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Yoksis Araştırmacı ID: 112389

Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya , Türkiye 1997 - 2004

Yüksek Lisans, İnönü Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya, Türkiye 1994 - 1997

Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Türkiye 1988 - 1992

Yaptığı Tezler

Doktora, 2-ASETİLNAFTALEN TÜREVİ YENİ BİLEŞİKLERİN SENTEZLERİ, ENANSİYOMER AYIRIMLARI, ANTİKONVÜLSAN VE ANTİMİKROBİYAL AKTİVİTELERİ ÜZERİNDE ÇALIŞMALAR , Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya, 2004

Yüksek Lisans, Antiepileptik, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya, 1997

Araştırma Alanları

Sağlık Bilimleri, Eczacılık, Meslek Bilimleri, Farmasötik Kimya

Akademik Unvanlar / Görevler

Prof.Dr., İnönü Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Devam Ediyor

Akademik İdari Deneyim

İnönü Üniversitesi, Eczacılık Fakültesi, 2005 - Devam Ediyor

Verdiği Dersler

418 FARMASÖTİK KİMYA IV, Lisans, 2013-2014

303 Farmasötik Kimya I, Lisans, 2013-2014

206 Organik Kimya II, Lisans, 2013-2014

353 Farmasötik Kimya I Lab, Lisans, 2013-2014
Yeni İlaçlar ve sentez yöntemleri, Lisans, 2013-2014
225 Laboratuvar Güvenliği, Lisans, 2013-2014
304 Farmasötik Kimya II, Lisans, 2013-2014
ARAŞTIRMA PROJESİ DERSİ II, Lisans, 2013-2014
453 Farmasötik Kimya III Lab, Lisans, 2013-2014
Farmasötik Kimya için literatür tarama teknikleri, Lisans Yandal, 2013-2014
454 FARMASÖTİK KİMYA IV LAB, Lisans, 2013-2014
Laboratuvara güvenli çalışma, Lisans Yandal, 2013-2014
Araştırma Projesi dersi, Lisans, 2013-2014
354 Farmasötik Kimya II Lab, Lisans, 2013-2014
ARAŞTIRMA PROJESİ DERSİ II, Lisans, 2012-2013
418 FARMASÖTİK KİMYA IV, Lisans, 2012-2013
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453 FARMASÖTİK KİMYA III LAB, Lisans, 2012-2013
FARMASÖTİK KİMYA İÇİN LİTERATÜR TARAMA TEKNİKLERİ, Lisans Yandal, 2012-2013
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ARAŞTIRMA PROJESİ DERSİ I, Lisans, 2012-2013
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303 FARMASÖTİK KİMYA I, Lisans, 2011-2012
222 ORGANİK KİMYA, Lisans, 2011-2012
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EFK 611 YENİ İLAÇLAR VE SENTEZ YÖNTEMLERİ, Lisans Yandal, 2011-2012
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454 FARMASÖTİK KİMYA IV LAB, Lisans, 2011-2012
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501 BİTİRME ÇALIŞMASI, Lisans, 2011-2012
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Yönetilen Tezler

KARAKURT A., Yeni (Arilalkil)triazol Türevi Oksim Esterlerin Sentezleri, Antikonvulsan ve Antimikrobiyal Aktiviteleri, Yüksek Lisans, S.SARI(Öğrenci), 2012
KARAKURT A., (Arilalkil)imidazol Türevi Yeni Bileşiklerin Sentezleri ve Antikonvulsan Aktiviteleri Üzerinde Çalışmalar,

Yüksek Lisans, M.Abdullah(Öğrenci), 2011

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Yüksek Lisans, Z.ÖZDEMİR(Öğrenci), 2010

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Histological assessment of liver and stomach damage caused by pyridazinone derivative antidepressant agents**
ÖZDEMİR Z., KARAKURT A., TAŞLIDERE E., VARDI N., ALAGÖZ M. A., PARLAKPINAR H., USLU H., GÖZÜKARA BAĞ H. G.
BIOTECHNIC & HISTOCHEMISTRY, cilt.97, sa.5, ss.355-362, 2022 (SCI-Expanded)
- II. **Antifungal Azole Derivatives Featuring Naphthalene Prove Potent and Competitive Cholinesterase Inhibitors with Potential CNS Penetration According to the in Vitro and in Silico Studies**
SARI S., AKKAYA D., ZENGİN M., SABUNCUOĞLU S., ÖZDEMİR Z., ALAGÖZ M. A., KARAKURT A., BARUT B.
CHEMISTRY & BIODIVERSITY, cilt.19, sa.7, 2022 (SCI-Expanded)
- III. **Conventional and microwave prompted synthesis of aryl(alkyl)azole oximes, 1H-NMR spectroscopic determination of E/Z isomer ratio and HOMO-LUMO analysis**
Bozbey I., Uslu H., Türkmenoğlu B., Özdemir Z., Karakurt A., Levent S.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1251, ss.1-12, 2022 (SCI-Expanded)
- IV. **Azoles containing naphthalene with activity against Gram-positive bacteria: in vitro studies and in silico predictions for flavohemoglobin inhibition**
SARI S., SABUNCUOĞLU S., KOÇAK ASLAN E., AVCI A., KART D., ÖZDEMİR Z., Acar M. F., Sayoglu B., ALAGÖZ M. A., KARAKURT A., et al.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, cilt.40, sa.20, ss.10220-10229, 2022 (SCI-Expanded)
- V. **Synthesis of New 1-Aryl-2-(3,5-dimethylpyrazol-1-yl)ethanone Oxime Ether Derivatives and Investigation of Their Cytotoxic Effects**
ALAGÖZ M. A., KARAKURT A., Hepokur C., ŞALVA E., Onkol T., Ghoneim M. M., Abdelgawad M. A., Khames A., Kim H., Mathew B.
PROCESSES, cilt.9, sa.11, 2021 (SCI-Expanded)
- VI. **Azole derivatives with naphthalene showing potent antifungal effects against planktonic and biofilm forms of *Candida* spp.: an in vitro and in silico study**
SARI S., Kocak E., KART D., ÖZDEMİR Z., Acar M. F., Sayoglu B., KARAKURT A., DALKARA S.
INTERNATIONAL MICROBIOLOGY, cilt.24, sa.1, ss.93-102, 2021 (SCI-Expanded)
- VII. **Antibacterial azole derivatives: Antibacterial activity, cytotoxicity, and in silico mechanistic studies**
SARI S., AVCI A., Kocak E., KART D., SABUNCUOĞLU S., DOĞAN İ. S., ÖZDEMİR Z., BOZBEY İ., KARAKURT A., Sarac S., et al.
DRUG DEVELOPMENT RESEARCH, cilt.81, sa.8, ss.1026-1036, 2020 (SCI-Expanded)
- VIII. **Synthesis, molecular modelling and biological activity of some pyridazinone derivatives as selective human monoamine oxidase-B inhibitors**
ÖZDEMİR Z., Alagoz M. A., Uslu H., KARAKURT A., Erikci A., Ucar G., UYSAL M.
PHARMACOLOGICAL REPORTS, cilt.72, sa.3, ss.692-704, 2020 (SCI-Expanded)
- IX. **p-Trifluoroacetophenone Oxime Ester Derivatives: Synthesis, Antimicrobial and Cytotoxic Evaluation and Molecular Modeling Studies**
Bozbey I., SARI S., ŞALVA E., KART D., KARAKURT A.
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.17, sa.2, ss.169-183, 2020 (SCI-Expanded)
- X. **Discovery of new azoles with potent activity against *Candida* spp. and *Candida albicans* biofilms through virtual screening**
SARI S., KART D., Ozturk N., KAYNAK F. B., Gencel M., TAŞKOR ÖNEL G., KARAKURT A., Sarac S., Essiz S., DALKARA S.
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- XI. **Antifungal screening and in silico mechanistic studies of an in-house azole library**

- SARI S., KART D., SABUNCUOĞLU S., DOĞAN İ. S., ÖZDEMİR Z., BOZBEY İ., Gencel M., EŞSİZ GÖKHAN Ş., Reynisson J., KARAKURT A., et al.
CHEMICAL BIOLOGY & DRUG DESIGN, cilt.94, sa.5, ss.1944-1955, 2019 (SCI-Expanded)
- XII. **Synthesis and cytotoxicity studies on new pyrazole-containing oxime ester derivatives**
KARAKURT A., Bozbey I., USLU H., SARI S., ÖZDEMİR Z., ŞALVA E.
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, cilt.18, sa.6, ss.1315-1322, 2019 (SCI-Expanded)
- XIII. **Synthesis, anticonvulsant screening, and molecular modeling studies of new arylalkylimidazole oxime ether derivatives**
ÖZDEMİR Z., SARI S., KARAKURT A., DALKARA S.
DRUG DEVELOPMENT RESEARCH, cilt.80, sa.2, ss.269-280, 2019 (SCI-Expanded)
- XIV. **Synthesis, anticonvulsant activity, and molecular modeling studies of novel 1-phenyl/1-(4-chlorophenyl)-2-(1H-triazol-1-yl)ethanol ester derivatives**
DOĞAN İ. S., ÖZDEMİR Z., SARI S., BOZBEY İ., KARAKURT A., Sarac S.
MEDICINAL CHEMISTRY RESEARCH, cilt.27, sa.9, ss.2171-2186, 2018 (SCI-Expanded)
- XV. **Design, synthesis, and molecular modeling of new 3(2H)-pyridazinone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors**
ÖZDEMİR Z., Yilmaz H., SARI S., KARAKURT A., ŞENOL F. S., UYSAL M.
MEDICINAL CHEMISTRY RESEARCH, cilt.26, sa.10, ss.2293-2308, 2017 (SCI-Expanded)
- XVI. **New Anti-Seizure (Arylalkyl)azole Derivatives: Synthesis, In Vivo and In Silico Studies**
SARI S., DALKARA S., KAYNAK F. B., Reynisson J., Sarac S., KARAKURT A.
ARCHIV DER PHARMAZIE, cilt.350, sa.6, 2017 (SCI-Expanded)
- XVII. **New (arylalkyl)azole derivatives showing anticonvulsant effects could have VGSC and/or GABA(A)R affinity according to molecular modeling studies**
SARI S., KARAKURT A., USLU H., KAYNAK F. B., Calis U., DALKARA S.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.124, ss.407-416, 2016 (SCI-Expanded)
- XVIII. **Coumarin or benzoxazinone based novel carbonic anhydrase inhibitors: synthesis, molecular docking and anticonvulsant studies**
KARATAŞ M. O., USLU H., SARI S., ALAGOZ M. A., KARAKURT A., ALICI B., Bilen C., Yavuz E., Gencer N., Arslan O.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.5, ss.760-772, 2016 (SCI-Expanded)
- XIX. **Synthesis, Anticonvulsant and Antimicrobial Activities of Some New [1-(2-Naphthyl)-2-(pyrazol-1-yl)ethanone]oxime Ethers**
ÖZDEMİR Z., KARAKURT A., Calis U., GÜNAL S., Isik S., Sahin Z. S., DALKARA S.
MEDICINAL CHEMISTRY, cilt.11, sa.1, ss.41-49, 2015 (SCI-Expanded)
- XX. **Evaluation of the Effects of Novel Nafimidone Derivatives on Thermal Hypoalgesia in Mice with Diabetic Neuropathy**
KAMIŞLI S., KARAKURT A., UYUMLU A. B., SATILMIŞ B., Alagoz A., GENÇ M. F., BATÇIOĞLU K.
BALKAN MEDICAL JOURNAL, cilt.30, sa.1, ss.94-98, 2013 (SCI-Expanded)
- XXI. **Synthesis of some novel 1-(2-naphthyl)-2-(imidazol-1-yl)ethanone oxime ester derivatives and evaluation of their anticonvulsant activity**
KARAKURT A., ALAGOZ M. A., Sayoglu B., Calis U., DALKARA S.
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- XXII. **Enantioseparation of Some New 1-(2-Naphthyl)-1-ethanol Ester Derivatives by HPLC on Chiralcel OD**
Karakurt A., SARAÇ Ş., DALKARA S.
CHROMATOGRAPHIA, cilt.75, ss.1191-1197, 2012 (SCI-Expanded)
- XXIII. **Recent Progress in Anticonvulsant Drug Research: Strategies for Anticonvulsant Drug Development and Applications of Antiepileptic Drugs for Non-Epileptic Central Nervous System Disorders**
DALKARA S., KARAKURT A.
CURRENT TOPICS IN MEDICINAL CHEMISTRY, cilt.12, sa.9, ss.1033-1071, 2012 (SCI-Expanded)
- XXIV. **Comparison of stereochemical structures of cholesterol from different sources by HPLC**
Farklı kaynaklardan elde edilenコレsterolün stereoekimyasal yapılarının HPLC ile karşılaştırılması
SATILMIŞ B., GÜLDÜR T., KARAKURT A., BÜYÜKTUNCHEL E., Ertan M.

- Marmara Pharmaceutical Journal, cilt.16, sa.3, ss.201-205, 2012 (SCI-Expanded)
- XXV. An X-ray and DFT Computational Study on 1-(Naphthalene-2-yl)-2-(1H-pyrazol-1-yl) ethanone O-butyl Oxime
Sahin Z. S., ÖZDEMİR Z., KARAKURT A., Isik S.
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- XXVI. Synthesis, anticonvulsant and antimicrobial activities of some new 2-acetylnaphthalene derivatives
Karakurt A., Ozalp M., Isik S., Stables J. P., DALKARA S.
BIOORGANIC & MEDICINAL CHEMISTRY, cilt.18, sa.8, ss.2902-2911, 2010 (SCI-Expanded)
- XXVII. CARDIOPROTECTIVE AND ANTIOXIDANT ACTIVITY OF BLUEBERRY ANTHOCYANINE AND POLYPHENOLS IN RATS
KARAKURT C., Gursoy S., Alagoz M. A., KARAKURT A., Aktays G., Kocak G.
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- XXVIII. SYNTHESIS OF SOME 1-(2-NAPHTHYL)-2-(PYRAZOL-1-YL)ETHANONE OXIME ETHER DERIVATIVES AND THEIR ANTICONVULSANT ACTIVITIES
Bulut Z., KARAKURT A., Calis U., DALKARA S.
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- XXIX. Synthesis of some oxime ether derivatives of 1-(2-naphthyl)-2(1,2,4-triazol-1-yl)ethanone and their anticonvulsant and antimicrobial activities
Karakurt A., AYTEMIR M. D., Stables J. P., OZALP M., KAYNAK F. B., OZBEY S., DALKARA S.
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- XXX. 2-bromo-1-(1-hydroxynaphthalen-2-yl)ethanone
KOYSAL Y., ISIK S., Karakurt A., DALKARA S.
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- XXXI. 2-(Imidazol-1-yl)-1-(2-naphthyl)ethanone O-propyloxime hydrochloride
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- XXXII. Synthesis of some 1-(2-naphthyl)-2-(imidazole-1-yl)ethanone oxime and oxime ether derivatives and their anticonvulsant and antimicrobial activities
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- XXXIII. 2-(imidazol-1-yl)-1-(2-naphthyl)ethanone oxime
KENDİ E., OZBEY S., Karakurt A., DALKARA S.
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Düzen Dergilerde Yayınlanan Makaleler

- I. Enantioseperation of 2-(1H-imidazol-1-yl)-1-(naphthalen-2-yl)ethan-1-ol which is active metabolite of anticonvulsant nafimidone
Karaca Karadoğan E., ÖZDEMİR Z., ZENNİ Y. N., KARAKURT A.
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- II. Cytotoxic effect of azole compounds bearing trifluorophenyl ring on MCF-7, MDA-MB-231, and HCT-116 cancer cell line
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- III. İlaç Metabolizması ve Farmasötik Kimyada Önemi Drug Metabolism and Its Importance in Pharmaceutical Chemistry
ÖZDEMİR Z., KARAKURT A.
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- IV. Synthesis and Analgesic, Antiinflammatory and Antimicrobial Evaluation of 6-Substituted-

- 3(2H)Pyridazinone-2-acetyl-2- (Substituted Benzal) Hydrazone Derivatives**
ÖZDEMİR Z., GÖKÇE M., KARAKURT A.
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- V. Synthesis and analgesic, antiinflammatory and antimicrobial evaluation of 6-substituted-3(2H)-pyridazinone-2-acetyl-2- (substituted benzal) hydrazone derivatives**
ÖZDEMİR Z., Gökçe M., KARAKURT A.
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- VI. Oximes and oxime ethers: I. Synthesis and pharmacological properties Oksim ve oksim eterler: I. Sentezleri ve farmakolojik ozellikleri**
Karakurt A., DALKARA S.
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- VII. Oximes and oxime ethers: II. Chemical and spectral properties Oksim ve oksim eterler: II. Kimyasal ve spektral ozellikleri**
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

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