

Wine 1, fel Jan 315



An Open-Access-Based Scholarly Chemical Journal www.dergipark.ulakbim.gov.tr/Jotcsa



jotcsa@turchemsoc.org

Published, in English, Biannually (every June and December) Turkish Translations of Titles and Abstracts are Available.

> Correspondance to: Dr. Barbaros AKKURT, PHD, Managing Editor

> Turkish Chemical Society Halasiurgus St. Ucay. Apt. No:15 D.E., Harbyo-Gal-latastal/Turky

Journal of the Turkish Chemical Society, Section A: Chemistry (JOTCSA)

e-ISSN: 2149-0120

A biannual, open-access chemical journal, hosted by Dergipark

(Published, in English, in every February and August)

Editorial Board (sorted by the lastnames)

Prof. Dr. Göktürk, Sinem (Physical Chemistry, Marmara University, Turkey)

Prof. Dr. Kadıoğlu, Yücel (Electrochemistry, Atatürk University, Turkey)

Prof. Dr. Karagözler, A. Alev (Biochemistry, Adnan Menderes University, Turkey)

Prof. Dr. Köse, Dursun Ali (Inorganic Chemistry, Hitit University, Turkey)

Prof. Dr. Küçükbay, F. Zehra (Analytical Chemistry, İnönü University, Turkey)

Prof. Dr. Küçükbay, Hasan (Organic Chemistry, İnönü University, Turkey) Editor-in-Chief

Assoc. Prof. Dr. Sevim, Altuğ Mert (Editor, Istanbul Technical University, Turkey)

Prof. Dr. Taşdelen, M. Atilla (Polymer Chemistry, Yalova University, Turkey)

Prof. Dr. Yalçın, Esin A. (Computational Chemistry, Ankara University, Turkey)

Address: Halaskargazi Str. Uzay Apt. No: 15/8, 34373 Harbiye, Istanbul/Turkey.

Fax: +90 212 231 70 37

E-mail: jotcsa@turchemsoc.org

Website: http://dergipark.ulakbim.gov.tr/jotcsa

Note: Do not forget to register on the new journal engine at http://turchemsoc.dergipark.gov.tr/jotcsa.

(*)JOTCSA is a peer-reviewed publication of the Turkish Chemical Society. (*)The ideas outlined by the authors cannot be attributed to the journal management nor the editorial board.

Aim and Scope of the Journal

The journal will publish, after a peer-reviewing process, the following:

- a) Research articles,
- b) Review articles,
- **c)** Letters to the editor.

If requested, the journal will also publish the following, without committing a peer-review:

- d) Book reviews,
- e) Thesis abstracts.

The journal's scope will include, but not limited to, the following disciplines of chemistry:

- i) Analytical chemistry,
- ii) Biochemistry,
- iii) Computational chemistry,
- iv) Electrochemistry,
- v) Inorganic chemistry,
- vi) Organic chemistry
- vii) Physical chemistry,
- viii) Polymer chemistry.

ETHICAL GUIDELINES

Guidelines for the Editors

An editor (editors, associate editors, etc.) should provide impartial consideration to all manuscripts offered for publication, judging each on its particular feature without regard to race, religion, nationality, sex, seniority, or institutional affiliation of the author(s). An editor should review and treat a manuscript submitted for publication with all reasonable speed. An editor takes the sole responsibility for accepting or rejecting a manuscript for publication. An editor may seek assistance on a manuscript from specialists chosen for their expertise and fair judgment. An editor should not reveal any information about the manuscript under consideration to anyone other than the author and designated reviewers until after the evaluation process is complete. An editor should respect the intellectual independence of authors.

Authors

Our journal considers a person as an author who is responsible at least for a part of the work. Authors should be able to explain the problem in study in a deep manner. For our journal, all authors are responsible for the content they submitted. The corresponding author is responsible for the agreement of all the authors and to keep them informed about the submission process since first submission of their manuscript. He/she is responsible for providing the license to publish, in case of acceptance, on behalf of all the authors. Our journal assumes that submitting the paper implies in total agreement from all the authors. For manuscripts with more than 8 authors, all the authors should provide a declaration specifying what was their contribution to the manuscript. It is not acceptable for JOTCSA to consider for publication anything that was previously published, neither entirely nor partly in other journals. Anything sent to our journal must not be under analysis by anywhere else. Simultaneous submissions to JOTCSA and any other journal, is considered a major conduct flaw, and all the authors will be definitely banned, and all their previous publications in JOTCSA will be publicly retracted. Plagiarism and selfplagiarism will be treated in the same way. Multiple manuscripts, dealing with closely related subjects and/or variables are discouraged as long as they could figure in a single paper.

Reviewers

JOTCSA invites peers to review its submissions, relying on their expertise, curricula, and their will to review them as volunteers. By accepting to review a manuscript, the reviewer commits himself to do so in due time. Delays are extremely negative to the review process and makes it last much longer than it should. When a reviewer is requested, he/she is gently asked to answer the invitation e-mail, informing if he/she is willing or not willing to review the manuscript. It is a gesture of politeness, and it avoids delays too. By accepting to review a manuscript, the reviewer declares that no conflicts of interests do exist, and he/she is doing his/her revision for the wealth and progress of Science. Those reviewers who answer our requests, agreeing or not, and those who respect the deadlines, are scored positively, and eventual submissions they could send to JOTCSA will be treated with priority.

The online version of this declaration can be viewed on http://dergipark.ulakbim.gov.tr/public/journals/5106/ethical_guidelines.pdf.

Journal of the Turkish Chemical Society, Section A: Chemistry (JOTCSA)

e-ISSN: 2149-0120

A biannual, open-access chemical journal, hosted by Dergipark (Published, in English, in every February and August)

Editorial Advisory Board Members

(sorted alphabetically by the last names)

Abo-dya, Nader Elmaghwry (Zagazig University, Egypt)

do Amaral, Marcos Serrou (Federal University of Mato Grosso do Sul, Brazil)

Beatriz, Adilson (Federal University of Mato Grosso do Sul, Brazil)

Carta, Fabrizio (Università degli Studi di Firenze, Italy)

El-Khatib, Mirna (University of Pennsylvania, USA)

Florio, Saverio (CINMPIS, Italy)

Jisikriani, Davit (University of Pennsylvania, USA)

Karagözler, Ali Ersin (Adnan Menderes University, Turkey – retired)

Külcü, Nevzat (Mersin University, Turkey)

Lebedeva, Iryna (Augusta University, USA)

Nájera, Carmen (Royal Spanish Academy of Sciences, Spain)

Orhan, Ersin (Düzce University, Turkey)

Panda, Siva S. (Augusta University, USA)

Panmand, Deepak S. (India)

Pillai, Girinath G. (University of Tartu, Estonia)

Souizi, Abdelaziz (University of Ibn Tofail, Morocco)

Seçen, Hasan (Atatürk University, Turkey)

Seçkin, Turgay (Inonu University, Turkey)

Stanovnik, Branko (University of Ljubljana, Slovenia)

Supuran, Claudiu T. (University of Florence, Italy)

Tural, Bilsen (Dicle University, Turkey)

Tüfekçi, Mehmet (Karadeniz Technical University, Turkey)

Yaman, Mehmet (Firat University, Turkey)

Yılmaz, İsmet (İnönü University, Turkey)

Yılmaz, Ülkü (İnönü University, Turkey)

Yus, Miguel (Universidad de Alicante, Spain)

No	Authors	Title	Page range
1	Sebnem Senol, Emel Akyol	Study on the Preparation and Drug Release Property of Modified PEG-DA Based Hydrogels	1-14
2	Sevim Küçük, Pervin Soyer, Yağmur Tunalı	Determination of Antimicrobial and Biological Activities of Salvia sclarea L. (Lamiaceae) Extracts	15-20
3	Orhan Destanoğlu, İsmail Ateş	Determination and Evaluation of Methanol, Ethanol and Higher Alcohols in Legally and Illegally Produced Alcoholic Beverages	21-28
4	Fatih Mehmet Emen, Ruken Esra Demirdöğen, Göktürk Avşar, Derya Kılıç	2-Chlorobenzoylthiourea-modified MCM-41 for Drug Delivery	29-34
5	Fatih Mehmet Emen, Ruken Esra Demirdöğen, Göktürk Avşar, Ali İhsan Karaçolak	LDH- y-Fe2O3-MoS2 Composite for Vegetable Oil and Pb2+ Removal f rom Water	35-40
6	Zeliha Ustun-Argon, Nihal İlhan, Ali Gökyer, Sıdıka Buyukhelvacigil Ozturk, Beril Koparal	Phytochemical Evaluation of Morus alba Seeds and Cold Pressed Oil	41-50
7	Yavuz Emre Arslan, Ilkim Kantarcioglu	Salvadora persica Extract-laden Jellyfish Collagen Hybrid Constructs for Periodontal Tissue Regeneration	51-62
8	Suleyman Akocak, Mehmet Boga, Nabih Lolak, Muhammed Tuneg, Rajesh K.K. Sanku	Design, synthesis and biological evaluation of 1,3- diaryltriazene-substituted sulfonamides as antioxidant, acetylcholinesterase and butyrylcholinesterase inhibitors	63-70
9	Tugba Ertan-Bolelli, Kayhan Bolelli	Discovery of New DNA Topoisomerase II Inhibitors using Structure Based Virtual Screening Method	71-78
10	Tuğçe Çetinkol, Funda Öztürk*, Pınar Esra Erden	Doping Agent Naphazoline Hydrochloride: Development of Simple and Fast Voltammetric Method for Its Determination in Human Serum	79-88



Editorial, JOTCSA 6(1), 2019

We have launched our new issue, namely JOTCSA 6(1), 2019, just a few days ago and provided you with this editorial document. In this issue, ten articles were published and as everytime, they are free to download. We wish our readers to cite our works, so that our journal can elevate further into the main event.

Queries may be placed to myself at hkucukbay@inonu.edu.tr or to our managing editor at jotcsa@turchemsoc.org.

See you in the new issue in June...

Kind regards,

Prof. Dr. Hasan KÜÇÜKBAY

Editor-in-chief, JOTCSA