

Prof. GÜZİDE YÜCEBİLĞİÇ

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Education Information

Doctorate, Cukurova University, Tıp Fak./Sağlık Bilimleri, Biyokimya, Turkey 1991 - 1995

Research Areas

Chemistry, Biochemistry, Enzyme Kinetics, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, 2010 - Continues

Advising Theses

YÜCEBİLĞİÇ G., Non-Hodgkin Lenfomali Bireylerde Paraoksanaz Polimorfizmi ve Paraoksanazın Aktivitesinin Belirlenmesi, Doctorate, E.Çınar(Student), 2015

YÜCEBİLĞİÇ G., Lipaz Enziminin Magnetik Nanopartiküllere Farklı Ara kollar Üzerinden İmmobilizasyonu ve Karakterizasyonu, Postgraduate, M.Şengül(Student), 2013

YÜCEBİLĞİÇ G., Üreaz Enziminin Magnetik Nanopartiküllere Farklı Ara Kollar Üzerinden İmmpbilizasyonu ve Karakterizasyonu, Doctorate, N.Güleşçi(Student), 2013

YÜCEBİLĞİÇ G., Bazı Kuru ve Taze Meyvelerin Antioksidan Kapasitelerinin Araştırılması., Postgraduate, B.Fennibilek(Student), 2012

YÜCEBİLĞİÇ G., Pektinaz enziminin farklı iki destek üzerine immobilizasyonu ve karakterizasyonu., Postgraduate, F.Yener(Student), 2007

YÜCEBİLĞİÇ G., Keten Tohumu (Linum usitatissimum) ekstraktında Katalaz ve Süperoksit dismutaz enzim aktivitileri., Postgraduate, Y.Bozdemir(Student), 2007

YÜCEBİLĞİÇ G., Akrilamidin kanda Na+-K+ ATPaz enzim aktivitesi ve glutatyon, hemoglobin, albumin düzeylerine etkisi., Postgraduate, Z.Keskin(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

I. Immobilization of recombinant l-asparaginase from *Geobacillus kaustophilus* on magnetic MWCNT-nickel composites

Özdemir F. İ., Karaaslan B., Tülek A., Yucebilgic G., Yıldırım D.

- PROCESS BIOCHEMISTRY, vol.127, pp.10-20, 2023 (SCI-Expanded)
- II. **Different spacer-arm attached magnetic nanoparticles for covalent immobilization of Jack bean urease**
Gulesci N., Yücebilgiç G., Yıldırım D.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, vol.47, no.4, pp.501-509, 2022 (SCI-Expanded)
- III. **The effect of Paraoxonase gene polymorphisms and paraoxonase enzyme activity on Non-Hodgkin lymphoma**
ÇINAR E., Akgollu E., YÜCEBİLGİÇ G., BİLGİN R., PAYDAŞ S.
NUCLEOSIDES NUCLEOTIDES & NUCLEIC ACIDS, vol.41, no.5-6, pp.489-502, 2022 (SCI-Expanded)
- IV. **Immobilization and characterization of urease onto different spacer arms attached magnetic nanoparticles**
YÜCEBİLGİÇ G., GÜLEŞÇİ N., YILDIRIM D.
NEW BIOTECHNOLOGY, vol.33, 2016 (SCI-Expanded)
- V. **Oxidative Stress in Vivax Malaria**
BİLGİN R., YALCIN M. S., YÜCEBİLGİÇ G., KOLTAŞ İ. S., Yazar S.
KOREAN JOURNAL OF PARASITOLOGY, vol.50, no.4, pp.375-377, 2012 (SCI-Expanded)
- VI. **Partial purification and immobilization of a new (R)-hydroxynitrile lyase from seeds of Prunus pseudoarmeniaca**
TÜRKEL S. S., YILDIRIM D., ALAGÖZ D., Alptekin O., Yucebilkic G., BİLGİN R.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATICS, vol.66, pp.161-165, 2010 (SCI-Expanded)
- VII. **Catalase and Superoxide Dismutase Enzymes Activities in Flaxseed (*Linum Usitatissimum*) Extract**
YÜCEBİLGİÇ G., Bozdemir Y.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.3, pp.2013-2017, 2010 (SCI-Expanded)
- VIII. **Antioxidant Enzyme Status in Human Cystic Echinococcosis**
YÜCEBİLGİÇ G., BİLGİN R., ERBAKAN M., KOLTAŞ İ. S., PARSAK C. K.
ASIAN JOURNAL OF CHEMISTRY, vol.21, no.7, pp.5453-5457, 2009 (SCI-Expanded)
- IX. **APPLICATION OF FREE AND IMMOBILIZED EPOXIDE HYDROLASE IN ENANTIOSELECTIVE HYDROLYSIS OF STYRENE OXIDE**
YILDIRIM D., Tukel S., YÜCEBİLGİÇ G.
IUBMB LIFE, vol.61, no.3, pp.379, 2009 (SCI-Expanded)
- X. **Serum malondialdehyde level in patients with cystic echinococcosis**
Koltas I. S., Yucebilkic G., Bilgin R., Parsak C. K., Sakman G.
SAUDI MEDICAL JOURNAL, vol.27, no.11, pp.1703-1705, 2006 (SCI-Expanded)
- XI. **Effects of Daflon on oxidative stress induced by hindlimb ischemia/reperfusion**
UNLU A., Sucu N., Tamer L., Coşkun B., Yucebilkic G., Ercan B., GUL A., Dikmengil M., Atik U.
PHARMACOLOGICAL RESEARCH, vol.48, no.1, pp.11-15, 2003 (SCI-Expanded)
- XII. **Effects of lead on Na⁺-K⁺ ATPase and Ca²⁺ ATPase activities and lipid peroxidation in blood of workers**
Yucebilkic G., Bilgin R., Tamer L., Tukel S. S.
INTERNATIONAL JOURNAL OF TOXICOLOGY, vol.22, no.2, pp.95-97, 2003 (SCI-Expanded)
- XIII. **Effects of Daflon on oxidative stress induced by hindlimb ischemia/reperfusion**
Ünlü A., Sucu N., Tamer L., Coşkun B., YÜCEBİLGİÇ G., Ercan B., Gül A., Dikmengil M., Atik U.
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- XIV. **Decreased serum total antioxidant status and erythrocyte-reduced glutathione levels are associated with increased serum malondialdehyde in atherosclerotic patients**
Tamer L., Sucu N., POLAT G., Ercan B., AYTACOGLU B., Yucebilkic G., UNLU A., Dikmengil M., Atik U.
ARCHIVES OF MEDICAL RESEARCH, vol.33, no.3, pp.257-260, 2002 (SCI-Expanded)
- XV. **Decreased serum total antioxidant status and erythrocyte-reduced glutathione levels are associated with increased serum malondialdehyde in atherosclerotic patients**
Tamer L., Sucu N., Polat G., Ercan B., Aytacoglu B., YÜCEBİLGİÇ G., Ünlü A., Dkmengil M., Atik U.
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- XVI. **The effect of lead on sera malonyldialdehyde, vitamin C, vitamin E and erythrocyte reduced glutathione**
 Tamer L., Yucebilgic G., Bilgin R., Tanrıverdi K., Tukel S.
BIOCHEMICAL ARCHIVES, vol.14, no.3, pp.207-210, 1998 (SCI-Expanded)
- XVII. **Zinc and selenium status of healthy children from the Central Anatolian region of Turkey**
 İsbir T., Taylor A., Tamer L., YÜCEBİLGİÇ G., Öner A.
TRACE ELEMENTS AND ELECTROLYTES, vol.14, no.2, pp.87-90, 1997 (SCI-Expanded)
- XVIII. **Zinc and selenium status of healthy children from the Central Anatolian region of Turkey**
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TRACE ELEMENTS AND ELECTROLYTES, vol.14, no.2, pp.87-90, 1997 (SCI-Expanded)
- XIX. **ZINC, COPPER, MAGNESIUM AND SICKLE-CELL-ANEMIA**
 İsbir T., YUCEBILGIC G., Tamer L., BASLAMILI F., Koçak R., Taylor A.
TRACE ELEMENTS AND ELECTROLYTES, vol.12, no.3, pp.161, 1995 (SCI-Expanded)

Articles Published in Other Journals

- I. **Review on Evaluation of Physalis peruviana L.'s Antioxidant, Antimicrobial and Biochemical Activities**
 Güleşçi N., Yücebilgiç G., Bilgin R.
Asian Journal of Research in Biochemistry, vol.9, no.2, pp.30-39, 2021 (Peer-Reviewed Journal)
- II. **Age-related changes in antioxidant enzymeactivities**
 BİLGİN R., Kurt N., GÜLEŞÇİ N., YÜCEBİLGİÇ G.
Annals of Clinical Nutrition, 2020 (Peer-Reviewed Journal)
- III. **Pulsed Magnetic Field on antioxidant system alpha-carrageenan induced acute paw edema**
 ÖCAL I., Mert T., YÜCEBİLGİÇ G.
CUKUROVA MEDICAL JOURNAL, vol.42, no.4, pp.630-636, 2017 (Peer-Reviewed Journal)
- IV. **Pulsed magnetic field action on antioxidant system in lambda-carrageenan induced acute paw edema**
 ÖCAL I., MERT T., YÜCEBİLGİÇ G.
CUKUROVA MEDICAL JOURNAL, vol.42, no.4, pp.630-636, 2017 (ESCI)
- V. **Serum and hair zinc, copper and magnesium levels in patients with pulmonary tuberculosis**
 Çekirdekçi A., Köksel O., İlhan N., Tamer L., YÜCEBİLGİÇ G., İsbir T., Ulus T.
FIRAT ÜNİVERSİTESİ SAĞLIK BİLİMLERİ TIP DERGİSİ, vol.9, no.1, pp.46-48, 1995 (Peer-Reviewed Journal)
- VI. **Serum,lökosit ve saç çinko düzeylerinin araştırılması**
 İsbir T., YÜCEBİLGİÇ G., BAŞLAMIŞLI İ. F., Sunguroğlu K., SATAR M., Kahraman E.
Optimal Tıp Dergisi, vol.5, no.1, pp.45-48, 1992 (Peer-Reviewed Journal)
- VII. **Serviks kanseri olgularında doku bakır, çinko ve magnezyum seviyeleri**
 Altıntaş A., Atay Y., YÜCEBİLGİÇ G., Arıdoğan N., İsbir T.
KADIN DOĞUM DERGİSİ, vol.7, no.3, pp.197-198, 1991 (Peer-Reviewed Journal)
- VIII. **Çinko tolerans testinin genel anestezi almış olgularda plazma bakır düzeyine olan etkisi**
 İŞIK A., Özçengiz D., Yücebilgiç G., Günlüşen C., İsbir T.
CUKUROVA ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ, no.4, pp.565-567, 1989 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Immobilization of L-Asparaginase on Magnetic Nanoparticles**
 Varan N. E., Yücebilgiç G.
 4th Eurasia Biochemical Approaches & Technologies, Antalya, Turkey, 3 - 06 November 2022, pp.250
- II. **Investigation of Free And Immobilized Cellulase Activity in Buffer-Ionic Liquid Medium**
 YÜCEBİLGİÇ G., Güngör Ö., YILDIRIM D.

1. Euroasia Biochemical Approaches & Technologies Congress, Antalya, Turkey, 27 - 30 October 2018, pp.104
- III. **Investigation of Free And Immobilized Cellulase Activity in Buffer-Ionic Liquid Medium**
YÜCEBİLGİÇ G., Güngör Ö., YILDIRIM D.
1. Euroasia Biochemical Approaches & Technologies Congress, Antalya, Turkey, 27 - 30 October 2018, pp.104
- IV. **Covalent Immobilization and Characterization of Chloroperoxidase Enzyme Onto Immobead 150**
YÜCEBİLGİÇ G., YILDIRIM D., TOPRAK A.
IX INTERNATIONAL CONFERENCE IN CHEMISTRY KYIV-TOULOUSE (ICKT-9), Kiev, Ukraine, 4 - 09 June 2017, pp.195
- V. **Immobilization and characterization of urease onto different spacer arms attached magnetic nanoparticles**
YÜCEBİLGİÇ G., Güleşci N., YILDIRIM D.
17th European Congress on Biotechnology, Krakow, Poland, 3 - 06 July 2016, vol.33S, pp.104
- VI. **Immobilization and characterization of urease onto different spacer arms attached magnetic nanoparticles**
YÜCEBİLGİÇ G., Güleşci N., YILDIRIM D.
17th European Congress on Biotechnology, Krakow, Poland, 3 - 06 July 2016, vol.33S, pp.104
- VII. **Immobilization and characterization of Candida rugosa lipase on magnetic nanoparticles through different spacer arms**
Şengül M., Beykan L., YILDIRIM D., YÜCEBİLGİÇ G.
NCC6 - The 6th Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016, pp.87
- VIII. **Immobilization and characterization of Candida rugosa lipase on magnetic nanoparticles through different spacer arms**
Şengül M., Beykan L., YILDIRIM D., YÜCEBİLGİÇ G.
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- IX. **Applicaton of free and immobilized epoxide hydrolase in enantioselective hydrolysis of styrene oxide**
YILDIRIM D., TÜKEL S. S., YÜCEBİLGİÇ G.
. Third International Congress of Molecular Medicine, İstanbul, Turkey, 5 - 08 May 2009, pp.379
- X. **Applicaton of free and immobilized epoxide hydrolase in enantioselective hydrolysis of styrene oxide**
YILDIRIM D., TÜKEL S. S., YÜCEBİLGİÇ G.
. Third International Congress of Molecular Medicine, İstanbul, Turkey, 5 - 08 May 2009, pp.379
- XI. **Applicaton of free and immobilized epoxide hydrolase in enantioselective hydrolysis of styrene oxide**
YILDIRIM D., TÜKEL S. S., YÜCEBİLGİÇ G.
. Third International Congress of Molecular Medicine, İstanbul, Turkey, 5 - 08 May 2009, pp.379
- XII. **Purification of soybean lipoxygenase**
TÜKEL S. S., YILDIRIM D., YÜCEBİLGİÇ G., BİLGİN R.
13th Meeting of Balkan Clinical Laboratory Federation, Tiran, Albania, 28 September - 01 October 2005, pp.87
- XIII. **Purification of soybean lipoxygenase**
TÜKEL S. S., YILDIRIM D., YÜCEBİLGİÇ G., BİLGİN R.
13th Meeting of Balkan Clinical Laboratory Federation, Tiran, Albania, 28 September - 01 October 2005, pp.87
- XIV. **Purification of soybean lipoxygenase**
TÜKEL S. S., YILDIRIM D., YÜCEBİLGİÇ G., BİLGİN R.
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- XV. **Purification of soybean lipoxygenase**
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13th Meeting of Balkan Clinical Laboratory Federation, Tiran, Albania, 28 September - 01 October 2005, pp.87
- XVI. **Purification of soybean lipoxygenase**
Tukel S., Yildirim D., Bilgin R., Yucebilgic G.
30th Congress of the Federation-of-European-Biochemical-Societies (FEBS)/9th IUBMB Conference, Budapest,

Supported Projects

- YÜCEBİLGİÇ G., YILDIZ E., Project Supported by Higher Education Institutions, Kimya Bölümü Öğretim ve Döner Sermaye Analizleri İçin Kullanılan Cihazların Onarımı ve Laboratuvarın Güçlendirilmesi, 2018 - 2021
- YÜCEBİLGİÇ G., Çölkesen F. N., Project Supported by Higher Education Institutions, Selülez enziminin epoksi metakrilat ve epoksi butil metekrilat ile immobilizasyonu ve karakterizasyonu, 2018 - 2020
- YÜCEBİLGİÇ G., YILDIRIM D., Güngör Ö., Project Supported by Higher Education Institutions, Serbest ve Kovalent Olarak Immobilize Edilmiş Selülezin Klor İyonu İçeren Katyonları Farklı İmidazolyum Tabanlı Çeşitli İyonik Sivilar İçerisinde Aktivitelerinin Araştırılması, 2017 - 2019
- YÜCEBİLGİÇ G., PAYDAŞ S., Project Supported by Higher Education Institutions, Paraoxonase1 Gene Polymorphisms and Serum Paraoxonase Activity in Turkish NonHodgkin Lymphoma Patients, 2015 - 2016
- YÜCEBİLGİÇ G., Project Supported by Higher Education Institutions, Kloroperoksidaz Enziminin Manyetik Desteğe Glutaraldehit Ara Kolu Üzerinden Immobilizasyonu ve Karekterizasyonu, 2013 - 2016

Scientific Refereeing

- Project Supported by Higher Education Institutions, November 2017
- Cellular and Molecular Biology, National Scientific Refreed Journal, October 2017
- TUBITAK Project, July 2017
- Project Supported by Higher Education Institutions, December 2016
- Project Supported by Higher Education Institutions, December 2016
- Project Supported by Higher Education Institutions, October 2016
- Project Supported by Higher Education Institutions, May 2015

Metrics

- Publication: 46
- Citation (WoS): 120
- Citation (Scopus): 127
- H-Index (WoS): 6
- H-Index (Scopus): 6

Non Academic Experience

- Çukurova Üniversitesi Fen-Edebiyat Fak. Kimya Böl.
- Çukurova Üniversitesi Fen-Edebiyat Fak. Kimya Böl.