

Prof. YURDANUR AKGÜL

Personal Information

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Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Turkey 1995 - 2002

Post Graduate, Ege University, Fen Bilimleri Enstitüsü, Turkey 1992 - 1995

Under Graduate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1987 - 1991

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Isolation and identification of esterbenzofurans from seeds of *Sytrax officinalis*, Ege University, Fen Bilimleri Enstitüsü, 2002

Post Graduate, Isolation and structural determination of *Styrax officinalis* L. glycosides, Ege University, Fen Bilimleri Enstitüsü, 1995

Research Areas

Chemistry, Organic Chemistry, Plant Chemistry, Chemistry of Natural Products, Organic Spectroscopy, Natural Sciences

Academic Titles / Tasks

Professor, Ege Üniversitesi, Fen Fakültesi, Kimya, 2019 - Continues

Associate Professor, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2010 - 2019

Assistant Professor, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2004 - 2012

Expert, Ege Üniversitesi, Bilim Ve Teknoloji Uygulama Ve Araştırma Merkezi, 2003 - 2004

Expert, İzmir Yüksek Teknoloji Enstitüsü, Fen Fakültesi, Kimya Bölümü, 2002 - 2003

Research Assistant, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1992 - 2002

Professional Experience

Courses

ORGANİK KİMYA I, Under Graduate, 2017 - 2018

KİMYASAL ÜRÜNLER VE YAŞAM.FEDEK, Under Graduate, 2016 - 2017, 2018 - 2019

UZMANLIK ALAN DERSİ, Post Graduate, 2017 - 2018

ÇOK BASAMAKLI ORGANİK SENTEZLER, Doctorate, 2017 - 2018

ORGANİK KİMYA III, Under Graduate, 2018 - 2019

ORGANİK YAPI TAYİNİ, Under Graduate, 2017 - 2018
ORGANİK TEPKİME MEKANİZMALARI, Post Graduate, 2017 - 2018
CHEMICAL PRODUCTS AND LIFE, Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019
ORGANİK KİMYA. ZİRAAT FAKÜLTESİ, Under Graduate, 2017 - 2018
ORGANİK KİMYA. FEN FAK. BİYOLJİ BÖL., Under Graduate, 2017 - 2018
Diploma Çalışması I, Under Graduate, 2016 - 2017
ORGANİK KİMYA III, Under Graduate, 2016 - 2017
KİMYA II. MÜH FAK. DERİ MÜH., Under Graduate, 2016 - 2017
ORGANİK KİMYA. GIDA MÜHENDİSLİĞİ, Under Graduate, 2016 - 2017

Advising Theses

AKGÜL Y., Rhododendron luteum bitkisinin yapraklarının kimyasal içeriğinin incelenmesi., Post Graduate, T.YEŞİL(Student), 2017
AKGÜL Y., Determination of phytochemical contents of Eremurus spectabilis young leaves and cytotoxic activity studies, Post Graduate, L.KARAKAYA(Student), 2016
AKGÜL Y., Chemical investigations of endocarp of Styrax officinalis L. fruits and biopotential studies, Post Graduate, E.PAZAR(Student), 2014
AKGÜL Y., Isolation and structural identification of compounds from Notobasis syriaca L. cass, Post Graduate, O.ÖZCAN(Student), 2009
Anıl H., Akgül Y., Synthesis of some benzofurans and their activities, Doctorate, S.EMİRDAĞ(Student), 2008
AKGÜL Y., Isolation and identification of compounds from Tamarix hampeana L., Post Graduate, A.AYKAÇ(Student), 2007
AKGÜL Y., Isolation and structural identification of benzofuran glycosides from styrax officinalis, Post Graduate, R.YALÇINKAYA(Student), 2006

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Ege Üniversitesi, August, 2019
Doctoral Examination, Doktora Yeterlilik, DEÜ, August, 2018
Doctorate, Tez Savunma Jurisi, Ege Üniversitesi Fen Bilimleri Enstitüsü, July, 2018
Post Graduate, Tez Savunma Jurisi, 2017, DEÜ Fen Bilimleri Enstitüsü, July, 2017
Doctorate, Tez savunma Jurisi, 2016., EÜ Fen Bilimleri Enstitüsü, June, 2016
Post Graduate, Tez savunma Sınavı Jüriliği, 2012., EÜ Fen Bilimleri Enstitüsü, November, 2012
Doctorate, Tez savunma Jurisi, 2012., EÜ Fen Bilimleri Enstitüsü, June, 2012
Post Graduate, Tez savunma Jurisi, 2011., EÜ Fen Bilimleri Enstitüsü, June, 2011
Post Graduate, Tez savunma Jurisi, 2010., EÜ Fen Bilimleri Enstitüsü, August, 2010

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

- **Chemical constituents and in vitro biological activities of Eremurus spectabilis leaves**
Karakaya L., Akgül Y., Nalbantsoy A.
NATURAL PRODUCT RESEARCH, vol.31, pp.1786-1791, 2017 (Journal Indexed in SCI)
- **Synthesis, structure, and electrochemical properties of N,N'-bis(ferrocenylmethylene) ethylenediamine Schiff base and its metal complexes**
akcan kardaş t., AVCI ÖZBEK H., AKGÜL Y., DEMİRHAN F.
INORGANIC AND NANO-METAL CHEMISTRY, vol.47, pp.1475-1479, 2017 (Journal Indexed in SCI)
- **Antioxidant, cytotoxic and iNOS activity of Liquidambar orientalis Mill. resin extracts**
Nalbantsoy A., Karış M., Karakaya L., Akgül Y.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKİMYA DERGİSİ, vol.41, pp.198-205, 2016 (Journal Indexed in SCI)

- **Chemical composition of the endocarps of fruits of *Styrax officinalis* L.**
Pazar E., Akgül Y.
NATURAL PRODUCT RESEARCH, vol.29, pp.1466-1468, 2015 (Journal Indexed in SCI)
- **Extraction, radiolabeling and in vivo biological evaluation of I-131 labeled egonol glycosides extract**
Akgül Y., Pazar E., Yılmaz H., Lambrecht F., Yılmaz O., Sanlier S. H.
RADIOCHIMICA ACTA, vol.103, pp.457-462, 2015 (Journal Indexed in SCI)
- **A new analogue of fatty alcohol from *Tamarix hampeana* L.**
AYKAÇ A., AKGÜL Y.
NATURAL PRODUCT RESEARCH, vol.24, pp.34-39, 2010 (Journal Indexed in SCI)
- **COMPOUNDS FROM FLOWERS OF *Daucus carota* L. SSP *carota* AND THEIR ANTIOXIDANT ACTIVITY**
Akgül Y., Yıldız Aktaş L., Anıl H.
CHEMISTRY OF NATURAL COMPOUNDS, vol.45, pp.889-892, 2009 (Journal Indexed in SCI)
- **Synthesis and antibacterial activity of egonol derivatives**
Ozturk S., Akgül Y., Anıl H.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.16, pp.4431-4437, 2008 (Journal Indexed in SCI)
- **Synthesis and spectroscopic characterization of new [Cu((tBu)salpphen)](2), [MoCl2(salpphen)]2 complexes and Sn2Cl8 ((tBu) salpphen).2HNEt(3) adduct**
SÖZEN P., Akgül Y., DEMİRHAN F.
TURKISH JOURNAL OF CHEMISTRY, vol.31, pp.201-209, 2007 (Journal Indexed in SCI)
- **Lotaustralin from *Rhodiola rosea* roots**
Akgül Y., Ferreira D., Abourashed E., Khan I.
FITOTERAPIA, vol.75, pp.612-614, 2004 (Journal Indexed in SCI)
- **Benzofurans and another constituent from seeds of *Styrax officinalis***
Akgül Y., Anıl H.
PHYTOCHEMISTRY, vol.63, pp.939-943, 2003 (Journal Indexed in SCI)
- **Benzofuran from seeds of *Styrax officinalis***
Akgül Y., Anıl H.
Fitoterapia, vol.74, pp.743-745, 2003 (Journal Indexed in SCI Expanded)
- **Saponins from *Styrax officinalis***
Akgül Y., Çalışkan Ö., Anıl H., Robert B. B. , C Stessman C., K Kane V.
FITOTERAPIA, vol.73, pp.320-326, 2002 (Journal Indexed in SCI)
- **Analysis of the marker compounds of *Rhodiola rosea* L. (golden root) by reversed phase high performance liquid chromatography**
Ganzera M., Akgül Y., A Khan I.
CHEMICAL & PHARMACEUTICAL BULLETIN, vol.49, pp.465-467, 2001 (Journal Indexed in SCI)
- **High fluorescence emissions of some natural benzofurane derivatives isolated from *Styrax officinalis***
İcli S., Anıl H., Dindar B., Alankus-Caliskan Ö., Yayla Y., Doroshenko A., Alp S.
TURKISH JOURNAL OF CHEMISTRY, vol.24, pp.199-207, 2000 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Synthesis of Doxorubicin Loaded and Glucose Gluconic acid Coated Magnetic Nanoparticles**
Yılmaz H., Ak G., Güneş A., Akgül Y., Şanlıer Ş.
European Pharma Congress, Valencia, Spain, 25 - 27 Ağustos 2015
- ***Cephalaria Transilvanica* L. Den İzole Edilen Bir 28-nor İriterpen ve İki Bis Desmasidik Glikozidin Yapılarının Aydınlatılması.**
Akgül Y., Çalışkan Ö., Anıl H.
IX. Ulusal Kimya Kongresi, Trabzon, Turkey, 20 - 24 Haziran 1994

Supported Projects

Akgül Y., Project Supported by Higher Education Institutions, "Eremurus Spectabilis Genç Yapraklarının Fitokimyasal

İçeriğinin Belirlenmesi Ve Sitotoksosite Çalışmaları, 2016 - 2017

Akgül Y., TUBITAK Project, Investigation of Phytochemical Content and Cytotoxicity Studies of Eremurus Spectabilis Young Leaves, 2015 - 2017

Şanlıer Ş., Akgül Y., Karabay Yavaşoğlu N. Ü. , Kınal A., Ak G., TUBITAK Project, Folat reseptör hedefli ve biyomimetik tasarlı manyetik ilaç taşıma sistemleri ile kişiselleştirilmiş anti kanser tedavi potansiyelinin araştırılması, 2013 - 2016

AKGÜL Y., Project Supported by Higher Education Institutions, DOĞAL BİR ŞEKER ALKOLÜ OLAN İDİTOLÜN BAZI TÜREVELERİNİN SENTEZİ VE BİYOLOJİK AKTİVİTELERİNİN İNCELENMESİ, 2010 - 2014

AKGÜL Y., Project Supported by Higher Education Institutions, BİTÜMLİ ŞİST VE BİYOKÜTLENİN BERABER PİROLİZİ, 2011 - 2012

AKGÜL Y., Project Supported by Higher Education Institutions, TAMARİX HAMPECANIN İÇERDİĞİ BAZI BİLEŞİKLERİN İZOLASYONU VE YAPILARININ TAYİNİ, 2007 - 2009

AKGÜL Y., TUBITAK Project, Bazı benzofuran bileşiklerin kısmi sentezi ve biyolojik aktivitelerin incelenmesi, 2006 - 2008

AKGÜL Y., Project Supported by Higher Education Institutions, STYRAX OFFİCİNALİS L.NİN İÇERDİĞİ ESTER TRİTERPEN GLİKOZİDLERİN İZOLASYONU VE YAPILARININ TAYİNİ, 1993 - 1996

Scientific Refereeing

Project Supported by Other Official Institutions, Erciyes University, Turkey, October 2019

FOOD CHEMISTRY, SCI Journal, May 2018

TUBITAK Project, 3001 - Initial R&D Projects Support Program, Ege University, Turkey, May 2018

TUBITAK Project, 3001 - Initial R&D Projects Support Program, Ege University, Turkey, January 2018

FOOD CHEMISTRY, SCI Journal, December 2017

FOOD CHEMISTRY, SCI Journal, September 2017

FOOD CHEMISTRY, SCI Journal, March 2017

FOOD CHEMISTRY, SCI Journal, November 2016

FOOD CHEMISTRY, SCI Journal, July 2016

MEDICINAL CHEMISTRY RESEARCH, SCI Journal, November 2015

NATURAL PRODUCTS, SCI Journal, May 2015

International Journal of Food Engineering, SCI Journal, November 2014

MEDICINAL CHEMISTRY RESEARCH, SCI Journal, June 2014

Citations

Total Citations (WOS):336

h-index (WOS):6