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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), Türkiye 2009 - 2016

Yüksek Lisans, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), Türkiye 2007 - 2009

Lisans, Gazi Üniversitesi, Eczacılık Fakültesi, Eczacılık Pr. (4 Yıllık), Türkiye 2003 - 2007

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Bitkisel kaynaklı kozmetik ürün geliştirilmesi üzerine farmakognozik araştırmalar, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), 2016

Yüksek Lisans, Türkiye'xxde yetişen bazı Salvia türlerinin asetilkolinesteraz inhibitör etkisi üzerinde araştırmalar, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), 2009

Araştırma Alanları

Farmakognozi, Farmasötik Botanik

Akademik Unvanlar / Görevler

Doç.Dr., Gazi Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2009 - Devam Ediyor

Verdiği Dersler

FARMAKOGNOZİ III (Uygulama), Lisans, 2017 - 2018

FİTOTERAPİ VE UYGULAMALARI, Lisans, 2017 - 2018

FARMASÖTİK BOTANİK, Lisans, 2017 - 2018

FARMAKOGNOZİ I, Lisans, 2017 - 2018

AROMATERAPİYE GİRİŞ, Lisans, 2017 - 2018

DOĞAL KOZMETİKLER, Lisans, 2017 - 2018

FARMASÖTİK BOTANİK (Uygulama), Lisans, 2016 - 2017

FARMAKOGNOZİ I (Uygulama), Lisans, 2016 - 2017

FARMAKOGNOZİ II (Uygulama), Lisans, 2016 - 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Profiling cosmeceutical effects of various herbal extracts through elastase, collagenase, tyrosinase inhibitory and antioxidant assays**
Şenol Deniz F. S. , Erdoğan Orhan İ., Duman H.
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- II. **Butyrylcholinesterase-inhibiting natural coumarin molecules as potential leads**
Erdoğan Orhan İ., Tosun F., Şenol Deniz F. S. , Eren G., Mihoğlugil F., Akalgan D., Miski M.
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- III. **Exploration of anti-tyrosinase effect of Geranium glaberrimum Boiss. & Heldr. with in silico approach and survey of 21 Geranium species**
Celikler Ozer O., Orhan I. E. , Çalışkan B., Senol Deniz F. S. , Gokbulut A., Gur Maz T., Aysal A. İ. , Emerce E., Shekfeh S., Kahraman A., et al.
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- IV. **Erodium birandianum Ilarslan & Yurdak. shows anti-gout effect through xanthine oxidase inhibition: Combination of in vitro and in silico techniques and profiling of main components by LC-Q-ToF-MS**
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- V. **Outlining In Vitro and In Silico Cholinesterase Inhibitory Activity of Twenty-Four Natural Products of Various Chemical Classes: Smilagenin, Kokusagine, and Methyl Rosmarinate as Emboldening Inhibitors**
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- VI. **Molecular approach to promising cholinesterase inhibitory effect of several amaryllidaceae alkaloids: Further re-investigation**
Orhan İ., ŞENOL DENİZ F. S. , EREN G., Sener B.
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- VII. **Natural Products and Extracts as Xantine Oxidase Inhibitors - A Hope for Gout Disease?**
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- VIII. **Combined Structure and Ligand-Based Design of Selective Acetylcholinesterase Inhibitors**
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- IX. **Inhibition of Melanogenesis by Some Well-Known Polyphenolics: A Review**
ERDOĞAN ORHAN İ., DENİZ F. S.
CURRENT PHARMACEUTICAL BIOTECHNOLOGY, cilt.22, sa.11, ss.1412-1423, 2021 (SCI İndekslerine Giren Dergi)
- X. **Evaluation of collagenase, elastase and tyrosinase inhibitory activities of Cotinus coggygria Scop. through in vitro and in silico approaches**
Şenol Deniz F. S. , Salmas R. E. , Emerce E., Çankaya İ. İ. , Yusufoglu H. S. , Erdoğan Orhan İ.
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- XI. **Norditerpenoids with Selective Anti-Cholinesterase Activity from the Roots of Perovskia atriplicifolia Benth.**
Slusarczyk S., Senol Deniz F. S. , Abel R., Pecio L., Perez-Sanchez H., Ceron-Carrasco J. P. , den-Haan H., Banerjee P., Preissner R., Krzyzak E., et al.
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- XII. **Evaluation of Activity of Some 2,5-Disubstituted Benzoxazole Derivatives against Acetylcholinesterase, Butyrylcholinesterase and Tyrosinase: ADME Prediction, DFT and Comparative Molecular Docking Studies**
ÇELİK İ., EROL M., ARPACI Ö., Senol F. S. , ERDOĞAN ORHAN İ.

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- XIII. **Reinvestigation of *Herniaria glabra* L. saponins and their biological activity**
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- XIV. **A Series of New Hydrazone Derivatives: Synthesis, Molecular Docking and Anticholinesterase Activity Studies**
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- XV. **Yuccalechins A-C from the *Yucca schidigera* Roezl ex Ortgies Bark: Elucidation of the Relative and Absolute Configurations of Three New Spirobiflavonoids and Their Cholinesterase Inhibitory Activities**
Pecio L., Alilou M., Kozachok S., ERDOĞAN ORHAN İ., EREN G., ŞENOL DENİZ F. S. , Stuppner H., Oleszek W.
MOLECULES, cilt.24, sa.22, 2019 (SCI İndekslerine Giren Dergi)
- XVI. **Novel pyridazinone derivatives as butyrylcholinesterase inhibitors**
Dündar Y., Kuyrukçu Ö., Eren G., Şenol Deniz F. S. , Önkol T., Erdoğan Orhan İ.
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- XVII. **Metabolite Profiling by Hyphenated Liquid Chromatographic Mass Spectrometric Technique (HPLC-DAD-ESI-Q-TOF-MS/MS) and Neurobiological Potential of *Haplophyllum sahinii* and *H. vulcanicum* Extracts**
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- XVIII. **Profiling Auspicious Butyrylcholinesterase Inhibitory Activity of Two Herbal Molecules: Hyperforin and Hyuganin C**
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- XIX. **Selective in vitro and in silico cholinesterase inhibitory activity of isoflavones and stilbenes from *Belamcandae chinensis* rhizoma**
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- XX. **Combined molecular modeling and cholinesterase inhibition studies on some natural and semisynthetic O-alkylcoumarin derivatives**
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S. , Salmas R. E. , DURDAĞI S., Epifano F., Genovese S., Fiorito S.
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- XXI. **High-performance counter-current chromatography isolation and initial neuroactivity characterization of furanocoumarin derivatives from *Peucedanum alsaticum* L (Apiaceae)**
Kozioł E., ŞENOL DENİZ F. S. , ERDOĞAN ORHAN İ., Marcourt L., Budzynska B., Wolfender J., Crawford A. D. , Skalicka-Wozniak K.
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- XXII. **Drug Design of Inhibitors of Alzheimer's Disease (AD): POM and DFT Analyses of Cholinesterase Inhibitory Activity of beta-amino di-Carbonyl Derivatives**
Ben Hadda T., Rauf A., Zgou H., ŞENOL DENİZ F. S. , ERDOĞAN ORHAN İ., Mabkhot Y. N. , Althagafi I. I. , Farghaly T. A. , Alterary S.
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- XXIII. **Novel Piperazine Amides of Cinnamic Acid Derivatives as Tyrosinase Inhibitors**
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- XXIV. **Amberboin and lipidiol: X-ray crystallographic data, absolute configuration and inhibition of cholinesterase**
Elsebai M. F. , Ghabbour H. A. , Marzouk A. M. , Salmas R. E. , ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S.

- PHYTOCHEMISTRY LETTERS, cilt.27, ss.44-48, 2018 (SCI İndekslerine Giren Dergi)
- XXV. **Molecular modeling and in vitro approaches towards cholinesterase inhibitory effect of some natural xanthohumol, naringenin, and acyl phloroglucinol derivatives**
ERDOĞAN ORHAN İ., Jedrejek D., ŞENOL DENİZ F. S. , Salmas R. E. , DURDAĞI S., Kowalska I., Pecio L., Oleszek W.
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- XXVI. **Phenolic Acid Profile and in vitro Neurobiological Effect of Phlomis grandiflora HS Thompson var. grandiflora**
ŞENOL DENİZ F. S. , GÜNBATAN T., ÖZTÜRK N., GÜRBÜZ İ., ERDOĞAN ORHAN İ.
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- XXVII. **Neuroprotective potential of the fruit (acorn) from Quercus coccifera L.**
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- XXVIII. **Cholinesterase Inhibitory Activity of Some Semi-rigid Spiro Heterocycles: POM Analyses and Crystalline Structure of Pharmacophore Site**
Ben Hadda T., Talhi O., Silva A. S. M. , ŞENOL DENİZ F. S. , ERDOĞAN ORHAN İ., Rauf A., Mabkhot Y. N. , Bachari K., Warad I., Farghaly T. A. , et al.
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- XXIX. **Neuroprotective potential of Viburnum orientale Pallas through enzyme inhibition and antioxidant activity assays**
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South African Journal of Botany, cilt.114, ss.126-131, 2018 (SCI Expanded İndekslerine Giren Dergi)
- XXX. **Pteryxin - A promising butyrylcholinesterase-inhibiting coumarin derivative from Mutellina purpurea**
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S. , Shekfeh S., Skalicka-Wozniak K., BANOĞLU E.
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- XXXI. **Promising anticancer activity of Cyclotrichium niveum L. extracts through induction of both apoptosis and necrosis**
ÖZDEMİR A., Yıldız M., ŞENOL DENİZ F. S. , Simay Y. D. , İbogu B., GÖKBULUT A., ERDOĞAN ORHAN İ., ARK M.
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- XXXII. **Design, synthesis, and molecular modeling of new 3(2H)-pyridazinone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors**
ÖZDEMİR Z., Yilmaz H., SARI S., KARAKURT A., ŞENOL DENİZ F. S. , UYSAL M.
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- XXXIII. **Cassia tora Linn.: A boon to Alzheimer's disease for its anti-amyloidogenic and cholinergic activities**
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- XXXIV. **Chemical Composition and Cholinesterase Inhibitory Activity of Different Parts of Daucus aristidis Coss. Essential Oils from Two Locations in Algeria**
Lamamra M., Laouer H., Amira S., ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S. , DEMİRÇİ B., Akkal S.
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- XXXV. **Adonis sp., Convallaria sp., Strophanthus sp., Thevetia sp., and Leonurus sp Cardiotoxic Plants with Known Traditional Use and a Few Preclinical and Clinical Studies**
ERDOĞAN ORHAN İ., GÖKBULUT A., ŞENOL DENİZ F. S.
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- XXXVI. **Selective in vitro and in silico butyrylcholinesterase inhibitory activity of diterpenes and rosmarinic acid isolated from Perovskia atriplicifolia Benth. and Salvia glutinosa L.**
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- XXXVII. **Antioxidant potential of some natural and semi-synthetic flavonoid derivatives and the extracts from Maclura pomifera (Rafin.) Schneider (osage orange) and its essential oil composition**

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- XXXVIII. **Biological evaluation and docking studies of some benzoxazole derivatives as inhibitors of acetylcholinesterase and butyrylcholinesterase**
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- XXXIX. **Anticholinesterase, antioxidant, analgesic and anti-inflammatory activity assessment of Xeranthemum annuum L. and isolation of two cyanogenic compounds**
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- XL. **Development of an Efficient Protocol for Cimifugin Isolation from Peucedanum schottii and Evaluation of Enzyme Inhibitory Activity**
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- XLII. **HPTLC Fingerprinting and Cholinesterase Inhibitory and Metal-Chelating Capacity of Various Citrus Cultivars and Olea europaea**
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- XLIII. **Exploring in vitro neurobiological effects and high-pressure liquid chromatography-assisted quantitation of chlorogenic acid in 18 Turkish coffee brands**
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- XLIV. **ADULTERATION AND SAFETY ISSUES IN NUTRACEUTICALS AND DIETARY SUPPLEMENTS: INNOCENT OR RISKY?**
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- XLV. **Memory-vitalizing effect of twenty-five medicinal and edible plants and their isolated compounds**
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- XLVI. **Designing Multi-Targeted Therapeutics for the Treatment of Alzheimer's Disease**
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- XLVII. **Tyrosinase and Cholinesterase Inhibitory Potential and Flavonoid Characterization of Viola odorata L. (Sweet Violet)**
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S. , Erdem S. A. , Tatli I. I. , KARTAL M., Alp Ş.
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- XLVIII. **In vitro cholinesterase inhibitory and antioxidant effect of selected coniferous tree species**
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- XLIX. **Assessment of cholinesterase and tyrosinase inhibitory and antioxidant properties of Viscum album L. samples collected from different host plants and its two principal substances**
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- L. **Comparative antioxidant activity appraisal of traditional Sudanese kisra prepared from two sorghum cultivars**
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- L. **Prospective neurobiological effects of the aerial and root extracts and some pure compounds of**

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- L.I. **In Silico Approach to Inhibition of Tyrosinase by Ascorbic Acid Using Molecular Docking Simulations**
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- L.II. **Cholinesterase and tyrosinase inhibition studies and antioxidant activities of four Onosma species from Turkey**
ŞENOL DENİZ F. S. , Renda G., Bulut G., Ozgen U., Orhan E.
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- L.III. **Phytochemical contents and enzyme inhibitory and antioxidant properties of Anethum graveolens L. (dill) samples cultivated under organic and conventional agricultural conditions**
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- L.IV. **A mechanistic investigation on anticholinesterase and antioxidant effects of rose (Rosa damascena Mill.)**
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- L.V. **Discovery of potent in vitro neuroprotective effect of the seed extracts from seven Paeonia L. (peony) taxa and their fatty acid composition**
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- XV. **Karbamat Yapısı Taşıyan Piridazin Türevlerinin Sentezi, Asetilkolinesteraz/ Butirilkolinesteraz İnhibitör Aktiviteleri ve Moleküler Modelleme Çalışmaları**
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- XVI. **Kırmızı Kaliforniya Solucanı Ekstrelerinin Enzim İnhibitör ve Mezenkimal Kök Hücre Kültürü Üzerindeki Etkileri – Kozmetik Ürün ve Dış Sağlığında Yeni Bir Doğal Hammadde**
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- XIX. **Neuroprotective Effect of Boswellic Resin Against Neuronal Loss and Nervous Disorders Induced by Lead: (Experimental Study in Mice)**
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- XXIII. **New Approaches to Develop Novel Cosmetics from Natural Sources**
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- XXIV. **Cholinesterase Inhibitory and LC-MS Analysis of the Bulbs of Fritillaria L. Species from Turkey,**
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- XXV. **CHOLINESTERASE INHIBITORY AND LC-MS ANALYSIS OF THE BULBS OF EIGHT FRITILLARIA L. SPECIES FROM TURKEY**
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- XXVIII. **Profiling Auspicious Butyrylcholinesterase Inhibitory Activity of Hyuganin C**
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- XLVII. Vitabell® Markasına Giden Yol – Yeşil Çay ve Üzüm Çekirdeği Ekstrelerinden Hareketle Kırıksıklık Karşıtı Mikroemülsiyon Kozmetik Formülasyonları**
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- XLVIII. Türkiye’de Yetişen Bazı Geofitlerin Fitokimyasal Analizleri ve Biyolojik Aktiviteleri Üzerinde Çalışmalar**
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Inhibitors for Alzheimer Disease

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