytochemistry, Pharmacology and Applications of Genus Aframomum: A Review](#) - p.118-149

### Original Article

Chunying Wang, Yan Zhang, Zhongbin Cheng and Feifei Liu

[A New Lupane-type Triterpene from the Roots of \*Ampelopsis grossedentata\*](#) - p.150-156

### Original Article

Huynh Kim Yen, Nguyen Trong Tuan, Tran Thanh Men, Chong Kim Thien Duc, Ma Huu Dat, Tran Truong Thi Tu, Vu Thi Yen, Nguyen Thi Thu Hau, Vo Thanh Khang, Nguyen Huu Khiem and Thanh Q. C. Nguyen

[Investigation of Anti-oxidative Stress and Anti-inflammatory Constituents from \*Sphaerocoryne affinis\* Leaves](#) - p.157-168

### Original Article

Juliet Angélica Prieto Rodríguez, William Ramiro Patiño Bayona and Oscar Javier Patiño Ladino

[Chemical Composition, Insecticidal and Repellent Activities of Essential Oils from \*Piper asperiusculum\* and \*Piper pertomentellum\* against Red Flour Weevil](#) - p.169-181

### Short Report

Liang Hong, Rui Chen, Linsa Zhou and Jie Lin

[A New Antibacterial Diterpene with a Fused 6-5-6-6 Ring System, Trichodermanin I, Isolated from the Soil-Derived Fungus \*Trichoderma atroviride\* YD-13](#) - p.182-186

### Short Report

Qianlian Yin, Qianqian Jin, Li Jiang, Xue Ma, Jia Sun, Yong Huang and Yong Jun Li

[Isolation of Flavonoids from the \*Potentilla kleiniana\* and Evaluation of Their  \$\alpha\$ -Glucosidase Inhibitory Activity and Anti-inflammatory Activity](#) - p.187-192

### Short Report

Wei-Huan Luo, Lian-Cheng Xu, Guan-Yi Cao and Yu Chen

[A New Cytotoxic Sesquiterpenoid from \*Penicillium oxalicum\* 2021CDF-3](#) - p.193-197

### Short Report

Jiao Li, Yuanjuan Wei, Guiyang Wang, Yan Li and Maoluo Gan

[A New Azaphilone Derivative from the Co-culture of \*Aspergillus versicolor\* and \*Aspergillus chevalieri\*](#) - p.198-203