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Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Anabilim Dalı, Türkiye 1983 - 1991

Yüksek Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Anabilim Dalı, Türkiye 1979 - 1983

Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Türkiye 1975 - 1979

Yabancı Diller

İngilizce, C1 İleri

Fransızca, B2 Orta Üstü

Araştırma Alanları

Yaşam Bilimleri, Biyokimya, Biyomoleküller, Enzimoloji, Nörobiyoloji, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2005 - Devam Ediyor

Doç. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1996 - 2005

Yrd. Doç. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1992 - 1996

Araştırma Görevlisi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1981 - 1992

Yönetilen Tezler

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UÇAR G., Alzheimer hastalığında oluşan beta-amiloid fibrillerin yeni sentezlenen kolinesteraz inhibitörleri ile destabilizasyonu, Doktora, H.EDA(Öğrenci), 2012

UÇAR G., Selektif MAO-B inhibitörü selejilin yüklü PLGA-b-PEG nanopartiküllerin hazırlanması ve beta-amiloid fibrillerle etkileşiminin incelenmesi, Yüksek Lisans, İ.BAYSAL(Öğrenci), 2012

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- II. **Prognostic gene biomarkers for c-Src inhibitor Si162 sensitivity in melanoma cells**
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- III. **Enterotoxins A and B produced by Staphylococcus aureus increase cell proliferation, invasion and cytarabine resistance in acute myeloid leukemia cell lines.**
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- V. **Harbinger of Trouble; Fingerprints in the Pre-Senile Stage of NK Cell's Dysfunction**
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- VI. **Pathobiological alterations affecting the distinct clinical courses of pediatric versus adult COVID-19 syndrome**
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- VII. **Donepezil-loaded PLGA-b-PEG Nanoparticles Enhance the Learning and Memory Function of Beta-Amyloid Rat Model of Alzheimer's Disease Donepezil Yüklü PLGA-b-PEG Nanopartiküller Beta-Amiloid Alzheimer Hastalığı Sıçan Modelinde Öğrenme ve Hafızayı Geliştirir**
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- VIII. **CANDIDATE BIOMARKER(S) FOR CYSTINOSIS WITH OMIC-BASED TECHNOLOGY: FROM LABORATORY TO BED-SIDE**
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- IX. **Brain permeable curcumin-based pyrazoline analogs: MAO inhibitory and antioxidant activity**
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- X. **NK-cell dysfunction of acute myeloid leukemia in relation to the renin-angiotensin system and neurotransmitter genes**
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- XI. **Effects of Probiotic Bacteria on Central Neuronal Activation in Experimental Colitis**
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- XII. **Trimethoxy Crown Chalcones as Multifunctional Class of Monoamine Oxidase Enzyme Inhibitors**
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- XIII. **Assessing the genetic impact of Enterococcus faecalis infection on gastric cell line MKN74**
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- XIV. **Identification of Phenolic Compounds by LC-MS/MS and Evaluation of Bioactive Properties of Two Edible Halophytes: Limonium effusum and L. sinuatum**
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- XV. **Pharmacological Protection against Ischemia-Reperfusion Injury by Regulating the Nrf2-Keap1-ARE Signaling Pathway**
Ucar B. I., UÇAR G., Saha S., Buttari B., Profumo E., Saso L.
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- XVI. **New 2-Pyrazoline and Hydrazone Derivatives as Potent and Selective Monoamine Oxidase A Inhibitors.**
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- XVII. **Renin angiotensin system genes are biomarkers for personalized treatment of acute myeloid leukemia with Doxorubicin as well as etoposide**
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- XVIII. **Effects of endothelin receptor blockade and COX inhibition on intestinal I/R injury in a rat model: Experimental research**
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- XIX. **Synthesis, molecular modelling and biological activity of some pyridazinone derivatives as selective human monoamine oxidase-B inhibitors**
ÖZDEMİR Z., ALAGÖZ M. A., USLU H., KARAKURT A., Erikci A., Ucar G., UYSAL M.
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- XX. **Absolute configuration and biological profile of pyrazoline enantiomers as MAO inhibitory activity**
Goksen U. S., Sarigul S., Bultinck P., Herrebout W., Dogan I., YELEKÇİ K., UÇAR G., GÖKHAN KELEKÇİ N.
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- XXI. **Effects of two selected SSRIs on hemorheological parameters in rats.**
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- XXII. **Transforming growth factor-beta 3 (TGF-beta 3) loaded PLGA-b-PEG nanoparticles: Efficacy in preventing cardiac fibrosis induced by TGF-beta 1**
Yabanoglu-Ciftci S., BAYSAL İ., ERİKÇİ A., Arica B., UÇAR G.
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- XXIV. **Asymmetric synthesis, molecular modeling and biological evaluation of 5-methyl-3-aryloxazolidine-2,4-dione enantiomers as monoamine oxidase (MAO) inhibitors**
Gunal S. E., Tuncel S. T., GÖKHAN KELEKÇİ N., UÇAR G., Dursun B. Y., ERDEM S., Dogan I.
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- XXV. **Characterization of Thienylchalcones as hMAO-B Inhibitors: Synthesis, Biochemistry and Molecular**

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- XXVI. **Monoamine oxidase inhibitory activity of methoxy-substituted chalcones**
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- XXVII. **Trimetazidine Increases Cell Survival and Inhibits the Activation of Inflammatory Response in Sodium Taurocholate-Induced Acute Pancreatitis**
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- XXVIII. **Design, synthesis and MAO inhibitory activity of 2-(arylmethylidene)2,3-dihydro-1-benzofuran-3-one derivatives**
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- XXIX. **Pharmacophore-Based 3D-QSAR Analysis of Thienyl Chalcones as a New Class of Human MAO-B Inhibitors: Investigation of Combined Quantum Chemical and Molecular Dynamics Approach**
Mathew B., Adeniyi A. A., Dev S., Joy M., UÇAR G., Mathew G. E., Singh-Pillay A., Soliman M. E. S.
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- XXX. **Donepezil loaded PLGA-b-PEG nanoparticles: their ability to induce destabilization of amyloid fibrils and to cross blood brain barrier in vitro**
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- XXXI. **New Human Monoamine Oxidase A Inhibitors with Potential Anti- Depressant Activity: Design, Synthesis, Biological Screening and Evaluation of Pharmacological Activity.**
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- XXXII. **Design, Synthesis and hMAO Inhibitory Screening of Novel 2-Pyrazoline Analogues**
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- XXXIII. **Monoamine Oxidase Inhibitory Activity: Methyl- versus Chlorochalcone Derivatives**
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- XXXIV. **Monoamine Oxidase Inhibitory Activity of Novel Pyrazoline Analogues: Curcumin Based Design and Synthesis-II**
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- XXXV. **Exploration of chlorinated thienyl chalcones: A new class of monoamine oxidase-B inhibitors**
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- XXXVI. **Potent and Selective Monoamine Oxidase-B Inhibitory Activity: Fluoro- vs. Trifluoromethyl-4-hydroxylated Chalcone Derivatives.**
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- XXXVII. **Role of serotonin in the regulation of renal proximal tubular epithelial cells**
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- XXXVIII. **Identification of Indole-Based Chalcones: Discovery of a Potent, Selective, and Reversible Class of MAO-B Inhibitors**
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- XL. **Monoamine Oxidase Inhibitory Activity of Ferulic Acid Amides: Curcumin-Based Design and Synthesis**
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- XLI. **Monoamine Oxidase Inhibitory Activity of Novel Pyrazoline Analogues: Curcumin Based Design and Synthesis**
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- XLII. **Synthesis and Screening of Human Monoamine Oxidase-A Inhibitor Effect of New 2-Pyrazoline and Hydrazone Derivatives**
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- XLIII. **Development of fluorinated methoxylated chalcones as selective monoamine oxidase-B inhibitors: Synthesis, biochemistry and molecular docking studies**
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- XLIV. **Flavonoids from Sideritis Species: Human Monoamine Oxidase (hMAO) Inhibitory Activities, Molecular Docking Studies and Crystal Structure of Xanthomicrol**
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- XLV. **Monoamine oxidase inhibitory activity of 2-aryl-4H-chromen-4-ones**
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- XLVI. **ICAM-1 targeted catalase encapsulated PLGA-b-PEG nanoparticles against vascular oxidative stress**
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- XLVII. **Development of Fluorinated Thienylchalcones as Monoamine Oxidase-B Inhibitors: Design, Synthesis, Biological Evaluation and Molecular Docking Studies**
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- XLVIII. **Synthesis of some novel hydrazone and 2-pyrazoline derivatives: Monoamine oxidase inhibitory activities and docking studies**
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- XLIX. **EFFECT OF ACRYLAMIDE TREATMENT ON ARGINASE ACTIVITIES AND NITRIC OXIDE LEVELS IN RAT LIVER AND KIDNEY**
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- L. **Monoamine oxidase inhibitory activity of 3,5-biaryl-4,5-dihydro-1H-pyrazole-l-carboxylate derivatives**
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- LI. **Interaction of selegiline-loaded PLGA-b-PEG nanoparticles with beta-amyloid fibrils**
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- LII. **Evaluation of selective human MAO inhibitory activities of some novel pyrazoline derivatives**

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- LIV. **Synthesis, molecular modeling and evaluation of novel N'-2-(4-benzylpiperidin-/piperazin-1-yl)acylhydrazone derivatives as dual inhibitors for cholinesterases and A beta aggregation**
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- LV. **Synthesis and Evaluation of Human Monoamine Oxidase Inhibitory Activities of Some 3,5-Diaryl-N-substituted-4,5-dihydro-1H-pyrazole-1-carbothioamide Derivatives**
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- LVI. **Effects of nitrite on hepatic ischemia-reperfusion injury**
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- LVII. **Pyrazoline based MAO inhibitors: Synthesis, biological evaluation and SAR studies**
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- LVIII. **The Effect of Exopolysaccharide-Producing Probiotic Strains on Gut Oxidative Damage in Experimental Colitis**
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- LIX. **Monoamine oxidase (MAO) activity and MAO-derived hydroxyl radical production in mouse model of hepatic ischemia-reperfusion injury**
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- LX. **Development of selective and reversible pyrazoline based MAO-A inhibitors: Synthesis, biological evaluation and docking studies**
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- XI. **EPITHELIAL-MESENCHYMAL TRANSITION (EMT) IN CANCER**
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XXXII. Effets of platelet derived serotonin on renal injury

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XXXIII. Novel reversible and selective pyrazoline based hMAO A inhibitors synthesis docking studies and biological evaluation

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Metrikler

Yayın: 118

Atıf (WoS): 1032

Atıf (Scopus): 925

H-İndeks (WoS): 22

H-İndeks (Scopus): 19