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International Researcher IDs

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Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Kimya/Biyokimya, Turkey 1994 - 1999

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Kimya/ Biyokimya, Turkey 1990 - 1994

Undergraduate, Inonu University, Fen Edebiyat Fakültesi, Kimya, Turkey 1983 - 1989

Research Areas

Chemistry, Biochemistry, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2018 - Continues

Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2012 - 2018

Assistant Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 2009 - 2012

Research Assistant PhD, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 1999 - 2009

Research Assistant, Inonu University, Fen-Edebiyat Fakültesi, Kimya, 1993 - 1999

Courses

Temel Kimya(Tibbi görüntüleme teknikleri), Associate Degree, 2013-2014

Temel Kimya(Tibbi görüntüleme teknikleri)II, Associate Degree, 2013-2014

BİYOKİMYA II, Undergraduate, 2013-2014

BİYOKİMYA LABORATUVARI, Undergraduate, 2013-2014

BİYOKİMYA I, Undergraduate, 2013-2014

Genel Kimya(Elektrik- Elektronik Müh), Undergraduate, 2013-2014

ESER ELEMENTLER VE BİYOLOJİK ÖZELLİKLERİ, Undergraduate Double Major, 2013-2014

BİYOKİMYA LABORATUVARI, Undergraduate, 2012-2013

BİYOKİMYA I, Undergraduate, 2012-2013

Biyokimya (Kimya MÜh), Undergraduate, 2012-2013

ESER ELEMENTLER VE BİYOLOJİK ÖZELLİKLERİ, Undergraduate Double Major, 2012-2013

BİYOKİMYA II, Undergraduate, 2012-2013

BİYOKİMYA LABORATUVARI, Undergraduate, 2011-2012

BİYOKİMYA II, Undergraduate, 2011-2012

BİYOKİMYA I, Undergraduate, 2011-2012
ESER ELEMENTLER VE BİYOLOJİK ÖZELLİKLERİ, Undergraduate Double Major, 2011-2012
BİYOTEKNOLOJİ, Undergraduate, 2011-2012
GENEL KİMYA I (MADEN MÜH), Undergraduate, 2011-2012
GENEL KİMYA I(BİYOLOJİ BÖL.), Undergraduate, 2011-2012
Biyokimya(Kimya Müh), Undergraduate, 2011-2012
GENEL KİMYA LABORATUVARI, Undergraduate, 2011-2012
BİYOTEKNOLOJİ, Undergraduate, 2010-2011
GENEL KİMYA LABORATUVARI, Undergraduate, 2010-2011
GENEL KİMYA II (MADEN MÜH), Undergraduate, 2010-2011
BİYOKİMYA LABOTATUVARI, Undergraduate, 2010-2011
ESER ELEMENTLER VE BİYOLOJİK ÖZELLİKLERİ, Undergraduate Double Major, 2010-2011
GENEL KİMYA I (MADEN MÜH), Undergraduate, 2010-2011
BİYOKİMYA II, Undergraduate, 2010-2011
BİYOKİMYA I, Undergraduate, 2010-2011
GENEL KİMYA I (MADEN MÜH), Undergraduate, 2009-2010
BİYOKİMYA LABORATUVARI, Undergraduate, 2009-2010
TEMEL KİMYA I(TIBBİ LAB. TEK.BÖL.), Associate Degree, 2009-2010
GENEL KİMYA I(GIDA MÜH), Undergraduate, 2009-2010
GENEL KİMYA LABORATUVARI, Undergraduate, 2009-2010
GENEL KİMYA II (MADEN MÜH), Undergraduate, 2009-2010
BİYOKİMYA I, Undergraduate, 2009-2010
BİYOKİMYA II, Undergraduate, 2009-2010

Advising Theses

ÖZDEMİR İ., Ag-N-Heterosiklik Karben Komplekslerinin Antitümör Aktivitesinin İncelenmesi, Postgraduate, Ü.Kızrak(Student), 2017
ÖZDEMİR İ., Rat Karaciğer ve Böbrek Dokularında 2,3,7,8-TCDD(Tetraklorodibenzo-p-dioksin)'nin Neden Olduğu Oksidatif Stres Üzerine Protokateşik Asit'in Koruyucu Etkisinin Araştırılması, Postgraduate, A.Savci(Student), 2012
ÖZDEMİR İ., 2,3,7,8-TCDD (Tetraklorodibenzo-p-dioksin)'nin Ratlarda Oluşturduğu Oksidatif Stres Üzerine Quercetinin Koruyucu Etkisinin Araştırılması, Postgraduate, O.Çakır(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Crystal structure, optical properties, spectroscopic characterization and density functional theory studies of a new rhodium (i)-imidazolidin-2-ylidene complexes: Synthesis, characterization and cytotoxic properties
KARACA E. Ö., ÇİFTÇİ O., ÖZDEMİR İ., KARABIYIK H., KARABIYIK H., Guerbuez N., ÖZDEMİR İ., Mansour L., Youssef A., Hamdi N.
INORGANICA CHIMICA ACTA, vol.537, 2022 (SCI-Expanded)
- II. Silver (I)-N-heterocyclic carbene complexes: Synthesis and characterization, biological evaluation of Anti-Cholinesterase, anti-alpha-amylase, anti-lipase, and antibacterial activities, and molecular docking study
Sandeli A. E., Khiri-Meribout N., Benzerka S., GÜRBÜZ N., DÜNDAR M., Karci H., Bensouici C., Mokrani E. H., ÖZDEMİR İ., KOÇ A., et al.
INORGANICA CHIMICA ACTA, vol.525, 2021 (SCI-Expanded)
- III. New silver N-heterocyclic carbenes complexes: Synthesis, molecular docking study and biological activities evaluation as cholinesterase inhibitors and antimicrobials

- Lasmari S., Ikhlef S., Boulcina R., Mokrani E. H., Bensouici C., GÜRBÜZ N., Dundar M., Karci H., ÖZDEMİR İ., KOÇ A., et al.
- JOURNAL OF MOLECULAR STRUCTURE, vol.1238, 2021 (SCI-Expanded)
- IV. Rhodium(I) N-heterocyclic carbene complexes: synthesis and cytotoxic properties
Slimani I., Şahin Bölükbaşı S., Ulu M., Evren E., Gürbüz N., Özdemir İ., Hamdi N., Özdemir İ.
NEW JOURNAL OF CHEMISTRY, vol.45, no.11, pp.5176-5183, 2021 (SCI-Expanded)
- V. Silver(I) N-heterocyclic carbene complexes: Synthesis, characterization and cytotoxic properties
GÜRBÜZ N., Kaloğlu N., Kızrak Ü., ÖZDEMİR İ., Türkmen N. B., Çiftçi O., Özdemir İ., Mansour L., Naceur H.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.923, 2020 (SCI-Expanded)
- VI. Synthesis, characterization and antitumor properties of novel silver(I) and gold(I) N-heterocyclic carbene complexes
ÖZDEMİR İ., ÇİFTÇİ O., Evren E., GÜRBÜZ N., Kaloglu N., BAŞAK TÜRKMEN N., YAŞAR Ş., ÜSTÜN E., Hamdi N., Mansour L., et al.
INORGANICA CHIMICA ACTA, vol.506, 2020 (SCI-Expanded)
- VII. In vitro antimicrobial studies of naphthalen-1-ylmethyl substituted silver N-heterocyclic carbene complexes
GÖK Y., Akkoc S., Celikal O. O., ÖZDEMİR İ., GÜNAL S.
ARABIAN JOURNAL OF CHEMISTRY, vol.12, no.8, pp.2513-2518, 2019 (SCI-Expanded)
- VIII. Platinum (II) N-heterocyclic carbene complexes: Synthesis, characterization and cytotoxic properties
KARACA E. Ö., Çiftci O., ÖZDEMİR İ., Yakali G., Aygun M., GÜRBÜZ N., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.33, no.7, 2019 (SCI-Expanded)
- IX. Amine-functionalized silver and gold N-heterocyclic carbene complexes: Synthesis, characterization and antitumor properties
Kızrak Ü., Çiftçi O., Özdemir İ., Gürbüz N., Demir Düşünceli S., Kaloğlu M., Mansour L., Zaghrouba F., Hamdi N., Özdemir İ.
Journal Of Organometallic Chemistry, no. 882, pp.26-32, 2019 (SCI-Expanded)
- X. Synthesis and antimicrobial activity of bulky 3,5-di-tert-butyl substituent-containing silver-N-heterocyclic carbene complexes
KALOĞLU N., ÖZDEMİR İ., GÜNAL S., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.31, no.11, 2017 (SCI-Expanded)
- XI. Silver-N-Heterocyclic Carbene Complexes: Synthesis, Characterization, and Antimicrobial Properties
KALOĞLU N., KALOĞLU M., ÖZDEMİR İ., GÜNAL S., ÖZDEMİR İ.
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.64, no.4, pp.420-426, 2017 (SCI-Expanded)
- XII. Novel benzimidazol-2-ylidene carbene precursors and their silver(I) complexes: Potential antimicrobial agents
KALOĞLU M., KALOĞLU N., ÖZDEMİR İ., GÜNAL S., ÖZDEMİR İ.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.24, no.16, pp.3649-3656, 2016 (SCI-Expanded)
- XIII. Synthesis, characterization and antimicrobial activities of novel silver(I) complexes with coumarin substituted N-heterocyclic carbene ligands
KARATAŞ M. O., Olgundeniz B., GÜNAL S., ÖZDEMİR İ., ALICI B., Cetinkaya E.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.24, no.4, pp.643-650, 2016 (SCI-Expanded)
- XIV. Benzimidazolium-based novel silver N-heterocyclic carbene complexes: synthesis, characterisation and in vitro antimicrobial activity
SARI Y., Akkoc S., GÖK Y., Sifniotis V., ÖZDEMİR İ., GÜNAL S., Kayser V.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1527-1530, 2016 (SCI-Expanded)
- XV. Synthesis, antioxidant and anti-microbial properties of two organoselenium compounds
TALAS Z. S., GÖK Y., ÖZDEMİR İ., ATEŞ B., GÜNAL S., YILMAZ İ.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.28, no.2, pp.611-616, 2015 (SCI-Expanded)
- XVI. Antioxidant Effect of Ethanolic Extract of Propolis in Liver of L-NAME Treated Rats
SELAMOGLU Z. S., ÖZDEMİR İ., ÇİFTÇİ O., Gulhan M. F., Savci A.

- ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.24, no.2, pp.227-232, 2015 (SCI-Expanded)
- XVII. **Dichlorotriethylphosphine-[N-formyl-N,N'-bis(3,4-dimethoxy)benzyl-trimethylenediamine] platinum(II)**
Sahin O., Ozcan E. Ö., GÜRBÜZ N., ÖZDEMİR İ., Buyukgungor O.
JOURNAL OF STRUCTURAL CHEMISTRY, vol.55, no.4, pp.697-702, 2014 (SCI-Expanded)
- XVIII. **ROLE OF PROPOLIS ON OXIDATIVE STRESS IN VARIOUS TISSUES OF FISH**
Aldemir O. S., SELAMOGLU Z., Gulhan M. F., Cakir O., ÖZDEMİR İ., Dastan S. D., DOGAN H.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.3547-3551, 2014 (SCI-Expanded)
- XIX. **Synthesis, characterization, and transfer hydrogenation of Ru(II)-N-heterocyclic carbene complexes**
Yasar S., Cekirdek S., ÖZDEMİR İ.
JOURNAL OF COORDINATION CHEMISTRY, vol.67, no.7, pp.1236-1248, 2014 (SCI-Expanded)
- XX. **Role of propolis on biochemical parameters in kidney and heart tissues against L-NAME induced oxidative injury in rats**
TALAS Z. S., ÖZDEMİR İ., ÇİFTÇİ O., Cakir O., GULHAN M. F., PASAOGLU O. M.
CLINICAL AND EXPERIMENTAL HYPERTENSION, vol.36, no.7, pp.492-496, 2014 (SCI-Expanded)
- XXI. **Five complexes containing N,N-bis(2-hydroxyethyl)-ethylenediamine with tetracyanidopalladate(II): synthesis, crystal structures, thermal, magnetic, and catalytic properties**
Korkmaz S. A., Karadag A., Korkmaz N., Andac O., GÜRBÜZ N., ÖZDEMİR İ., TOPKAYA R.
JOURNAL OF COORDINATION CHEMISTRY, vol.66, no.17, pp.3072-3091, 2013 (SCI-Expanded)
- XXII. **Modulating effects of selenium in adrenal medulla of rats exposed to 7,12-dimethylbenz[a]anthracene**
TALAS Z. S., ÖZDEMİR İ., ATEŞ B., GÖK Y., Yilmaz İ.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.29, no.3, pp.286-292, 2013 (SCI-Expanded)
- XXIII. **Effects of Quercetin and Chrysin on 2,3,7,8-Tetrachlorodibenzo-p-dioxin Induced Hepatotoxicity in Rats**
ÇİFTÇİ O., VARDI N., ÖZDEMİR İ.
ENVIRONMENTAL TOXICOLOGY, vol.28, no.3, pp.146-154, 2013 (SCI-Expanded)
- XXIV. **Synthesis and antimicrobial activity of novel gold(I) N-heterocyclic carbene complexes**
DOGAN O., KALOGLU N., DEMIR S., ÖZDEMİR İ., GÜNAL S., ÖZDEMİR İ.
MONATSHEFTE FÜR CHEMIE, vol.144, no.3, pp.313-319, 2013 (SCI-Expanded)
- XXV. **N-functionalized benzimidazol-2-ylidene silver complexes: synthesis, characterization, and antimicrobial studies**
GÖK Y., Akkoc S., OZEROGLU CELIKAL O., ÖZDEMİR İ., GÜNAL S., SAYIN E.
TURKISH JOURNAL OF CHEMISTRY, vol.37, no.6, pp.1007-1013, 2013 (SCI-Expanded)
- XXVI. **Ameliorating effects of quercetin and chrysin on 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced nephrotoxicity in rats**
ÇİFTÇİ O., ÖZDEMİR İ., VARDI N., BEYTUR A., OĞUZ F.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.28, no.10, pp.947-954, 2012 (SCI-Expanded)
- XXVII. **Novel benzimidazolium salts and their silver complexes: Synthesis and antibacterial properties**
GÜNAL S., KALOGLU N., ÖZDEMİR İ., DEMIR S., ÖZDEMİR İ.
INORGANIC CHEMISTRY COMMUNICATIONS, vol.21, pp.142-146, 2012 (SCI-Expanded)
- XXVIII. **Beneficial effects of chrysin on the reproductive system of adult male rats**
ÇİFTÇİ O., ÖZDEMİR İ., Aydin M., BEYTUR A.
ANDROLOGIA, vol.44, no.3, pp.181-186, 2012 (SCI-Expanded)
- XXIX. **Quercetin prevents 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced testicular damage in rats**
ÇİFTÇİ O., Aydin M., ÖZDEMİR İ., VARDI N.
ANDROLOGIA, vol.44, no.3, pp.164-173, 2012 (SCI-Expanded)
- XXX. **Synthesis and antimicrobial studies of 1-methyl-2-dimethylaminoethyl-substituted benzimidazolium salts and N-heterocyclic carbene-silver complexes**
Yigit B., GÖK Y., ÖZDEMİR İ., GÜNAL S.
JOURNAL OF COORDINATION CHEMISTRY, vol.65, no.3, pp.371-379, 2012 (SCI-Expanded)

- XXXI. **Role of Propolis on Tyrosine Hydroxylase Activity and Blood Pressure in Nitric Oxide Synthase-Inhibited Hypertensive Rats**
GOGBAKAN A., TALAS Z. S., ÖZDEMİR İ., Sahna E.
CLINICAL AND EXPERIMENTAL HYPERTENSION, vol.34, no.6, pp.424-428, 2012 (SCI-Expanded)
- XXXII. **Protective effects of quercetin and chrysin against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) induced oxidative stress, body wasting and altered cytokine productions in rats**
ÇİFTÇİ O., ÖZDEMİR İ.
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.33, no.3, pp.504-508, 2011 (SCI-Expanded)
- XXXIII. **The determination of oxidative damage in heart tissue of rats caused by ruthenium(II) and gold(I) N-heterocyclic carbene complexes**
ÇİFTÇİ O., ÖZDEMİR İ., CAKIR O., DEMİR S.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.27, no.8, pp.735-741, 2011 (SCI-Expanded)
- XXXIV. **Novel platinum-N-heterocyclic carbene complex is more cardiotoxic than cis-platin in rats**
ÇİFTÇİ O., ÖZDEMİR İ., VARDI N., GÜRBÜZ N.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.30, no.9, pp.1342-1349, 2011 (SCI-Expanded)
- XXXV. **Antioxidative effects of curcumin, beta-myrcene and 1,8-cineole against 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced oxidative stress in rats liver**
ÇİFTÇİ O., ÖZDEMİR İ., Tanyildizi S., YILDIZ S., OĞUZTÜRK H.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.27, no.5, pp.447-453, 2011 (SCI-Expanded)
- XXXVI. **Synthesis, characterization and antimicrobial activity of new silver complexes with N-heterocyclic carbene ligands**
ÖZDEMİR İ., DEMİR S., GÜNAL S., ÖZDEMİR İ., Arıcı C., Ulku D.
INORGANICA CHIMICA ACTA, vol.363, no.14, pp.3803-3808, 2010 (SCI-Expanded)
- XXXVII. **Synthesis and antimicrobial activity of Ag(I)-N-heterocyclic carbene complexes derived from benzimidazol-2-ylidene**
ÖZDEMİR İ., GÜRBÜZ N., DOĞAN O., GÜNAL S., ÖZDEMİR İ.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.24, no.11, pp.758-762, 2010 (SCI-Expanded)
- XXXVIII. **Role of exogenous melatonin on adriamycin-induced changes in the rat heart**
AYDEMİR S., ÖZDEMİR İ., Kart A.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.14, no.5, pp.435-441, 2010 (SCI-Expanded)
- XXXIX. **Gold(I) Complexes of N-Heterocyclic Carbene Ligands Containing Benzimidazole: Synthesis and Antimicrobial Activity**
ÖZDEMİR İ., TEMELLI N., GÜNAL S., DEMİR S.
MOLECULES, vol.15, no.4, pp.2203-2210, 2010 (SCI-Expanded)
- XL. **Synthesis and Antimicrobial Activity of Novel Ag-N-Heterocyclic Carbene Complexes**
ÖZDEMİR İ., Ozcan E. Ö., GÜNAL S., GÜRBÜZ N.
MOLECULES, vol.15, no.4, pp.2499-2508, 2010 (SCI-Expanded)
- XLI. **CHANGES IN TYROSINE HYDROXYLASE ACTIVITY, ADRENOMEDULLIN (ADM) AND TOTAL RNA LEVELS BY TREATMENT OF ORGANOSELENIUM COMPOUNDS IN RAT HYPOTHALAMUS EXPOSED TO 7,12-DIMETHYLBENZANTHRACENE (DMBA)**
ÖZDEMİR İ., TALAS Z. S., GÖK Y., ATEŞ B., Yılmaz İ.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, no.4A, pp.664-668, 2010 (SCI-Expanded)
- XLII. **Role of selenium compounds on tyrosine hydroxylase activity, adrenomedullin and total RNA levels in hearts of rats**
TALAS Z. S., ÖZDEMİR İ., GÖK Y., ATEŞ B., YILMAZ İ.
REGULATORY PEPTIDES, vol.159, no.1-3, pp.137-141, 2010 (SCI-Expanded)
- XLIII. **The effects of synthetic organoselenium compounds on nitric oxide in DMBA - induced rat liver**
TALAS Z. S., BAYRAKTAR N., ÖZDEMİR İ., GÖK Y., Yılmaz İ.
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.30, no.4, pp.591-593, 2009 (SCI-Expanded)
- XLIV. **Role of Synthesized Organoselenium Compounds on Protection of Rat Erythrocytes from DMBA-**

Induced Oxidative Stress

TALAS Z. S., YILMAZ İ., ÖZDEMİR İ., ATEŞ B., GÖK Y., Cetinkaya B.

BIOLOGICAL TRACE ELEMENT RESEARCH, vol.128, no.2, pp.167-175, 2009 (SCI-Expanded)

- XLV. **Antioxidative effects of novel synthetic organoselenium compound in rat lung and kidney**

TALAS Z. S., ÖZDEMİR İ., Yilmaz İ., GÖK Y.

ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.72, no.3, pp.916-921, 2009 (SCI-Expanded)

- XLVI. **Antioxidative role of selenium against the toxic effect of heavy metals (Cd²⁺ Cr⁺³ on liver of rainbow trout (*Oncorhynchus mykiss* Walbaum 1792))**

TALAS Z. S., ORUN I., ÖZDEMİR İ., Erdogan K., ALKAN A., Yilmaz İ.

FISH PHYSIOLOGY AND BIOCHEMISTRY, vol.34, no.3, pp.217-222, 2008 (SCI-Expanded)

- XLVII. **Antioxidative role of selenium on some tissues of (Cd²⁺, Cr³⁺)-induced rainbow trout**

Orun I., TALAS Z. S., ÖZDEMİR İ., ALKAN A., Erdogan K.

ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.71, no.1, pp.71-75, 2008 (SCI-Expanded)

- XLVIII. **The investigation of the antioxidative properties of the novel synthetic organoselenium compounds in some rat tissues**

TALAS Z. S., ÖZDEMİR İ., Yilmaz İ., GÖK Y., Orun I.

EXPERIMENTAL BIOLOGY AND MEDICINE, vol.233, no.5, pp.575-579, 2008 (SCI-Expanded)

- XLIX. **Modulation of DMBA-induced biochemical changes by organoselenium compounds in blood of rats.**

Ozdemir I., SELAMOGLU Z., Ates B., Gök Y., YILMAZ İ.

Indian journal of biochemistry & biophysics, vol.44, no.4, pp.257-9, 2007 (SCI-Expanded)

- L. **The effects of novel synthetic organoselenium compounds on hematological parameters in DMBA-induced rats**

SELAMOGLU Z., Ozdemir I., Atcs B., Goo Y., ORUN I., Yilmaz İ.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, no.6, pp.596-600, 2007 (SCI-Expanded)

- LI. **Inhibition of DMBA induced rat mammary duct damage by novel synthetic organoselenium compounds**

Ozdemir I., TALAS Z. S., Gul M., Ates B., Gok Y., ESREFOGLU M., Yilmaz İ.

EXPERIMENTAL ANIMALS, vol.55, no.5, pp.449-455, 2006 (SCI-Expanded)

- LII. **Protective effect of melatonin on experimental spinal cord ischemia**

ERTEN S., KOCAK A., Ozdemir I., Aydemir S., COLAK A., REEDER B.

SPINAL CORD, vol.41, no.10, pp.533-538, 2003 (SCI-Expanded)

- LIII. **The protective effect of melatonin on adriamycin-induced acute cardiac injury**

KOCAK G., ERBIL K., Ozdemir I., AYDEMIR S., SUNAR B., TUNCEL M., ATALAY S.

CANADIAN JOURNAL OF CARDIOLOGY, vol.19, no.5, pp.535-541, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Role of Protocatechuic Acid (PCA) on Hepatotoxicity and Nephrotoxicity Induced by 2, 3, 7, 8-Tetrachlorodibenzo-P-Dioxin (TCDD) in Rats**
SAVCI A., ÖZDEMİR İ.

Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.8, no.1, pp.546-553, 2020 (Peer-Reviewed Journal)

- II. **“ The Investigation of Protective Effect of Quercetin in Rats Exposed to Oxidative Stress by 2,3,7,8-Tetrachlorodibenzo-p-Dioxin**
CAKIR O., ÖZDEMİR İ.

Hacettepe Journal of Biology and Chemistry, no.47, pp.61-66, 2019 (Scopus)

- III. **N-Heterocyclic carbene silver complexes: synthesis, characterization and in vitro antimicrobial studies**
AKKOÇ S., GÖK Y., ÖZDEMİR İ., GÜNAL S.

Journal of the Chinese Advanced Materials Society, vol.2, no.1, pp.20-30, 2014 (Peer-Reviewed Journal)

- IV. **Antimicrobial Studies of N-Heterocyclic Carbene Silver Complexes Containing Benzimidazol-2-**

ylidene Ligand

GÖK Y., SARI Y., AKKOÇ S., ÖZDEMİR İ., GÜNAL S.

International Journal of Inorganic Chemistry, vol.2014, pp.1-6, 2014 (Peer-Reviewed Journal)

V. Role of propolis on oxidative stres in fish brain

Kakoolaki s., TALAS Z. S., CAKIR O., ÇİFTÇİ O., ÖZDEMİR İ.

Basic and Clinical Neuroscience, vol.4, no.2, pp.45-50, 2013 (Scopus)

VI. Propolis attenuates oxidative injury in brain and lung of nitric oxide synthase inhibited rats

TALAS Z. S., ÖZDEMİR İ., ÇİFTÇİ O., CAKIR O.

Journal of Pharmaceutical Care, vol.1, no.2, pp.45-50, 2013 (Peer-Reviewed Journal)

VII. The Investigation of Serum Malondialdehyde levels and Erythrocyte Antioxidant Enzymes in Hypertension Patients

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VI. Synthesis, Characterization and Antimicrobial Activities of Ag(I)-N-Heterocyclic Carbene Complexes

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Synthesis, Characterization and Antimicrobial Activities of Ag(I)-N-Heterocyclic Carbene Complexes, Attendee, Gaziantep, Turkey, 2017

Antitumor Properties of water-soluble Au-N-heterocyclic carbene complexes, Attendee, İstanbul, Turkey, 2017

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