

Prof. Deniz Ekinci

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International Researcher IDs

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Education Information

Post Doctorate, Max Planck Institute, Moleküler Biyoloji ve Genetik, Germany 2009 - 2010

Doctorate, Fen Fakültesi, Biyokimya (Dr), Turkey 2006 - 2009

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), Turkey 2004 - 2006

Undergraduate, Ataturk University, Fen Fakültesi, Kimya Bölümü, Turkey 2000 - 2004

Dissertations

Doctorate, İnsan serumundan paraoksonaz 1 enziminin saflaştırılması, bazı metal iyonları ve antibiyotiklerin enzim aktivitesi üzerine etkilerinin incelenmesi, Ataturk University, Fen Bilimleri Enstitüsü, Biyokimya (Dr), 2009

Postgraduate, Fare genomunda bulunan karbonik anhidraz izoenzim ve karboksilaz enzim genlerinin cDNA'larının üretilmesi, antisens mRNA sentezi ve in situ hibridizasyonu ile gen ekspresyon analizi, Ataturk University, Fen Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), 2006

Research Areas

Molecular Biology and Genetics, Chemistry, Biochemistry

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2017 - Continues

Associate Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2012 - 2017

Assistant Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2010 - 2012

Research Assistant, Max Planck Institute, 2009 - 2010

Research Assistant, Ataturk University, Fen-Edebiyat Fakültesi, 2005 - 2007

Academic and Administrative Experience

Head of Department, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2017 - Continues

Head of Department, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2010 - Continues

Courses

Kromatografi, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Genel Kimya, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Protein Saflaştırma Teknikleri, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
ENZİMOLOJİ, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Biyokimya, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Metabolizma ve Biyoenerjetik, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012
Biyosensör Teknolojisi, Postgraduate, 2012 - 2013

Advising Theses

Deniz E., Nitrik oksit sentaz enziminin sıgır böbrek ve trombositlerinden saflaştırılması, karakterizasyonu ve bazı ilaçların enzim aktivitesi üzerine etkilerinin incelenmesi, Doctorate, M.MUSTAFA(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis and biological evaluation of novel salicylidene uracils: Cytotoxic activity on human cancer cell lines and inhibitory action on enzymatic activity**
Poslu A. H., Aslan S. E., Koz G., ŞENTÜRK E., KOZ Ö., ŞENTÜRK M., NALBANTSOY A., ÖZTEKİN A., EKİNCİ D.
ARCHIV DER PHARMAZIE, vol.357, no.1, 2024 (SCI-Expanded)
- II. **Inhibitory effects of sulfenimides on human and bovine carbonic anhydrase enzymes**
Yakan H., Bilir G., Çakmak Ş., Taş Ö., Türköz Karakullukçu N., Soydan E., Kütük H., Güçlü C., Şentürk M., Arslan T., et al.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.38, no.1, 2023 (SCI-Expanded)
- III. **To what extent are orally ingested nanoplastics toxic to the hippocampus in young adult rats?**
Baş O., İlhan H., Hancı H., Çelikkhan H., Ekinci D., Değermenci M., Karapınar B. O., Warille A. A., Çankaya S., Özkasapoğlu S.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.132, 2023 (SCI-Expanded)
- IV. **Partial Purification of Glutathione S-transferase Enzyme From the Seed of Mallow (Malva sylvestris L.) and Investigation of the Inhibition Kinetics of Some Heavy Metals**
Isik K., Taş Ö., EKİNCİ D.
PROTEIN JOURNAL, vol.42, no.4, pp.421-426, 2023 (SCI-Expanded)
- V. **Chronic hypoxia and hyperoxia alter tissue-specific fatty acid profile and FD6D and elongase gene expression levels in rainbow trout (*Oncorhynchus mykiss*)**
AKSAKAL E., Soydan E., Tunç A., VURAL O., Kamaszewski M., EKİNCİ D.
JOURNAL OF COMPARATIVE PHYSIOLOGY B-BIOCHEMICAL SYSTEMS AND ENVIRONMENTAL PHYSIOLOGY, vol.193, no.4, pp.401-412, 2023 (SCI-Expanded)
- VI. **Effects of dietary replacement of fish oil with different lipid sources on growth, fatty acid composition, mineral content and expression levels desaturase and elongase genes in rainbow trout (*Oncorhynchus mykiss*)**
AKSAKAL E., VURAL O., Tunc A., Kamaszewski M., EKİNCİ D.
AQUACULTURE REPORTS, vol.29, 2023 (SCI-Expanded)
- VII. **Synthesis, in vitro and in silico Biological Studies of Sulfonamide Chalcones as Esterase Inhibitors**
Arslan T., Senturk M., Karagoz L., Karagoz Y., EKİNCİ D., Efe A., Türkoğlu E. A., Uras F.
ChemistrySelect, vol.7, no.44, 2022 (SCI-Expanded)
- VIII. **Extraction and Characterization of Protein Concentrates from Limpets (*Patella vulgata*) and Peptide Release Following Gastrointestinal Digestion**
Bilir G., Khalesi M., Cermenio M., FitzGerald R. J., EKİNCİ D.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.70, no.36, pp.11212-11223, 2022 (SCI-Expanded)
- IX. **Effects of hypoxia and hyperoxia on growth parameters and transcription levels of growth, immune**

system and stress related genes in rainbow trout

AKSAKAL E., EKİNCİ D.

COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR & INTEGRATIVE PHYSIOLOGY, vol.262, 2021 (SCI-Expanded)

- X. **Dietary inclusion of royal jelly modulates gene expression and activity of oxidative stress enzymes in zebrafish**
AKSAKAL E., EKİNCİ D., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.36, no.1, pp.885-894, 2021 (SCI-Expanded)
- XI. **Synthesis and characterization of some new pyrazolines and their inhibitory potencies against carbonic anhydrases**
Celik G., ARSLAN T., ŞENTÜRK M., EKİNCİ D.
ARCHIV DER PHARMAZIE, vol.353, no.3, 2020 (SCI-Expanded)
- XII. **Investigation of pesticides on honey bee carbonic anhydrase inhibition**
Soydan E., Olcay A. C., Bilir G., Taş Ö., ŞENTÜRK M., EKİNCİ D., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.35, no.1, pp.1923-1927, 2020 (SCI-Expanded)
- XIII. **Design, synthesis and molecular modelling studies of some pyrazole derivatives as carbonic anhydrase inhibitors**
Dizdaroglu Y., ALBAY C., ARSLAN T., Ece A., Turkoglu E. A., Efe A., ŞENTÜRK M., Supuran C. T., EKİNCİ D.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.35, no.1, pp.289-297, 2020 (SCI-Expanded)
- XIV. **Effects of Different Additives and Lignin Peroxidase Enzyme on in vitro Gas Production Kinetics and Methane Production of some Straws**
Kılıç Ü., Abdi A. M., EKİNCİ D.
PAKISTAN JOURNAL OF ZOOLOGY, vol.51, no.6, pp.2057-2067, 2019 (SCI-Expanded)
- XV. **Comparison of blood carbonic anhydrase activity of athletes performing interval and continuous running exercise at high altitude**
TAŞ M., ŞENTÜRK E., EKİNCİ D., DEMİRDAĞ R., ÇOMAKLI V., BAYRAM M., AKYÜZ M., ŞENTÜRK M., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.34, no.1, pp.219-224, 2019 (SCI-Expanded)
- XVI. **Determination of the inhibitory effects of N-methylpyrrole derivatives on glutathione reductase enzyme**
Kocaoglu E., Talaz O., ÇAVDAR H., ŞENTÜRK M., Supuran C. T., EKİNCİ D.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.34, no.1, pp.51-54, 2019 (SCI-Expanded)
- XVII. **Inhibition of acetylcholinesterase and butyrylcholinesterase with uracil derivatives: kinetic and computational studies**
ÇAVDAR H., ŞENTÜRK M., GÜNEY M., DURDAĞI S., Kayik G., Supuran C. T., EKİNCİ D.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.34, no.1, pp.429-437, 2019 (SCI-Expanded)
- XVIII. **Effects of Feeding Honey Bees (Hymenoptera: Apidae) With Industrial Sugars Produced by Plants Using Different Photosynthetic Cycles (Carbon C-3 and C-4) on the Colony Wintering Ability, Lifespan, and Forage Behavior**
Guler A., EKİNCİ D., Bıyık S., Garipoğlu A. V., Önder H., Kocaokutgen H.
JOURNAL OF ECONOMIC ENTOMOLOGY, vol.111, no.5, pp.2003-2010, 2018 (SCI-Expanded)
- XIX. **Comparing Biochemical Properties of Pure and Adulterated Honeys Produced By Feeding Honeybees (Apis mellifera L.) Colonies with Different Levels of Industrial Commercial Sugars([1])**
Guler A., Garipoğlu A. V., Önder H., Bıyık S., Kocaokutgen H., EKİNCİ D.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.23, no.2, pp.259-268, 2017 (SCI-Expanded)
- XX. **Carbonic anhydrase from Apis mellifera: purification and inhibition by pesticides**
Soydan E., Guler A., Bıyık S., ŞENTÜRK M., Supuran C. T., EKİNCİ D.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.32, no.1, pp.47-50, 2017 (SCI-Expanded)
- XXI. **Carbonic anhydrase inhibitory properties of some uracil derivatives**
Turkoglu E. A., ŞENTÜRK M., Supuran C. T., EKİNCİ D.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.32, no.1, pp.74-77, 2017 (SCI-Expanded)

- XXII. **Purification of Carbonic Anhydrase Enzyme from Bovine Liver Tissue and Investigation of the Inhibitory Effects of Bischalcone Derivatives**
Karagoz L., ARSLAN T., EKİNCİ D., ŞENTÜRK M., YAYLI N., Uras F.
ACTA PHYSIOLOGICA, vol.218, pp.57-58, 2016 (SCI-Expanded)
- XXIII. **Investigation of Inhibitory Effects of Some Sulfonamides on Acetylcholinesterase Enzyme**
Cavusoglu K., Celik H., ŞENTÜRK M., EKİNCİ D.
ACTA PHYSIOLOGICA, vol.218, pp.57, 2016 (SCI-Expanded)
- XXIV. **Synthesis and Biological Evaluation of Novel Bischalcone Derivatives as Carbonic Anhydrase Inhibitors**
ARSLAN T., Celik G., Celik H., ŞENTÜRK M., YAYLI N., EKİNCİ D.
ARCHIV DER PHARMAZIE, vol.349, no.9, pp.741-748, 2016 (SCI-Expanded)
- XXV. **Investigation of the Effect of Nifedipine on Heart Glutathione Reductase Enzyme of Ischemia/Reperfusion Injured Rat**
ERASLAN E., Ekinici D., Tanyeli A., Senturk M.
ACTA PHYSIOLOGICA, vol.218, pp.29-30, 2016 (SCI-Expanded)
- XXVI. **Pyridazinone substituted benzenesulfonamides as potent carbonic anhydrase inhibitors**
Yaseen R., EKİNCİ D., ŞENTÜRK M., Hameed A. D., Ovais S., Rathore P., Samim M., Javed K., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.26, no.4, pp.1337-1341, 2016 (SCI-Expanded)
- XXVII. **Kinetic and docking studies of cytosolic/tumor-associated carbonic anhydrase isozymes I, II and IX with some hydroxylic compounds**
DURDAĞI S., Korkmaz N., IŞIK S., Vullo D., ASTLEY D., EKİNCİ D., Salmas R. E., ŞENTÜRK M., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1214-1220, 2016 (SCI-Expanded)
- XXVIII. **Origin Estimation of Honey Samples by Using Constant and Discriminative Function Coefficients of Pure Honey and Honey Produced by Colonies Feeding with Different Sugars**
Önder H., Guler A., Bıyık S., EKİNCİ D., Garipoğlu A. V., Kocaokutgen H.
KAFKAS UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.22, no.1, pp.21-28, 2016 (SCI-Expanded)
- XXIX. **Carbonic anhydrase inhibitors: Design, synthesis, kinetic, docking and molecular dynamics analysis of novel glycine and phenylalanine sulfonamide derivatives**
Fidan I., Salmas R. E., ARSLAN M., ŞENTÜRK M., DURDAĞI S., EKİNCİ D., ŞENTÜRK E., Cosgun S., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.23, no.23, pp.7353-7358, 2015 (SCI-Expanded)
- XXX. **Interaction of carbonic anhydrase isozymes I, II, and IX with some pyridine and phenol hydrazinecarbothioamide derivatives**
IŞIK S., Vullo D., DURDAĞI S., EKİNCİ D., ŞENTÜRK M., ÇETİN A., ŞENTÜRK E., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.25, no.23, pp.5636-5641, 2015 (SCI-Expanded)
- XXXI. **Purification and Characterization of Carbonic Anhydrase Enzyme from Bovine Heart Tissue and Investigation of Inhibition Effects of Some Sulphonamide Derivative Drugs**
EKİNCİ D., ŞENTÜRK M., ŞENTÜRK E.
ACTA PHYSIOLOGICA, vol.215, pp.99, 2015 (SCI-Expanded)
- XXXII. **Comparison of Inhibition Effects of Some Anions on Carbonic Anhydrase Isoenzymes from Mammalian Kidney Tissues**
ŞENTÜRK E., ŞENTÜRK M., EKİNCİ D.
ACTA PHYSIOLOGICA, vol.215, pp.99, 2015 (SCI-Expanded)
- XXXIII. **Synthesis and carbonic anhydrase inhibitory properties of novel uracil derivatives**
GÜNEY M., ÇAVDAR H., ŞENTÜRK M., EKİNCİ D.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.25, no.16, pp.3261-3263, 2015 (SCI-Expanded)
- XXXIV. **Synthesis and biological activity of novel thiourea derivatives as carbonic anhydrase inhibitors**
Korkmaz N., Obaidi O. A., ŞENTÜRK M., ASTLEY D., EKİNCİ D., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.1, pp.75-80, 2015 (SCI-Expanded)
- XXXV. **Investigation of arenesulfonyl-2-imidazolidinones as potent carbonic anhydrase inhibitors**
Abdel-Aziz A. A., El-Azab A. S., EKİNCİ D., ŞENTÜRK M., Supuran C. T.

- JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.1, pp.81-84, 2015 (SCI-Expanded)
- XXXVI. **Synthesis of 3,4-dihydroxypyrrolidine-2,5-dione and 3,5-dihydroxybenzoic acid derivatives and evaluation of the carbonic anhydrase I and II inhibition**
ARSLAN M., ŞENTÜRK M., Fidan I., TALAZ O., EKİNCİ D., Cosgun S., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.6, pp.896-900, 2015 (SCI-Expanded)
- XXXVII. **Characterization of carbonic anhydrase from Turkish native "Gerze" chicken and influences of metal ions on enzyme activity**
Mercan L., EKİNCİ D., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.29, no.6, pp.773-776, 2014 (SCI-Expanded)
- XXXVIII. **Detection of adulterated honey produced by honeybee (*Apis mellifera* L.) colonies fed with different levels of commercial industrial sugar (C-3 and C-4 plants) syrups by the carbon isotope ratio analysis**
Guler A., Kocaokutgen H., Garipoğlu A. V., Önder H., EKİNCİ D., Bıyık S.
FOOD CHEMISTRY, vol.155, pp.155-160, 2014 (SCI-Expanded)
- XXXIX. **Influence of Different Dietary Lipids on the Activity of Metabolic Enzymes in Brown Trout (*Salmo trutta*)**
ATASEVER A., ARSLAN M., Sirkecioglu N., BAYIR A., EKİNCİ D., ŞENTÜRK M.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.14, no.1, pp.31-36, 2014 (SCI-Expanded)
- XL. **Goose fat, a promising nutrient for fish feeding, activates antioxidant enzymes in rainbow trout, *Oncorhynchus mykiss***
Mercan L., Sirkecioglu N., AKSAKAL E., BAYIR M., BAYIR A., Aras M., EKİNCİ D.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.36, no.3, pp.964-971, 2013 (SCI-Expanded)
- XLI. **Susceptibility of cord blood antioxidant enzymes glutathione reductase, glutathione peroxidase and glutathione S-transferase to different antibiotics: in vitro approach**
EKİNCİ D., Cankaya M., Gul I., ÇOBAN T. A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.4, pp.824-829, 2013 (SCI-Expanded)
- XLII. **Synthesis and Biological Evaluation of Novel Bromophenol Derivatives as Carbonic Anhydrase Inhibitors**
Akbaba Y., BALAYDIN H. T., MENZEK A., GÖKSU S., ŞAHİN E., EKİNCİ D.
ARCHIV DER PHARMAZIE, vol.346, no.6, pp.447-454, 2013 (SCI-Expanded)
- XLIII. **Secondary/tertiary benzenesulfonamides with inhibitory action against the cytosolic human carbonic anhydrase isoforms I and II**
Alp C., Maresca A., Alp N. A., GÜLTEKİN M. S., EKİNCİ D., Scozzafava A., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.2, pp.294-298, 2013 (SCI-Expanded)
- XLIV. **Analysis of saponins and phenolic compounds as inhibitors of alpha-carbonic anhydrase isoenzymes**
Koz O., EKİNCİ D., Perrone A., Piacente S., Alankus-Caliskan O., BEDİR E., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.2, pp.412-417, 2013 (SCI-Expanded)
- XLV. **Kinetic and in silico analysis of thiazolidin-based inhibitors of alpha-carbonic anhydrase isoenzymes**
EKİNCİ D., FİDAN İ., DURDAĞI S., KABAN Ş., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.2, pp.370-374, 2013 (SCI-Expanded)
- XLVI. **Inhibition of mammalian carbonic anhydrase isoforms I, II and VI with thiamine and thiamine-like molecules**
Ozdemir Z. O., ŞENTÜRK M., EKİNCİ D.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.2, pp.316-319, 2013 (SCI-Expanded)
- XLVII. **Carbonic anhydrase inhibitors: in vitro inhibition of alpha isoforms (hCA I, hCA II, bCA III, hCA IV) by flavonoids**
Ekinci D., Karagoz L., EKİNCİ D., ŞENTÜRK M., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.2, pp.283-288, 2013 (SCI-Expanded)
- XLVIII. **Purification and characterization of carbonic anhydrase from sheep kidney and effects of sulfonamides on enzyme activity**
DEMİRDAĞ R., Comaklı V., ŞENTÜRK M., EKİNCİ D., KÜFREVİOĞLU Ö. İ., Supuran C. T.

BIOORGANIC & MEDICINAL CHEMISTRY, vol.21, no.6, pp.1522-1525, 2013 (SCI-Expanded)

- XLIX. **Synthesis of 1,4-bis(indolin-1-ylmethyl)benzene derivatives and their structure-activity relationships for the interaction of human carbonic anhydrase isoforms I and II**
TALAZ O., ÇAVDAR H., Durdagi S., AZAK H., EKİNCİ D.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.21, no.6, pp.1477-1482, 2013 (SCI-Expanded)
- L. **In vitro enzymatic response of Turkish native chicken "Gerze" to heavy metal exposure**
Mercan L., Okumus A., Senturk M., EKİNCİ D.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.1, pp.52-57, 2013 (SCI-Expanded)
- LI. **Assesment of metal inhibition of antioxidant enzyme glutathione reductase from rainbow trout liver**
EKİNCİ D., ŞENTÜRK M.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.1, pp.11-15, 2013 (SCI-Expanded)
- LII. **Synthesis of novel mono and bis-indole conduritol derivatives and their alpha/beta-glycosidase inhibitory effects**
ÇAVDAR H., TALAZ O., EKİNCİ D.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.22, no.24, pp.7499-7503, 2012 (SCI-Expanded)
- LIII. **Carbonic anhydrase inhibitors: inhibition of human and bovine isoenzymes by benzenesulphonamides, cyclitols and phenolic compounds**
EKİNCİ D., KURBANOĞLU N. İ., SALAMCI E., ŞENTÜRK M., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.6, pp.845-848, 2012 (SCI-Expanded)
- LIV. **Chromone containing sulfonamides as potent carbonic anhydrase inhibitors**
EKİNCİ D., al-Rashida M., Abbas G., ŞENTÜRK M., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.5, pp.744-747, 2012 (SCI-Expanded)
- LV. **Influence of pesticides on the pH regulatory enzyme, carbonic anhydrase, from European Seabass liver and bovine erythrocytes**
Demirdag R., Yerlikaya E., AKSAKAL E., KÜFREYİOĞLU Ö. İ., EKİNCİ D.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.34, no.2, pp.218-222, 2012 (SCI-Expanded)
- LVI. **Inhibition of human carbonic anhydrase isozymes I, II and VI with a series of bisphenol, methoxy and bromophenol compounds**
BALAYDIN H. T., Durdagi S., EKİNCİ D., ŞENTÜRK M., GÖKSU S., MENZEK A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.4, pp.467-475, 2012 (SCI-Expanded)
- LVII. **Effects of dopaminergic compounds on carbonic anhydrase isozymes I, II, and VI**
ŞENTÜRK M., EKİNCİ D., GÖKSU S., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.3, pp.365-369, 2012 (SCI-Expanded)
- LVIII. **Structure-activity relationships for the interaction of 5,10-dihydroindeno[1,2-b] indole derivatives with human and bovine carbonic anhydrase isoforms I, II, III, IV and VI**
EKİNCİ D., ÇAVDAR H., Durdagi S., TALAZ O., ŞENTÜRK M., Supuran C. T.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.49, pp.68-73, 2012 (SCI-Expanded)
- LIX. **Synthesis and carbonic anhydrase inhibitory properties of novel bromophenols including natural products**
BALAYDIN H. T., SÖYÜT H., EKİNCİ D., GÖKSU S., BEYDEMİR Ş., MENZEK A., ŞAHİN E.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.1, pp.43-50, 2012 (SCI-Expanded)
- LX. **alpha-Carbonic anhydrases are sulfatases with cyclic diol monosulfate esters**
ÇAVDAR H., EKİNCİ D., TALAZ O., SARAÇOĞLU N., ŞENTÜRK M., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.1, pp.148-154, 2012 (SCI-Expanded)
- LXI. **Salicylic acid derivatives: synthesis, features and usage as therapeutic tools**
EKİNCİ D., ŞENTÜRK M., KÜFREYİOĞLU Ö. İ.
EXPERT OPINION ON THERAPEUTIC PATENTS, vol.21, no.12, pp.1831-1841, 2011 (SCI-Expanded)
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Ekinci D., Project Supported by Higher Education Institutions, INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY ENGINEER, SCİENCE, EDUCATIONAL AND TECNOLOGY (IMESET 18 DUBAI) OCT. 25-27, 2018 DUBAI, 2018 - 2019

Öztürk A., EKİNCİ D., Project Supported by Higher Education Institutions, Ümitvar Armut Genotiplerinin Bazı Ayva ve Armut Anaçlarıyla Aşı Uyuşma Uyuşmazlık Durumlarının Belirlenmesi, 2015 - 2017

Ekinci D., Project Supported by Higher Education Institutions, 7th International Conference Biosystems Engineering

2016, 2016 - 2016

EKİNCİ D., Arı Sütünün Zebra Balığı Danio rerio Diyetlerinde Bazı Antioksidan Enzim SOD CAT GPx ve GR Aktiviteleri ve Antioksidan Büyüme GH ve IGF I ve İmmün Sistem TGF β Doku Spesifik Gen Ekspresyonları Üzerine Olan Etkisi, 2014 - 2016

EKİNCİ D., Project Supported by Higher Education Institutions, 1,3- ve 1,5 Siklooktadien'den Çıkararak Bazı Aminosiklitol ve Türevlerinin Sentezi, 2014 - 2016

Akça İ., Olcay A. C., EKİNCİ D., Project Supported by Higher Education Institutions, Doğal Ürün Analogu Potansiyel Pestisit Etkisi Gösterebilecek Moleküllerin Sentezlenmesi ve Karakterizasyonu, 2013 - 2016

Memberships / Tasks in Scientific Organizations

German Genetics Society, Member, 2010 - Continues, Germany

American Chemical Society, Member, 2008 - Continues, United States Of America

Turkish Biochemical Society, Member, 2005 - Continues, Turkey

Awards

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