

Prof. GÜLBERK UÇAR

Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Anabilim Dalı, Turkey 1983 - 1991

Postgraduate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Anabilim Dalı, Turkey 1979 - 1983

Undergraduate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Turkey 1975 - 1979

Foreign Languages

English, C1 Advanced

French, B2 Upper Intermediate

Research Areas

Life Sciences, Biochemistry, Biomolecules, Enzymology, Neurobiology, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2005 - Continues

Associate Professor, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1996 - 2005

Assistant Professor, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1992 - 1996

Research Assistant, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1981 - 1992

Advising Theses

UÇAR G., Serotoninin renal hasardaki rolü, Doctorate, A.ERİKÇİ(Student), 2015

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

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

UÇAR G., Nitrit uygulamasının karaciğer iskemi reperfüzyon hasarı üzerine etkileri, Postgraduate, A.YALOVAÇ(Student), 2010

UÇAR G., Involvement of serotonin in the development of cardiac remodeling, Doctorate, S.YABANOĞLU(Student), 2008

UÇAR G., Akrilamid kaynaklı olası oksidatif stresin sıçan doku arjinaz ve nitrik oksit sentaz aktivitelerine etkisi, Postgraduate, H.EDA(Student), 2007

UÇAR G., Triarilmetan boyaların redoks sistemi enzimleri ile etkileşimleri, Doctorate, E.TOPALOĞLU(Student), 2005

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

- I. **Assessing the genetic impact of *Enterococcus faecalis* infection on gastric cell line MKN74**
TÜRK S., Turk C., Temirci E. S. , Malkan U. Y. , UÇAR G., Ozguven S. V.
ANNALS OF MICROBIOLOGY, vol.71, no.1, 2021 (Journal Indexed in SCI)
- II. **Identification of Phenolic Compounds by LC-MS/MS and Evaluation of Bioactive Properties of Two Edible Halophytes: *Limonium effusum* and *L. sinuatum***
BAYSAL İ., EKİZOĞLU M., ERTAŞ A., Temiz B., AĞALAR H. G. , YABANOĞLU ÇİFTÇİ S., TEMEL H., UÇAR G., Turkmenoglu F. P.
MOLECULES, vol.26, no.13, 2021 (Journal Indexed in SCI)
- III. **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.
ANTIOXIDANTS, vol.10, no.6, 2021 (Journal Indexed in SCI)
- IV. **New 2-Pyrazoline and Hydrazone Derivatives as Potent and Selective Monoamine Oxidase A Inhibitors.**
Salgin-Goksen U., Telli G., Erikci A., Dedecengiz E., Tel B. C. , Kaynak F. B. , Yelekçi K., Uçar G., Gökhan Kelekçi N.
Journal of medicinal chemistry, vol.64, no.4, pp.1989-2009, 2021 (Journal Indexed in SCI Expanded)
- V. **Renin angiotensin system genes are biomarkers for personalized treatment of acute myeloid leukemia with Doxorubicin as well as etoposide**
Turk S., Turk C., Akbar M., Kucukkaraduman B., Isbilen M., Demirkol C., Malkan U., Okay M., Ucar G., Sayinalp N., et al.
PLOS ONE, vol.15, no.11, 2020 (Journal Indexed in SCI)
- VI. **Effects of endothelin receptor blockade and COX inhibition on intestinal I/R injury in a rat model: Experimental research**
Ucar B. I. , Erikci A., Kosemehmetoglu K., Ozkul C., Iskit A. B. , Ucar G., Zeren S.
INTERNATIONAL JOURNAL OF SURGERY, vol.83, pp.89-97, 2020 (Journal Indexed in SCI)
- VII. **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.
PHARMACOLOGICAL REPORTS, vol.72, no.3, pp.692-704, 2020 (Journal Indexed in SCI)
- VIII. **Effects of two selected SSRIs on hemorheological parameters in rats.**
Arihan O., Yabanoglu S., Ucar G., Falkmarken N.
Clinical hemorheology and microcirculation, vol.71, pp.27-38, 2019 (Journal Indexed in SCI Expanded)
- IX. **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.
CHIRALITY, vol.31, no.1, pp.21-33, 2019 (Journal Indexed in SCI)
- X. **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.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.48, pp.223-234, 2018 (Journal Indexed in SCI)
- XI. **Curcumin-based pyrazoline analogues as selective inhibitors of human monoamine oxidase A**
Nath C., Badavath V. N. , Thakur A., UÇAR G., Acevedo O., Siddique M. U. M. , Jayaprakash V.
MEDCHEMCOMM, vol.9, no.7, pp.1164-1171, 2018 (Journal Indexed in SCI)
- XII. **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.
BIOORGANIC CHEMISTRY, vol.77, pp.608-618, 2018 (Journal Indexed in SCI)
- XIII. **Characterization of Thienylchalcones as hMAO-B Inhibitors: Synthesis, Biochemistry and Molecular Dynamics Studies**
Mathew B., UÇAR G., Rapheal C., Mathew G. E. , Joy M., Machaba K. E. , Soliman M. E. S.
CHEMISTRYSELECT, vol.2, no.34, pp.11113-11119, 2017 (Journal Indexed in SCI)
- XIV. **Monoamine oxidase inhibitory activity of methoxy-substituted chalcones**

Mathew B., Mathew G. E. , UÇAR G., Joy M., Nafna E. K. , Lohidakshan K. K. , Suresh J.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.104, pp.1321-1329, 2017 (Journal Indexed in SCI)

- XV. **Trimetazidine Increases Cell Survival and Inhibits the Activation of Inflammatory Response in Sodium Taurocholate-Induced Acute Pancreatitis**
Isik S., Sengul N., Tore F., AYDIN C., Aslan A., UÇAR G., FIRAT T., KÜKNER A., Bayram R., Demirbag A. E. , et al.
INTERNATIONAL SURGERY, vol.102, pp.542-551, 2017 (Journal Indexed in SCI)
- XVI. **Design, synthesis and MAO inhibitory activity of 2-(arylmethylidene)2,3-dihydro-1-benzofuran-3-one derivatives**
Badavath V. N. , Nath C., Ganta N. M. , UÇAR G., Sinha B. N. , Jayaprakash V.
CHINESE CHEMICAL LETTERS, vol.28, no.7, pp.1528-1532, 2017 (Journal Indexed in SCI)
- XVII. **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.
JOURNAL OF PHYSICAL CHEMISTRY B, vol.121, no.6, pp.1186-1203, 2017 (Journal Indexed in SCI)
- XVIII. **Donepezil loaded PLGA-b-PEG nanoparticles: their ability to induce destabilization of amyloid fibrils and to cross blood brain barrier in vitro**
BAYSAL İ., UÇAR G., GULTEKINOGLU M., ULUBAYRAM K., Yabanoglu-Ciftci S.
JOURNAL OF NEURAL TRANSMISSION, vol.124, no.1, pp.33-45, 2017 (Journal Indexed in SCI)
- XIX. **Design, Synthesis and hMAO Inhibitory Screening of Novel 2-Pyrazoline Analogues**
Evrans-Aksoz B., UÇAR G., YELEKÇİ K.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.20, no.6, pp.510-521, 2017 (Journal Indexed in SCI)
- XX. **New Human Monoamine Oxidase A Inhibitors with Potential Anti- Depressant Activity: Design, Synthesis, Biological Screening and Evaluation of Pharmacological Activity.**
Evrans-Aksoz B., Ucar G., Tas S., Aksoz E., Yelekci K., Erikci A., Sara Y., Iskit A. B.
Combinatorial chemistry & high throughput screening, vol.20, pp.461-473, 2017 (Journal Indexed in SCI Expanded)
- XXI. **Monoamine Oxidase Inhibitory Activity: Methyl- versus Chlorochalcone Derivatives**
Mathew B., UÇAR G., Mathew G. E. , Mathew S., Purapurath P. K. , Moolayil F., Mohan S., Gupta S. V.
CHEMMEDCHEM, vol.11, no.24, pp.2649-2655, 2016 (Journal Indexed in SCI)
- XXII. **Monoamine Oxidase Inhibitory Activity of Novel Pyrazoline Analogues: Curcumin Based Design and Synthesis-II**
Badavath V. N. , UÇAR G., Sinha B. N. , Mondal S. K. , Jayaprakash V.
CHEMISTRYSELECT, vol.1, no.18, pp.5879-5884, 2016 (Journal Indexed in SCI)
- XXIII. **Exploration of chlorinated thienyl chalcones: A new class of monoamine oxidase-B inhibitors**
Mathew B., Haridas A., UÇAR G., BAYSAL İ., Adeniyi A. A. , Soliman M. E. S. , Joy M., Mathew G. E. , Lakshmanan B., Jayaprakash V.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.91, pp.680-695, 2016 (Journal Indexed in SCI)
- XXIV. **Identification of Indole-Based Chalcones: Discovery of a Potent, Selective, and Reversible Class of MAO-B Inhibitors**
Sasidharan R., Manju S. L. , UÇAR G., BAYSAL İ., Mathew B.
ARCHIV DER PHARMAZIE, vol.349, no.8, pp.627-637, 2016 (Journal Indexed in SCI)
- XXV. **Potent and Selective Monoamine Oxidase-B Inhibitory Activity: Fluoro- vs. Trifluoromethyl-4-hydroxylated Chalcone Derivatives.**
Mathew B., Mathew G. E. , Ucar G., BAYSAL İ., Suresh J., Mathew S., Haridas A., Jayaprakash V.
Chemistry & biodiversity, vol.13, no.8, pp.1046-52, 2016 (Journal Indexed in SCI Expanded)
- XXVI. **Role of serotonin in the regulation of renal proximal tubular epithelial cells**
ERİKÇİ A., UÇAR G., YABANOĞLU ÇİFTÇİ S.
RENAL FAILURE, vol.38, no.7, pp.1141-1150, 2016 (Journal Indexed in SCI)

- XXVII. **Synthesis, Biochemistry, and Computational Studies of Brominated Thienyl Chalcones: A New Class of Reversible MAO-B Inhibitors**
Mathew B, Haridas A, UÇAR G, BAYSAL İ, Joy M, Mathew G. E. , Lakshmanan B, Jayaprakash V.
CHEMMEDCHEM, vol.11, no.11, pp.1161-1171, 2016 (Journal Indexed in SCI)
- XXVIII. **Monoamine Oxidase Inhibitory Activity of Ferulic Acid Amides: Curcumin-Based Design and Synthesis**
Badavath V. N. , BAYSAL İ, UÇAR G., Mondal S. K. , Sinha B. N. , Jayaprakash V.
ARCHIV DER PHARMAZIE, vol.349, no.1, pp.9-19, 2016 (Journal Indexed in SCI)
- XXIX. **Monoamine Oxidase Inhibitory Activity of Novel Pyrazoline Analogues: Curcumin Based Design and Synthesis**
Badavath V. N. , BAYSAL İ, UÇAR G., Sinha B. N. , Jayaprakash V.
ACS MEDICINAL CHEMISTRY LETTERS, vol.7, no.1, pp.56-61, 2016 (Journal Indexed in SCI)
- XXX. **Synthesis and Screening of Human Monoamine Oxidase-A Inhibitor Effect of New 2-Pyrazoline and Hydrazone Derivatives**
EVRANOS-AKSOZ B., BAYSAL İ., Yabanoglu-Ciftci S., Djikic T., Yelekci K., UÇAR G., Ertan R.
ARCHIV DER PHARMAZIE, vol.348, no.10, pp.743-756, 2015 (Journal Indexed in SCI)
- XXXI. **Development of fluorinated methoxylated chalcones as selective monoamine oxidase-B inhibitors: Synthesis, biochemistry and molecular docking studies**
Mathew B, Mathew G. E. , UÇAR G, BAYSAL İ, Suresh J, Vilapurathu J. K. , Prakasan A, Suresh J. K. , Thomas A.
BIOORGANIC CHEMISTRY, vol.62, pp.22-29, 2015 (Journal Indexed in SCI)
- XXXII. **Flavonoids from Sideritis Species: Human Monoamine Oxidase (hMAO) Inhibitory Activities, Molecular Docking Studies and Crystal Structure of Xanthomicrol**
Turkmenoglu F. P. , BAYSAL İ, Ciftci-Yabanoglu S, Yelekci K, Temel H, Pasa S, Ezer N., Calis I, UÇAR G.
MOLECULES, vol.20, no.5, pp.7454-7473, 2015 (Journal Indexed in SCI)
- XXXIII. **Monoamine oxidase inhibitory activity of 2-aryl-4H-chromen-4-ones**
Nayak B. V. , Ciftci-Yabanoglu S, Bhakat S, Timiri A. K. , Sinha B. N. , UÇAR G., Soliman M. E. S. , Jayaprakash V.
BIOORGANIC CHEMISTRY, vol.58, pp.72-80, 2015 (Journal Indexed in SCI)
- XXXIV. **ICAM-1 targeted catalase encapsulated PLGA-b-PEG nanoparticles against vascular oxidative stress**
Sari E., Tunc-Sarisozen Y., Mutlu H., Shahbazi R., UÇAR G., ULUBAYRAM K.
JOURNAL OF MICROENCAPSULATION, vol.32, no.7, pp.687-698, 2015 (Journal Indexed in SCI)
- XXXV. **Development of Fluorinated Thienylchalcones as Monoamine Oxidase-B Inhibitors: Design, Synthesis, Biological Evaluation and Molecular Docking Studies**
Mathew B, UÇAR G., Yabanoglu-Ciftci S., BAYSAL İ, Suresh J, Mathew G. E. , Vilapurathu J. K. , Nadeena A. M. , Nabeela P., Lakshmi V., et al.
LETTERS IN ORGANIC CHEMISTRY, vol.12, no.9, pp.605-613, 2015 (Journal Indexed in SCI)
- XXXVI. **Synthesis of some novel hydrazone and 2-pyrazoline derivatives: Monoamine oxidase inhibitory activities and docking studies**
Evrans-Aksoz B., Yabanoglu-Ciftci S., UÇAR G., Yelekci K., Ertan R.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.24, no.15, pp.3278-3284, 2014 (Journal Indexed in SCI)
- XXXVII. **EFFECT OF ACRYLAMIDE TREATMENT ON ARGINASE ACTIVITIES AND NITRIC OXIDE LEVELS IN RAT LIVER AND KIDNEY**
Ozturan-Ozer E., UÇAR G., Helvacioğlu F., Akaydin-Aldemir D., Turkoglu S.
ACTA MEDICA MEDITERRANEA, vol.30, no.2, pp.375-382, 2014 (Journal Indexed in SCI)
- XXXVIII. **Monoamine oxidase inhibitory activity of 3,5-biaryl-4,5-dihydro-1H-pyrazole-l-carboxylate derivatives**
Nayak B. V. , Ciftci-Yabanoglu S, Jadav S. S. , Jagrat M., Sinha B. N. , UÇAR G., Jayaprakash V.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.69, pp.762-767, 2013 (Journal Indexed in SCI)
- XXXIX. **Evaluation of selective human MAO inhibitory activities of some novel pyrazoline derivatives**
Salgin-Goksen U., Yabanoglu-Ciftci S., ERCAN A., Yelekci K., UÇAR G., Gokhan-Kelekci N.
JOURNAL OF NEURAL TRANSMISSION, vol.120, no.6, pp.863-873, 2013 (Journal Indexed in SCI)
- XL. **Interaction of selegiline-loaded PLGA-b-PEG nanoparticles with beta-amyloid fibrils**

- BAYSAL İ., Yabanoglu-Ciftci S., Tunc-Sarisozen Y., ULUBAYRAM K., UÇAR G.
JOURNAL OF NEURAL TRANSMISSION, vol.120, no.6, pp.903-910, 2013 (Journal Indexed in SCI)
- XLII. **Synthesis, molecular modeling, and in vitro screening of monoamine oxidase inhibitory activities of some novel hydrazone derivatives**
Salgin-Goksen U., Gokhan-Kelekci N., Yabanoglu-Ciftci S., Yelekci K., UÇAR G.
JOURNAL OF NEURAL TRANSMISSION, vol.120, no.6, pp.883-891, 2013 (Journal Indexed in SCI)
- XLIII. **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**
Ozer E. O. , TAN O. U. , Ozadali K., KUCUKKILINC T., BALKAN A., UÇAR G.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.23, no.2, pp.440-443, 2013 (Journal Indexed in SCI)
- XLIII. **Synthesis and Evaluation of Human Monoamine Oxidase Inhibitory Activities of Some 3,5-Diaryl-N-substituted-4,5-dihydro-1H-pyrazole-1-carbothioamide Derivatives**
Senturk K., Tan O. U. , Ciftci S. Y. , UÇAR G., PALASKA E.
ARCHIV DER PHARMAZIE, vol.345, no.9, pp.695-702, 2012 (Journal Indexed in SCI)
- XLIV. **Effects of nitrite on hepatic ischemia-reperfusion injury**
Ciftci S. Y. , Yalovac A., Hekimoglu R., Gumusel B., KORKUSUZ P., UÇAR G.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.37, no.4, pp.392-404, 2012 (Journal Indexed in SCI)
- XLV. **Pyrazoline based MAO inhibitors: Synthesis, biological evaluation and SAR studies**
JAGRAT M., BEHERA J., YABANOGLU S., ERCAN A., UÇAR G., SINHA B. N. , SANKARAN V., BASU A., JAYAPRAKASH V.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.21, no.14, pp.4296-4300, 2011 (Journal Indexed in SCI)
- XLVI. **The Effect of Exopolysaccharide-Producing Probiotic Strains on Gut Oxidative Damage in Experimental Colitis**
Sengul N., Isik S., ASLIM B., UÇAR G., Demirbag A. E.
DIGESTIVE DISEASES AND SCIENCES, vol.56, no.3, pp.707-714, 2011 (Journal Indexed in SCI)
- XLVII. **Monoamine oxidase (MAO) activity and MAO-derived hydroxyl radical production in mouse model of hepatic ischemia-reperfusion injury**
Yalovac A., Ciftci S. Y. , Gumusel B., UÇAR G.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.36, no.3, pp.200-206, 2011 (Journal Indexed in SCI)
- XLVIII. **Development of selective and reversible pyrazoline based MAO-A inhibitors: Synthesis, biological evaluation and docking studies**
Karuppasamy M., Mahapatra M., YABANOĞLU ÇİFTÇİ S., UÇAR G., Sinha B. N. , Basu A., Mishra N., Sharon A., Kulandaivelu U., Jayaprakash V.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.18, no.5, pp.1875-1881, 2010 (Journal Indexed in SCI)
- XLIX. **Towards development of selective and reversible pyrazoline based MAO-inhibitors: Synthesis, biological evaluation and docking studies**
Sahoo A., YABANOĞLU ÇİFTÇİ S., Sinha B. N. , UÇAR G., Basu A., Jayaprakash V.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.20, no.1, pp.132-136, 2010 (Journal Indexed in SCI)
- L. **Pyrazoline-based Mycobactin Analogues as Dual Inhibitors of MAO/Cholinesterase**
Jayaprakash V., YABANOĞLU ÇİFTÇİ S., Sinha B. N. , UÇAR G.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.35, no.2, pp.89-96, 2010 (Journal Indexed in SCI)
- LI. **The Substrate Specificity of Purified Rat Lung Semicarbazide-Sensitive Amine Oxidase**
YABANOĞLU ÇİFTÇİ S., UÇAR G.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.34, no.1, pp.2-8, 2009 (Journal Indexed in SCI)
- LII. **Pyrazoline-based mycobactin analogues as MAO-inhibitors**
Jayaprakash V., Sinha B. N. , UÇAR G., ERCAN A.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.18, no.24, pp.6362-6368, 2008 (Journal Indexed in SCI)
- LIII. **Influence of clozapine on platelet serotonin, monoamine oxidase and plasma serotonin levels**

Ertugrul A., Ucar G., Basar K., Demir B., YABANOGLU S., ULUG B.

PSYCHIATRY RESEARCH, vol.149, pp.49-57, 2007 (Journal Indexed in SCI)

LIV. **Effects of ischemic preconditioning on rat lung: Role of nitric oxide**

Kandilci H. B. , Gumusel B., Topaloglu E., Ucar G., Korkusuz P., Ugur Y., Asan E., Demiryurek A. T.

EXPERIMENTAL LUNG RESEARCH, vol.32, no.7, pp.287-303, 2006 (Journal Indexed in SCI)

LV. **1-N-substituted thiocarbamoyl-3-phenyl-5-thienyl-2-pyrazolines: Synthesis and evaluation as MAO inhibitors**

GOKHAN N., YESILADA A., Ucar G., EROL K., BILGIN A. A.

ARCHIV DER PHARMAZIE, vol.336, no.8, pp.362-371, 2003 (Journal Indexed in SCI)

LVI. **Determination of rizatriptan in its tablet dosage forms by UV spectrophotometric and spectrofluorimetric methods**

ALTINOZ S., Ucar G., YILDIZ E.

ANALYTICAL LETTERS, vol.35, no.15, pp.2471-2485, 2002 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Caco-2 Hücre Hattı In Vitro Epitelyal Mezenkimal Geçiş Modelinde Glutasyon S-Transferaz- π Düzeyleri**
TÜRK S., BAYSAL İ., UÇAR G.
Hacettepe Üniversitesi Eczacılık Fakültesi Dergisi, vol.39, no.1, pp.10-16, 2019 (Other Refereed National Journals)
- II. **Glutathione S-transferase- π levels of in vitro generated epithelial mesenchymal transition model in caco-2 cell line Caco-2 hücre hattı in vitro epitelyal mezenkimal geçiş modelinde glutasyon s-transferaz- π düzeyleri**
TÜRK S., BAYSAL İ., UÇAR G.
Hacettepe University Journal of the Faculty of Pharmacy, vol.39, no.1, pp.10-16, 2019 (Refereed Journals of Other Institutions)
- III. **2-pirazolin yapısındaki yeni bir bileşiğin sentezi, moleküler modellemesi ve monoaminoksidaz inhibitörü etkisinin araştırılması**
Evrano-Aksoz B., UÇAR G., YELEKÇİ K.
TÜRK HİJYEN VE DENEYSEL BİYOLOJİ DERGİSİ, vol.75, no.3, pp.253-264, 2018 (Refereed Journals of Other Institutions)
- IV. **Investigation of Synthesis, Molecular Modeling and Monoaminoxidase Inhibitor Activity of a New 2-Pyrazoline Compound**
EVRAKOS AKSÖZ B., UÇAR G., YELEKÇİ K.
Turkish Bulletin of Hygiene and Experimental Biology, vol.75, no.3, pp.253-264, 2018 (Refereed Journals of Other Institutions)
- V. **Monoamine oxidase inhibitory action of chalcones A Mini Review**
Mathew B., Haridas A., Jerad S., Mathew G. E. , UÇAR G., Jayaprakash V.
Central Nervous System Agents in Medicinal Chemistry, vol.16, no.2, pp.120-136, 2016 (Refereed Journals of Other Institutions)
- VI. **Synthesis and Monoamine Oxidase Inhibitory Activities of some 3 4 Fluorophenyl 5 aryl N substituted 4 5 dihydro 1H pyrazole 1 carbothioamide Derivatives**
koç G. Ş. , ÜNSAL TAN O., UÇAR G., yıldırım e., EROL K., PALASKA E.
DRUG RESEARCH, vol.64, no.11, pp.591-598, 2014 (Refereed Journals of Other Institutions)
- VII. **Free Radical Scavenging Activities of 2 benzoxazolinone Derivatives Containing Thiosemicarbazide Triazole Thiadiazole and Hydrazone Units**
YABANOĞLU ÇİFTÇİ S., GÖKHAN KELEKÇİ N., Salgın Gökşen U., UÇAR G.
Hacettepe University, Journal of Faculty of Pharmacy, vol.31, no.1, pp.27-50, 2011 (Refereed Journals of Other Institutions)
- VIII. **Interaction of some 1 N Substituted thiocarbamoyl 3 phenyl 5 thienyl 2 pyrazolines with rat liver**

semicarbazide sensitive amine oxidase SSAO

UÇAR G., GÖKHAN KELEKÇİ N., YEŞİLADA A., YABANOĞLU ÇİFTÇİ S., Bilgin A.

Hacettepe University, Journal of Faculty of Pharmacy, vol.25, no.1, pp.23-34, 2005 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Behavioral Changes Of Donepezil-Loaded Plga-B-Peg Nanoparticles On Beta-Amyloid 25–35 Injected Rat Model Of Alzheimer’s Disease.**
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- II. **OPTIMIZATION OF ETA-LOADED NANOFORMULATIONS FOR IMPROVING THE EFFECTIVENESS OF ADJUVANT CHEMOTHERAPY**
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Total Citations (WOS):968

h-index (WOS):21