

Res. Asst. ABDULLAH BİÇER

Personal Information

Email: abduallahbice@akdeniz.edu.tr

Web: <https://avesis.akdeniz.edu.tr/abduallahbicer>

Address: 3145 sokak daire 5 no 3 Gültekin apartmanı Ahatlı/Kepez

Education Information

Doctorate, Akdeniz University, Institute of Science, Kimya/Organik Kimya, Turkey 2014 - Continues

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya/Organik Kimya, Turkey 2010 - 2013

Undergraduate, Mugla Sıtkı Kocman University, Faculty Of Science, Kimya, Turkey 2006 - 2010

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, İş Sağlığı ve Güvenliği Farkındalık Sempozyumu 2018, Akdeniz Üniversitesi, 2018

Education Management and Planning, TS EN ISO 9001:2015 Kalite Yönetim Sistemi Temel Eğitimi, TSE, 2018

Education Management and Planning, Patent Yazım Atölyesi, Akdeniz Üniversitesi, 2016

Education Management and Planning, İyi Üretim Uygulamaları(GMP), (Muğla Üniversitesi-Kimyagerler Derneği), 2010

Dissertations

Postgraduate, ZEOLİTE TUTUKLU OSMİYUM GEÇİŞ METAL NANOKÜMELERİYLE ALKENLERİN STEREOKONTROLLÜ cis-DİHİDROKSİLLENMESİ: ETKİNLİĞİ YÜKSEK, EKONOMİK ve ÇEVRE DOSTU YENİ BİR YÖNTEM , Ataturk University, Kimya, Organik Kimya, 2013

Research Areas

Chemistry, Organic Chemistry, Natural Sciences

Academic Titles / Tasks

Research Assistant, Akdeniz University, Faculty of Science, Kimya, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Controlled drug release characteristics and antibacterial influence of streptomycin sulfate-loaded

PMMA/PEO/bis-chalcone derivatives-based fibers

Maslakci N. N., EREN E., Kocer K. N., Cevikbas H., ULUSOY S., Bicer A., Cin G., Oksuz A. U.
Materials Today Communications, vol.31, 2022 (SCI-Expanded)

- II. **Synthesis of Novel β -Amino Carbonyl Derivatives and Their Inhibition Effects on Some Metabolic Enzymes**
BİÇER A., Kaya R., Yakalı G., Gültekin M. S., TURGUT CİN G., Gülçin İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1204, pp.127453-127465, 2020 (SCI-Expanded)
- III. **Synthesis of novel beta-amino carbonyl derivatives and their inhibition effects on some metabolic enzymes**
Bicer A., Kaya R., Yakalı G., GÜLTEKİN M. S., TURGUT CİN G., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1204, 2020 (SCI-Expanded)
- IV. **Electrochromic Properties of Electrospun Fibers Based on Bis-Thiomethylcyclohexanone Derivatives**
TURGUT CİN G., Maslakci N. N., Bicer A., Yakal G., ÖKSÜZ A.
CHEMISTRYSELECT, vol.4, no.45, pp.13412-13419, 2019 (SCI-Expanded)
- V. **Synthesis of novel bis-sulfone derivatives and their inhibition properties on some metabolic enzymes including carbonic anhydrase, acetylcholinesterase, and butyrylcholinesterase**
Bicer A., Kaya R., ANIL B., TURGUT CİN G., GÜLÇİN İ., GÜLTEKİN M. S.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.33, no.11, 2019 (SCI-Expanded)
- VI. **Synthesis, characterization, crystal structure of novel bis-thiomethylcyclohexanone derivatives and their inhibitory properties against some metabolic enzymes**
Bicer A., Taslimi P., Yakalı G., GÜLÇİN İ., GÜLTEKİN M. S., TURGUT CİN G.
BIOORGANIC CHEMISTRY, vol.82, pp.393-404, 2019 (SCI-Expanded)
- VII. **Solid state structural investigations of the bis(chalcone) compound with single crystal X-ray crystallography, DFT, gamma-ray spectroscopy and chemical spectroscopy methods**
Yakalı G., Bicer A., EKE C., Cin G.
RADIATION PHYSICS AND CHEMISTRY, vol.145, pp.89-96, 2018 (SCI-Expanded)
- VIII. **Electrochromic properties of some bis-chalcone derivatives-based nanofibers**
Maslakci N. N., Bicer A., TURGUT CİN G., ÖKSÜZ A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.135, no.12, 2018 (SCI-Expanded)
- IX. **Dihydroxylation of olefins catalyzed by zeolite-confined osmium(0) nanoclusters: an efficient and reusable method for the preparation of 1,2-cis-diols**
Metin O., Alp N. A., Akbayrak S., Bicer A., GÜLTEKİN M. S., ÖZKAR S., Bozkaya U.
GREEN CHEMISTRY, vol.14, no.5, pp.1488-1492, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **To Investigate the Electrochemical Behaviors of Bis-Chalcone Derivatives**
Nohut Maşlakçı N., Kömür A. İ., BİÇER A., TURGUT CİN G., Uygun Öksüz A.
The Journal of Graduate School of Natural and Applied Sciences of Mehmet Akif Ersoy University, vol.11, no.1, pp.53-61, 2020 (Peer-Reviewed Journal)
- II. **Structural Characterization, Theoretical Investigation and Hirshfeld Surface Analysis of 2,6-(E,E)-bis((thiophene-2-yl)methylene)cyclohexanone**
YAKALI G., BİÇER A., TURGUT CİN G.
Turkish Computational and Theoretical Chemistry, vol.3, no.2, pp.47-58, 2019 (Scopus)
- III. **Density Functional Theory Calculations and Crystal Structures of Some Bis-Chalcone Derivatives**
YAKALI G., BİÇER A., BARUT D., CİN G. T.
Turkish Computational and Theoretical Chemistry, vol.3, no.1, pp.5-16, 2019 (Scopus)
- IV. **Density Functional Theory Calculations and Crystal Structures of Some Bis-Chalcone Derivatives**
YAKALI G., BİÇER A., Barut D., TURGUT CİN G.
Turkish Computational and Theoretical Chemistry, vol.3, no.1, pp.5-16, 2019 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **THE ROLE OF POSITIONAL HETEREATOM EFFECT ON THE CHARGE TRANSPORT PROPERTIES OF THE BISCHALCONE DERIVATIVES FOR THE OPTOELECTRONIC DEVICES: REORGANIZATION ENERGY and ??? STACKING TYPE ARE IN PLAY.**
Yakalı G., Biçer A., TURGUT CİN G.
5th INTERNATIONAL CONGRESS ON ENGINEERING AND TECHNOLOGY MANAGEMENT, İstanbul, Turkey, 24 - 25 April 2021, pp.301-308
- II. **Inhibitory Properties of Bis-thiomethylcyclohexanone Derivatives on Aldose Reductase Enzyme Activity**
Türkeş C., Demir Y., BİÇER A., Beydemir Ş., TURGUT CİN G., Gültekin M. S.
2. EBAT (Euroasia Biochemical Approaches & Technologies Congress), Antalya, Turkey, 26 - 29 October 2019, pp.145
- III. **Antibacterial Effects Of Streptomycin (St) Loaded Nanofibers Named PMMA/PEO/N10-St and PMMA/PEO/N2-St**
Çevikbaş H., Ulusoy S., Nohut Maşlakçı N., Eren E., BİÇER A., TURGUT CİN G., Uygun Öksüz A.
2. EBAT (Euroasia Biochemical Approaches & Technologies Congress), Antalya, Turkey, 26 - 29 October 2019, pp.136
- IV. **Novel Bis-Sulfonylmethylcyclohexanone Derivatives as Potent Aldose Reductase Inhibitors**
Türkeş C., Demir Y., BİÇER A., Beydemir Ş., TURGUT CİN G., Gültekin M. S.
5th International Eurasian Congress on 'Natural Nutrition, Healthy Life & Sport', Ankara, Turkey, 2 - 06 October 2019, pp.1711
- V. **Investigation of Antibacterial Properties of PMMA/PEO Fibers Loaded With Antimicrobial Agent**
Nohut Maşlakçı N., Eren E., Çevikbaş H., BİÇER A., Ulusoy S., TURGUT CİN G., Uygun Öksüz A.
1. EBAT (1. Euroasia Biochemical Approaches & Technologies Congress), Antalya, Turkey, 27 - 30 October 2018
- VI. **Synthesis of New Bis-sulfide Compounds and Testing of Enzyme Activities**
BİÇER A., Taslimi P., TURGUT CİN G., Gültekin M. S., Gülçin İ.
4th Organic Chemistry Congress with International Participation, Antalya, Turkey, 4 - 07 October 2018, pp.229
- VII. **Synthesis of Novel β -aminocarbonyl Compounds and Determination Their Inhibition Effects on Some Metabolic Enzymes**
BİÇER A., Taslimi P., TURGUT CİN G., Gültekin M. S., Gülçin İ.
4th Organic Chemistry Congress with International Participation, Antalya, Turkey, 4 - 07 October 2018, pp.228
- VIII. **Electrochromic Properties of Some Bis-chalcone Derivatives Based Nanofibers**
BİÇER A., Nohut Maşlakçı N., TURGUT CİN G., Uygun Öksüz A.
13th Nanoscience & Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017, vol.11, pp.27-28
- IX. **Synthesis and Characterization of Potential Biological Active Some Novel Chalcone Based Bisulfides**
TURGUT CİN G., BİÇER A., YAKALI G., Gültekin M. S.
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), Baku, Azerbaijan, 10 - 13 September 2017, pp.10
- X. **Synthesis and Characterization of Potential Biological Active Some Novel Chalcone Based Bisulfides**
TURGUT CİN G., BİÇER A., YAKALI G., Gültekin M. S.
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), Baku, Azerbaijan, 10 - 13 September 2017, pp.10
- XI. **Synthesis and Characterization of Potential Biological Active Some Novel Chalcone Based Bisulfides**
TURGUT CİN G., BİÇER A., YAKALI G., Gültekin M. S.
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), Baku, Azerbaijan, 10 - 13 September 2017, pp.10
- XII. **The Analysis of Crystal Structure and Spectroscopic datas of the (2E,6E)-2,6 bis((E)-3 phenylallylidene)cyclohexanone with XRD and Density Functional Theory**
YAKALI G., BİÇER A., TURGUT CİN G.
3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS2017, Muğla, Turkey, 26 - 29 August

2017, pp.187

- XIII. **The Analysis of Crystal Structure and Spectroscopic datas of the (2E,6E)-2,6 bis((E)-3 phenylallylidene)cyclohexanone with XRD and Density Functional Theory**
YAKALI G., BİÇER A., TURGUT CİN G.
3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS2017, Muğla, Turkey, 26 - 29 August 2017, pp.187
- XIV. **The Analysis of Crystal Structure and Spectroscopic datas of the (2E,6E)-2,6 bis((E)-3 phenylallylidene)cyclohexanone with XRD and Density Functional Theory**
YAKALI G., BİÇER A., TURGUT CİN G.
3rd International Turkish Congress on Molecular Spectroscopy (TURCMOS2017), Muğla, Turkey, 26 - 29 August 2017, pp.187
- XV. **Single Crystal X-ray Analysis of Some Novel Chalcone Compounds**
YAKALI G., BİÇER A., TURGUT CİN G.
2ND INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, Antalya, Turkey, 18 - 21 April 2017, pp.306
- XVI. **Single Crystal X-ray Analysis of Some Novel Chalcone Compounds**
YAKALI G., Biçer A., TURGUT CİN G.
2. International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 18 - 21 April 2017, pp.306
- XVII. **Side Star Elegance Hotel 30 Mart – 2 Nisan 2017 ANTALYA P22 Yeni Bis-sülfid ve Bis-sülfon Bileşiklerinin Sentezi ve Sitotoksik Aktivitelerinin İncelenmesi**
BİÇER A., TURGUT CİN G., Gültekin M. S., ERDOĞAN A., ÖZKAN A.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017, pp.22
- XVIII. **Zeolite Tutturulmuş-Oso ve -Os3+ Nano Parçacıkları ile Olefinlerden Visinal cisdiollerin Sentezi**
BİÇER A., Gültekin M. S., Metin Ö.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017, pp.23
- XIX. **Yeni Bis-sülfid ve Bis-sülfon Bileşiklerinin Sentezi ve Sitotoksik Aktivitelerinin İncelenmesi**
BİÇER A., TURGUT CİN G., Gültekin M. S., Erdoğan A., Özkan A.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017, pp.22
- XX. **Yeni Bis-sülfid ve Bis-sülfon Bileşiklerinin Sentezi ve Sitotoksik Aktivitelerinin İncelenmesi**
BİÇER A., TURGUT CİN G., Gültekin M. S., ERDOĞAN A., ÖZKAN A.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017, pp.22
- XXI. **The Investigation of Crystal Structure and Spectroscopic of The Novel Hydrazone Compound: [(E)-3-(2-nitrophenyl)-(E)-1-(2-phenylhydrazono)]-1-phenylallylidene**
Cin G. T., YAKALI G., Biçer A., Aygün M.
2nd International Conference On Science, Ecology and Technology, Barcelona, Spain, 14 - 16 October 2016, pp.135
- XXII. **Solid state structural investigation of the organic compound with single crystal X-ray crystallographic, spectroscopic methods and gama ray irradiation method**
Yakalı G., BİÇER A., EKE C., TURGUT CİN G., Aygün M.
1ST INTERNATIONAL MULTIDISCIPLINARY BLACK SEA SYMPOSIUM, Amasya, Turkey, 4 - 06 October 2016, pp.19
- XXIII. **Structural Characterization, Theoretical Investigation and Hirshfeld Surface Analysis of the 2,6-(E,E)-bis((thiophene-2-yl)methylene)cyclohexanone**
YAKALI G., BİÇER A., Aygün M., TURGUT CİN G.
3rd International Conference on New Trends in Chemometrics and Applications, Antalya, Turkey, 23 - 28 May 2016, pp.19
- XXIV. **STRUCTURAL CHARACTERIZATION, THEORETICAL INVESTIGATION AND HIRSHFELD SURFACE ANALYSIS OF SINGLE CRYSTAL OF 2,6-(E,E)-BIS((THIOPHENE-2-YL)METHYLENE)CYCLOHEXANONE**

YAKALI G., Biçer A., Aygün M., Turgut Cin G.

3. International Conference on New Trends in Chemometrics and Applications, Antalya, Turkey, 23 - 28 May 2016, pp.19

XXV. Zeolite Tutuklu Osmiyum ve Rutenyum Geçiş Metal Nanokümeleriyle Yeni Bir Yöntemle Alkenlerden Cis-1,2-Diollerin Sentezi

BİÇER A., Dalmızrak D., Akbayrak S., Metin Ö., Gültekin M. S., Özkar S., Bozkaya U.

2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014, pp.74

XXVI. An Efficient, Reusable and Eco-Friendly Method for the Preparation of 1,2-cisDiols

Metin Ö., alp n. a., Akbayrak S., BİÇER A., Gültekin M. S., Özkar S., Bozkaya U.

4th National Catalysis Conference, Kocaeli, Turkey, 21 - 24 March 2012, pp.60

Supported Projects

TURGUT CİN G., BİÇER A., GÜLTEKİN M. S., Project Supported by Higher Education Institutions, Sikloheksanon Yapısı İçeren Bis-Sülfid, Bis-Sülfon ve β -Amino Karbonil Bileşiklerinin Sentezi ve Enzim İnhibisyon (hCAI, hCAII, AChE ve BChE) Çalışmaları, 2016 - 2019

BİÇER A., TUBITAK Project, Katalitik OsO₄ ve kiral ligantlar ile rasem alilik-hidroperoksitlerden tek kademede kiral 1,2,3-triollerin sentezi, 2010 - 2012

Metrics

Publication: 39

Citation (WoS): 142

Citation (Scopus): 193

H-Index (WoS): 4

H-Index (Scopus): 6

Congress and Symposium Activities

4th Organic Chemistry Congress with International Participation, Attendee, Antalya, Turkey, 2018

13th Nanoscience and Nanotechnology Conference, Attendee, Antalya, Turkey, 2017

5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Attendee, Antalya, Turkey, 2017

2. İlaç Kimyası, Üretimi, Teknolojisi, Standardizasyonu Kongresi, Attendee, Antalya, Turkey, 2014

Uluslararası Katılımlı 26. Ulusal kimya Kongresi, Attendee, Muğla, Turkey, 2012

25. Uluslar arası Katılımlı Ulusal Kimya Kongresi, Attendee, Erzurum, Turkey, 2011