

Prof. Ahmet MARAŞ

Personal Information

Office Phone: [+90 442 231 4430](tel:+904422314430)

Web: <https://avesis.atauni.edu.tr/amaras>

Education Information

Doctorate, Atatürk Üniversitesi, Fenbilimleri Enstitüsü, Organik Kimya, Turkey 1992 - 1998

Postgraduate, Atatürk Üniversitesi, Fenbilimleri Enstitüsü, Organik Kimya, Turkey 1990 - 1992

Undergraduate, Atatürk Üniversitesi, Fen -Edebiyat Fak, Kimya, Turkey 1986 - 1990

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, SİNGLET OKSİJENİN ENE TİPİ KATILMA REAKSİYONLARININ QUERCİTOL SENTEZLARİNE UYGULANMASI; -talo-QUERCİTOL, -vibo-QUERCİTOL VE 4-amino-vibo-QUERCİTOLPENTAASETAT VE CONDURİTOL E'NİN SENTEZLERİ, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1998

Postgraduate, YENİ VE STEREOSESİFİK BİR YÖNTEMLE p-BENZOKİNONDAN CONDURİTOL C VE CONDURİTOL E'NİN SENTEZİ, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1992

Research Areas

Chemistry, Organic Chemistry, Chemistry of Natural Products, Natural Sciences

Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Kimya, 2020 - Continues

Academic and Administrative Experience

Atatürk Üniversitesi, Baum, 2007 - 2008

Atatürk Üniversitesi, Baum, 2004 - 2007

Courses

Undergraduate, 2019 - 2020

Postgraduate, 2020 - 2021

Undergraduate, 2020 - 2021

Genel Kimya Laboratuvarı I, Undergraduate, 2019 - 2020

Undergraduate, 2019 - 2020

Doctorate, 2019 - 2020

Advising Theses

MARAŞ A., POTANSİYEL BİYOLOJİK AKTİF BAZI YENİ SÜLFAMİDLERİN SENTEZİ, Postgraduate, E.SAİT(Student), 2014

MARAŞ A., Z ve E- 4-OKSANON-2-ENOİK ASİT METİL ESTERLERİ VE E-4-OKSANON-2-ENOİKASİT'İN YENİ BİR YÖNTEMLE SENTEZİ, Postgraduate, A.ALTAI(Student), 2006

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Insight into the intramolecular interactions of trans-2-azidocycloalk-3-en-1-ols and trans-2-azidocycloalk-3-en-1-yl acetates: A theoretical study**
ÇETİNKAYA Y., MARAŞ A., GÖKSU S.
TETRAHEDRON, vol.92, 2021 (Journal Indexed in SCI)
- II. **Synthesis and characterization of novel bromophenols: Determination of their anticholinergic, antidiabetic and antioxidant activities**
Öztaşkın N., KAYA R., MARAŞ A., ŞAHİN E., GÜLÇİN İ., GÖKSU S.
Bioorganic Chemistry, vol.87, pp.91-102, 2019 (Journal Indexed in SCI)
- III. **Diarylmethanon, bromophenol and diarylmethane compounds: Discovery of potent aldose reductase, alpha-amylase and alpha-glycosidase inhibitors as new therapeutic approach in diabetes and functional hyperglycemia**
TASLIMI P., ASLAN H. E. , DEMİR Y., ÖZTAŞKIN N., MARAŞ A., GÜLÇİN İ., Beydemir S., GÖKSU S.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.119, pp.857-863, 2018 (Journal Indexed in SCI)
- IV. **Novel antioxidant bromophenols with acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase inhibitory actions**
ÖZTAŞKIN N., TASLIMI P., MARAŞ A., GÜLÇİN İ., GÖKSU S.
BIOORGANIC CHEMISTRY, vol.74, pp.104-114, 2017 (Journal Indexed in SCI)
- V. **Synthesis of diaryl ethers with acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase inhibitory actions**
OZBEY F., TASLIMI P., GÜLÇİN İ., MARAŞ A., Goksu S., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.79-85, 2016 (Journal Indexed in SCI)
- VI. **Synthesis and Carbonic Anhydrase Inhibitory Effects of Novel Sulfamides Derived from 1-Aminoindanes and Anilines**
Akbaba Y., BASTEM E., TOPAL F., GÜLÇİN İ., MARAŞ A., GÖKSU S.
ARCHIV DER PHARMAZIE, vol.347, no.12, pp.950-957, 2014 (Journal Indexed in SCI)
- VII. **Synthesis of two alnustone-like natural diarylheptanoids via 4+3 strategy**
Burmaoglu S., CELIK H., GÖKSU S., MARAŞ A., Altundas R., SEÇEN H.
Synthetic Communications, vol.39, no.9, pp.1549-1562, 2009 (Journal Indexed in SCI Expanded)
- VIII. **Alternative, high-yield synthesis of (E)-4-oxonon-2-enoic acid from 2-methoxyfuran**
MARAŞ A., ALTAI A., BALLINI R.
SYNTHETIC COMMUNICATIONS, vol.38, no.2, pp.212-216, 2008 (Journal Indexed in SCI)
- IX. **A short synthesis of 4-amino-3-hydroxybutyric acid (GABOB) via allyl cyanide**
Mete E., Maras A., Secen H.
RUSSIAN CHEMICAL BULLETIN, vol.52, no.8, pp.1879-1881, 2003 (Journal Indexed in SCI)
- X. **Effect of nimesulide on the indomethacin- and ibuprofen-induced ulcer in rat gastric tissue.**
SÜLEYMAN H., ALTINKAYNAK K., GÖÇER F., Maraş A., AKÇAY F., ONUK M., GEPIREMEN A.

Polish journal of pharmacology, vol.54, pp.255-9, 2002 (Journal Indexed in SCI)

- XI. **One-pot synthesis from 1,4-cyclohexadiene of (+/-)-1,4/2,5-cyclohexanetetrol, a naturally occurring cyclitol derivative**
Maras A., ERDEN M., Secen H., Sutbeyaz P.
CARBOHYDRATE RESEARCH, vol.308, pp.435-437, 1998 (Journal Indexed in SCI)
- XII. **A convenient synthesis of (+/-)-talo-quercitol (1-deoxy-neo-inositol) and (+/-)-vibo-quercitol (1-deoxy-myo-inositol) via ene reaction of singlet oxygen**
Maras A., Secen H., SUTBEYAZ Y., BALCI M.
JOURNAL OF ORGANIC CHEMISTRY, vol.63, no.6, pp.2039-2041, 1998 (Journal Indexed in SCI)
- XIII. **A novel and stereospecific synthesis of conduritol-E via cyclohexa-3,5-diene-1,2-diol**
Maras A., Secen H., SUTBEYAZ Y., BALCI M.
TURKISH JOURNAL OF CHEMISTRY, vol.20, no.4, pp.341-344, 1996 (Journal Indexed in SCI)
- XIV. **A NOVEL SYNTHESIS OF CONDURITOL-C AND CONDURITOL-E VIA P-BENZOQUINONE**
SECEN H., MARAS A., SUTBEYAZ Y., BALCI M.
SYNTHETIC COMMUNICATIONS, vol.22, no.18, pp.2613-2619, 1992 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Synthesis of Methyl-4-Oxo-2(E)-alkenoic Acid and Theoretical Investigation of Reaction Mechanism**
MARAŞ A., Gümüş S.
International Journal of Chemical and Biomolecular Science, vol.1, no.4, pp.310-312, 2016 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis of Potential Biologically Active Novel Bromophenols**
GÖKSU S., Öztaskın N., MARAŞ A.
4th Organic Chemistry Congress, 4 - 07 October 2018, pp.328
- II. **Asetilkolinesteraz, Karbonik Anhidraz İnhibisyonu Ve Antioksidant Etkilere Sahip Yeni Bromofenollerin Sentezi**
Öztaskın N., MARAŞ A., GÖKSU S.
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 30 March - 02 April 2017
- III. **Bazı Bromofenollerin Antioksidan Kapasitelerinin Belirlenmesi Ve İnsan Karbonik Anhidraz İzoenzimleri İle Asetilkolinesteraz ve Bütirilkolinesteraz Enzimleri Üzerine Etkilerinin Araştırılması**
ÖZTAŞKIN N., TASLIMI P., MARAŞ A., GÖKSU S., GÜLÇİN İ.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 March - 02 April 2017
- IV. **The synthesis of potential biologically active diary ethers via Ullmann coupling**
Özbey F., MARAŞ A., GÖKSU S.
Anatolian Conference on Synthetic Organic Chemistry ACSOC II, 21 - 24 March 2016
- V. **The synthesis of potential biologically active diaryl ethers via Ullmann coupling**
Özbey F., MARAŞ A., GÖKSU S.
Anatolian Conference on Synthetic Organic Chemistry, ACSOC II, 21 - 24 March 2016
- VI. **Ladostigil ve Rivastigmin Analogu Bazı Yeni Benzil Aminlerin Sentezi**
BASTEM E. S., AKINCIOĞLU A., MARAŞ A., GÖKSU S.
Ladostigil ve Rivastigmin Analogu Bazı Yeni Benzil Aminlerin Sentezi. 1. İlaç Kimyası, Üretimi, teknolojisi ve Standardizasyonu Kongresi, Turkey, 29 - 31 March 2013
- VII. **Synthesis of three natural diarylheptanoids**

ÇELİK H., BURMAOĞLU S., GÖKSU S., MARAŞ A., ALTUNDAŞ R., SEÇEN H.

International conference on organic chemistry, Erzurum, Turkey, 5 - 09 June 2007

VIII. **Study of three natural diarylheptanoides**

ÇELİK H., BURMAOĞLU S., GÖKSU S., MARAŞ A., ALTUNDAŞ R.

Interantional Conference on Organic Chemistry (ICOC), 5 - 09 June 2007

IX. **An Efficient Synthesis of 4-Amino-3-Hydroxybutanoic Acid (GABOB) via Allyl Cyanide**

Mete E., Maraş A., Seçen H.

1st International Meeting on Medicinal and Pharmaceutical Chemistry (IMMPC-1), Ankara, Turkey, 25 - 28 September 2002

X. **Heterojen Ortamda KMnO₄ CuSO₄ 5H₂O ile 2,2,1 ve 2,2,2 Bisiklik Alkenlerin Oksidasyonu**

GÖKSU S., ALTUNDAŞ R., MARAŞ A., SÜTBEYAZ Y.

12. Ulusal Kimya Kongresi, Turkey, 7 - 11 September 1998

XI. **Siklitoller Quercitol Toxocarol Aminoconduritol ve Conduritol Sentezleri**

SEÇEN H., MARAŞ A., SALAMCI E., GÜLTEKİN M. S. , SÜTBEYAZ Y., BALCI M.

IX. Kimya ve Kimya Mühendisliği Sempozyumu, Turkey, 20 - 24 January 1993, pp.134

XII. **Conduritol C E ve F nin Yeni ve Stereospesifik Olarak Sentezi**

SEÇEN H., GÜLTEKİN M. S. , MARAŞ A., SÜTBEYAZ Y., BALCI M.

VIII. Kimya ve Kimya Mühendisliği Sempozyumu, Turkey, 7 September - 11 August 1992

XIII. **A NEW AND STEREOSPECIFIC SYNTHESIS OF CONDURITOL-C, CONDURITOL-E AND CONDURITOL-F**

SEÇEN H., GÜLTEKİN S., MARAŞ A., SUTBEYAZ Y., BALCI M.

TURKISH 8TH NATIONAL SYMP ON CHEMISTRY AND CHEMICAL ENGINEERING (CHEMISTRY 92), İstanbul, Turkey, 7 - 11 September 1992, vol.518, pp.1-6

Supported Projects

MARAŞ A., GÖKSU S., ÖZTAŞKIN N., Project Supported by Higher Education Institutions, Doğal ürün türevi yeni bromofenollerin ilk sentezi asetilkolinesteraz butirilkinesteraz ve karbonik anhidraz inhibitörlerinin incelenmesi, 2017 - 2019

KİSHALI N., AKBULUT N., KARA Y., SARAÇOĞLU N., MARAŞ A., ÇAKICI M., Project Supported by Higher Education Institutions, Uluslararası Katılımlı 4. Organik Kimya Kongresi (OrgChemTR-4), 2018 - 2018

ÇAKICI M., DAŞTAN A., MENZEK A., GÖKSU S., MARAŞ A., ANIL B., KILIÇ H., KİSHALI N., BOZDEMİR Ö. A. , KARA Y., et al., Project Supported by Higher Education Institutions, Nükleer Manyetik Rezonans (NMR) Cihazının Bakım ve Onarımı, 2018 - 2018

MARAŞ A., Project Supported by Higher Education Institutions, BAZI İLAÇLARIN YAPILARINDA BULUNAN VE POTANSİYEL BİYOLOJİK AKTİF YENİ SÜLFAMİD BİLEŞİKLERİNİN SENTEZİ, 2013 - 2014

Scientific Refereeing

Archiv der Pharmazie, SCI Journal, November 2018

Citations

Total Citations (WOS):488

h-index (WOS):8