

Assoc. Prof. Emel ORDU

Personal Information

Email: bemel@yildiz.edu.tr

Web: <https://bio.yildiz.edu.tr>

International Researcher IDs

ScholarID: bWH3M9QAAAAJ

ORCID: 0000-0003-3060-2806

Publons / Web Of Science ResearcherID: AAZ-8383-2020

ScopusID: 21734892200

Yoksis Researcher ID: 117614

Education

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Genetik Ve Biyoteknoloji, Turkey
2005 - 2010

Research Areas

Life Sciences, Enzymology, Biotechnology, Industrial Biotechnology, Microbial Biotechnology, Microbial Diversity, Molecular Biology and Genetics, Protein Engineering, Natural Sciences

Academic Positions

Associate Professor, Yildiz Technical University, Faculty of Arts & Science, Department Of Molecular Biology And Genetics, 2022 - Present

Academic and Administrative Experience

Deputy Head of Department, Yildiz Technical University, 2022 - 2025

Courses

Doctorate

Protein Yapısı ve Mühendisliği, Doctorate, 2015 - 2016

İleri Nükleik Asit ve Protein Biyokimyası, Doctorate, 2015 - 2016

Undergraduate

Protein Kimyası, Undergraduate, 2021 - 2022

Moleküler Biyolojiye Giriş, Undergraduate, 2016 - 2017

Biyokimyasal Hesaplamalar, Undergraduate, 2016 - 2017

Biyokimya I, Undergraduate, 2016 - 2017

Supervised Theses

ORDU E., Zeytin Fermantasyonunun Mikrobiyal çeşitliliğin Metagenomik Yaklaşımla Araştırılması, Postgraduate, H.Karaçay(Student), 2017

ORDU E., Cmfdh Enziminin Termostabilitesinin Geliştirilmesine Yönelik Hedef Bölgeler Üzerinde Bölgeye Özel Mutasyon Uygulamaları, Postgraduate, M.Tahmaz(Student), 2013

Jury Memberships

Doctorate, Doktora Tez Savunma Jürisi, İTÜ, December, 2016

Articles

- I. **Antioxidant and molecular response of mutant and native rice (*Oryza sativa* L.) varieties grown under salt stress**
Arvas Y. E., KOCAÇALIŞKAN İ., ERİŞEN S., ORDU E.
Biologia, vol.78, no.4, pp.1199-1210, 2023 (SCI-Expanded, Scopus)
- II. **Comparative retrotransposon analysis of mutant and non-mutant rice varieties grown at different salt concentrations**
Arvas Y. E., KOCAÇALIŞKAN İ., ORDU E., ERİŞEN S.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.36, no.1, 2022 (SCI-Expanded, Scopus)
- III. **Effect of Met/Leu substitutions on the stability of NAD⁺-dependent formate dehydrogenases from *Gossypium hirsutum***
Ordu E., Kurt S.
Applied Microbiology And Biotechnology, vol.6, no.1, pp.1-12, 2021 (SCI-Expanded, Scopus)
- IV. **In Vitro Evaluation of Immunogenicity of Recombinant OMP25 Protein Obtained from Endemic *Brucella abortus* Biovar 3 as Vaccine Candidate Molecule Against Animal Brucellosis**
Atabay T., Acar T., Derman S., Ordu E., Erdemir A., Tasli P. N., Gur G. K., Sahin F., Gulluce M., Arasoglu T.
PROTEIN AND PEPTIDE LETTERS, vol.28, no.10, pp.1138-1147, 2021 (SCI-Expanded, Scopus)
- V. **Microbiota profiling and screening of the lipase active halotolerant yeasts of the olive brine**
Demirci H., Kurt Gür G., Ordu E.
World Journal Of Microbiology & Biotechnology, vol.37, pp.1-13, 2021 (SCI-Expanded, Scopus)
- VI. **Synthesis of New 4-Oxo-Tetrahydroindol Derivatives by Using Chemical and Microbial Biotransformation Methods**
Caliskan Z., Soydan E., Kurt Gür G., Ordu E.
Polycyclic Aromatic Compounds, vol.40, no.5, pp.1390-1396, 2020 (SCI-Expanded, Scopus)
- VII. **Metagenomic analysis of the microbial community in Çal Cave soil to elucidate biotechnological potential**
DEMİRCİ H., ORDU E.
Turkish Journal of Forestry, vol.21, no.3, pp.254-259, 2020 (TRDizin)
- VIII. **Stress response of NAD⁺-dependent formate dehydrogenase in *Gossypium hirsutum* L. grown under copper toxicity**
Kurt-Gur G., Demirci H., Sunulu A., Ordu E.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.25, pp.31679-31690, 2018 (SCI-Expanded, Scopus)
- IX. **Characterization of a novel thermotolerant NAD⁺-dependent formate dehydrogenase from hot climate plant cotton (*Gossypium hirsutum* L.)**
Kurt-Gur G., Ordu E.
3 BIOTECH, vol.8, 2018 (SCI-Expanded, Scopus)
- X. **Site Saturation Mutagenesis Applications on *Candida methylca* Formate Dehydrogenase**
Ozgun G. P., Ordu E., Tutuncu H. E., Yelboga E., Sessions R. B., Karaguler N. G.
SCIENTIFICA, 2016 (ESCI, Scopus)

- XI. **Effect of surface electrostatic interactions on the stability and folding of formate dehydrogenase from *Candida methylica***
Ordu E., Sessions R. B., Clarke A. R., Karaguler N. G.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.95, pp.23-28, 2013 (SCI-Expanded, Scopus)
- XII. **The effect of methionine to cysteine substitution on the stability of formate dehydrogenase from *Candida methylica***
Ordu E., Yelboga E., Secundo F., Sessions R. B., Karaguler N. G.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.82, pp.109-114, 2012 (SCI-Expanded, Scopus)
- XIII. **IMPROVED *Candida methylica* FORMATE DEHYDROGENASE FERMENTATION THROUGH STATISTICAL OPTIMIZATION OF LOW-COST CULTURE MEDIA**
Kahraman M., Ordu E., Yesiladali K., Karaguler N. G., Tamerler C.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.42, pp.507-519, 2012 (SCI-Expanded, Scopus)
- XIV. **Kinetic and thermodynamic properties of the folding and assembly of formate dehydrogenase**
Ordu E., Cameron G., Clarke A. R., Karaguler N. G.
FEBS LETTERS, vol.583, no.17, pp.2887-2892, 2009 (SCI-Expanded, Scopus)
- XV. **Improving the purification of NAD(+)-dependent formate dehydrogenase from *Candida methylica***
Ordu E., Karagueler N. G.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.37, pp.333-341, 2007 (SCI-Expanded, Scopus)
- XVI. **Protein engineering applications of industrially exploitable enzymes: *Bacillusstearothermophilus* LDH and *Candida methylica* FDH,**
Sessions R., Binay B., ORDU E., Clarke A. R.
BIOCHEMICAL SOCIETY TRANSACTIONS, no.35, pp.1610-1615, 2007 (SCI-Expanded, Scopus)
- XVII. **An Efficient and Rapid in vitro Regeneration System For Metal Resistant Cotton.**
Ordu E., Memon A.
Biologia Plantarum, vol.9, no.3, pp.415-417, 2005 (SCI-Expanded, Scopus)

Books

- I. **Protein Engineering Applications on Industrially important Enzymes: *Candida methylica* FDH as a case study.**
ORDU E., Gül Karagüler N.
in: Protein Engineering, Pravin Kaumaya, Editor, Intech, Rijeka, pp.75-99, 2012
- II. **Protein Engineering Applications on Industrially important Enzymes: *Candida methylica* FDH as a case study.**
ORDU E., GÜL-KARAGÜLER N.
in: Protein Engineering, Pravin Kaumaya, Editor, InTech, Rijeka, pp.75-98, 2012
- III. **Biyokimya ve Moleküler Biyoloji**
ORDU E., Karagüler N.
in: Gıda Biyoteknolojisi, Aran N., Editor, Nobel, İstanbul, pp.20-45, 2010
- IV. **2. BÖLÜM BİYOKİMYA VE MOLEKÜLER BİYOLOJİ**
ORDU E., GÜL-KARAGÜLER N.
in: Gıda Biyoteknolojisi, Prof. Dr. Necla ARAN, Editor, Nobel Yayın Dağıtım, İstanbul, pp.19-47, 2010

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Investigation of novel industrial proteins from different source by metagenomic approaches**
ORDU E.
5th International Congress on Advances in Bioscience and Biotechnology, Sarajevo, Bosnia And Herzegovina, 25 August 2021, pp.19, (Summary Text)

- II. **RECOMBINANT PRODUCTION OF A NOVEL INDUSTRIALLY IMPORTANT FORMAT DEHYDROGENASE ENZYME FROM CANDIDA DIDDENSIAE**
Arslan E., Kurt Gür G., Ordu E.
İSTANBUL INTERNATIONAL MODERN SCIENTIFIC RESEARCH CONGRESS, İstanbul, Turkey, 4 - 05 June 2021, pp.1, (Summary Text)
- III. **ENGINEERING OF SELECTED CYSTEINE RESIDUES OF NAD + DEPENDENT FORMATE DEHYDROGENASE TO INVESTIGATE THEIR ROLE IN PROTEIN STABILITY**
Ordu E., Gök Ş.
İstanbul INTERNATIONAL MODERN SCIENTIFIC RESEARCH CONGRESS, İstanbul, Turkey, 4 - 05 June 2021, vol.1, no.1, pp.4-5, (Summary Text)
- IV. **Gossypium Hirsutum Format Dehidrogenaz Enzimi Üzerine Bölge Uygunluk Mutasyonu Uygulamaları**
Ordu E., Atik K.
3. Ulusal Proteomik Kongresi, İstanbul, Turkey, 27 - 29 February 2020, pp.24, (Summary Text)
- V. **Metagenomik Yaklaşımla Elde Edilen Endoglukanaz Enziminin Karakterizasyonu**
Çalış F., Demirci H., Kurt Gür G., Ordu E.
3. Ulusal Proteomik Kongresi, 27-29 Şubat 2020, İstanbul, Turkey, 27 - 29 February 2020, pp.1, (Summary Text)
- VI. **Halofilik Bir Candida Türünden NAD(P)+-Bağımlı Format Dehidrogenaz Klonlanması**
Başsaraç Ö., Kurt Gür G., Ordu E.
3. Ulusal Proteomik Kongresi, İstanbul, Turkey, 27 - 29 February 2020, pp.1, (Summary Text)
- VII. **Investigation of Mesenchymal Stem Cells Differentiation Under Static Magnetic Field Induction**
Ordu E., Molo K.
8th INTERNATIONAL MOLECULAR BIOLOGY AND BIOTECHNOLOGY CONGRESS, Afyon, Turkey, 17 - 20 December 2019, pp.78, (Summary Text)
- VIII. **Format Dehidrogenaz Reaksiyonu ile Kiral α -hidroksi Benzofuranon Türevlerinin Sentezi***
Çalışkan Z., Ordu E., Kurt Gür G., Avcı K., Erdöl S.
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.116, (Summary Text)
- IX. **Yeni Bir Yaklaşımla 4-Oxo-tetrahidroindol Türevlerinin Biyotransformasyonu**
Erdöl S., KURT GÜR G., ORDU E., ÇALIŞKAN Z.
7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, Turkey, 14 March 2019, pp.9, (Full Text)
- X. **Green Remediation Of Polluted Soils By Using Commercially Important Crop Gossypium Hirsutum**
Sunulu A., Demirci H., Kurt Gür G., Ordu E.
the four edition of International Conference on Civil Environmental, Geology and Mining Engineering (ICOCEM-Trabzon 2019, Trabzon, Turkey, 20 April 2019, pp.150, (Summary Text)
- XI. **Metagenomik Alalysis of Environmental Microbial Sources: Case Study of Çal Cave**
Ordu E., Demirci H.
ICOCEM 4. İternational Conference on Civil Environmental Geology and Mining Engineering , Trabzon, Turkey, 22 April 2019, vol.1, no.1, pp.149, (Summary Text)
- XII. **In silico analysis of Omp19 and M24/M37 family peptidase of Brucella abortus to identify the potential T cell epitope**
Atabey T., Trabzonlu K., ORDU E., Güllüce M., ARASOĞLU T.
XV Congress of the Italian Federation of Life Sciences (XV. FISV), Eskişehir, Turkey, 18 September 2018, pp.197-198, (Full Text)
- XIII. **Cloning and Molecular Analysis of Endemic Brucella abortus Omp25 Gene**
Atabey T., Kurt Gur G., Ordu E., Erdemir A., Gulluce M., Arasoglu T.
4th International Congress on Applied Biological Sciences (ICABS), Eskişehir, Turkey, 03 May 2018, pp.169, (Full Text)
- XIV. **METAGENOMIC APPROACH TO INVESTIGATE THE NOVEL ENZYMES DEGRADING PLANT BIOMASS**
ORDU E., DEMİRCİ H., KURT GÜR G.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017, (Summary Text)

- XV. **MINING THE NOVEL HALOTOLERANT ENZYMES FROM MICROBIAL COMMUNITIES OF FOOD FERMENTATION**
KURT GÜR G., DEMİRCİ H., ORDU E.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017, (Summary Text)
- XVI. **INVESTIGATION OF THE NON-CULTIVABLE PROKARYOTIC MICROBIOTA OF TURKISH TABLE OLIVE BRINE**
karaçay h., DEMİRCİ H., KURT GÜR G., ORDU E.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017, (Summary Text)
- XVII. **Identification a New NAD⁺ - Dependent Formate Dehydrogenase From Anaerobic Clostridium Ljungdahlii**
Çakar M. M., Aslan A. S., ORDU E., Turunen O., Binay B.
The 11th International Conference on Protein Stabilisation, İstanbul, Turkey, 09 May 2016, pp.59, (Full Text)
- XVIII. **Investigation of CO₂ Reducing Capacity of Mutant cmFDHs for Hydrogen Fuel Production**
Büyükyavuz E., ORDU E., Gül Karagüler N.
The 11th International Conference on Protein Stabilisation, İstanbul, Turkey, 09 May 2016, pp.78, (Full Text)
- XIX. **Site Directed Mutagenesis Applications on Target Sites of cmFDH To Improve its Thermostability**
Tahmaz M., Par Özgün G., Je Yoo Y., gül karagüler n., ORDU E.
The 11th International Conference on Protein Stabilisation, İstanbul, Turkey, 09 May 2016, pp.50, (Full Text)
- XX. **Increasing Specific Activity of NAD⁺ Dependent Thermostabile Q105R Mutant of Candida Methylica Formate Dehydrogenase by Site-Directed Mutagenesis**
Torun S., Binay B., ORDU E., Gül Karagüler N.
The 11th International Conference on Protein Stabilisation, İstanbul, Turkey, 09 May 2016, pp.53, (Full Text)
- XXI. **Cloning of Gene Encoding Beta Glucosidase from leaves of olive (Olea Europaea L.) exposed to cold stress. 1st International Congress of Molecular Biology Association of Turkey, İstanbul, Türkiye, 01 Kasım 2012, ss.1**
Çavuşoğlu G., KURT GÜR G., ORDU E., ÖZDEMİR ÖZGENTÜRK N., VURAL KORKUT Ş.
1st International Congress of Molecular Biology Association of Turkey, İstanbul, Türkiye, Turkey, 23 - 24 November 2012, pp.21, (Summary Text)
- XXII. **Cloning of Gene Encoding Beta Glucosidase from leaves of olive (Olea Europaea L.) exposed to cold stress**
Çavuşoğlu Dolma G., Özdemir Özgentürk N., Kurt Gür G., Ordu E., Yüce E., Vural Korkut Ş.
1st International Congress of Molecular Biology Association of Turkey, İstanbul, Turkey, 01 November 2012, pp.1, (Summary Text)
- XXIII. **Site-saturation mutagenesis of formate dehydrogenase from Candida methylica to increase the thermostability**
ORDU E., Gül Karagüler N., Bıyık H. E.
22nd IUBMB ve 37th FEBS, Sevilla, Spain, 01 September 2012, (Full Text)
- XXIV. **Cloning of Novel Green Solvent Tolerant Hydrolytic Enzymes from Extremophilic Microorganisms**
ORDU E.
15th European Congress on Biotechnology, İstanbul, 01 September 2012, (Full Text)
- XXV. **Alteration of the Coenzyme Specificity of Formate Dehydrogenase from Candida methylica by Site Saturation Mutagenesis**
ORDU E.
International Conference on Enzyme Science and Technology, 01 November 2011, (Full Text)
- XXVI. **NADdependent formate dehydrogenase from Candida methylica with the increased thermostability**
ORDU E.
8th International Conference on Protein Stabilisation, Graz, Avustria, 01 April 2009, (Full Text)
- XXVII. **Nanobiyokatalizör Geliştirilmesinde Protein Mühendisliği Uygulamaları**
ORDU E.
İTÜ Nano-Bilim ve Nano-Teknoloji Çalıştayı, 01 February 2009, (Full Text)
- XXVIII. **Media optimization on Escherichia coli with pQE-2 carrying FDH gene in molasses-based medium**

- ORDU E.
33th International Meeting of The Federation of European Biochemical Societies, 01 June 2008, (Full Text)
- XXIX. **Crucial residues in NAD/NADP specificity of formate dehydrogenase from *Candida methylica***
ORDU E.
33th International Meeting of The Federation of European Biochemical Societies, 01 June 2008, (Full Text)
- XXX. **Effects of cysteine/cystine engineering on thermal stability of formate dehydrogenase from *Candida methylica***
ORDU E.
33th International Meeting of The Federation of European Biochemical Societies, 01 June 2008, (Full Text)
- XXXI. **Production of enzyme based compounds for Pharmaceutical Industry**
ORDU E.
5th International Symposium on Pharmaceutical Chemistry, 01 September 2007, (Full Text)
- XXXII. **Increasing the thermostability of NADdependent formate dehydrogenase from *Candida methylica* by optimization of surface electrostatic interaction**
ORDU E.
7th International Conference on Protein Stabilisation, Exeter-UK, 01 April 2007, (Full Text)
- XXXIII. **Protein engineering application on pharmaceutically Important Enzymes:LDH and FDH.**
ORDU E.
PROTEOMICS- Protein Structure and Function Workshop with international partipation, 01 September 2006, (Full Text)
- XXXIV. **Screening and selection of cotton genotypes resistant to Cd Toxicity**
ORDU E., Memon A.
1st Scientific Workshop And Management Committee Meeting, Pisa, Italy, 14 June 2005, pp.105, (Summary Text)
- XXXV. **Farklı pamuk genotiplerinin Cd, Cu ve Ni streslerine karşı gösterdikleri tepkilerin incelenmesi ve karşılaştırılması**
ORDU E.
XIII. Biyoteknoloji Kongresi, Çanakkale, 01 August 2003, (Full Text)
- XXXVI. **Screening and in vitro regeneration of Metal Resistant Cotton Grown in Turkey**
ORDU E.
28th International Meeting of The Federation of European Biochemical Societies, 01 October 2002, (Full Text)
- XXXVII. **Characterization and Expression of Heavy Metal Induced Genes in Cotton Grow Southern Region of Turkey**
Memon A., Özdemir A., Cevher Keskin B., ORDU E., Gençer O.
The Inter- Regional Cooperative Research Network on Cotton, Adana, Turkey, 20 September 2000, pp.253-257, (Full Text)

Funded Projects

- ORDU E., ALAÇAM S., Özbek Baykara S., Project Supported by Higher Education Institutions, BAP MSc, Türk Toplumunda SARSCoV2 ile Enfekte Hastalarda ACE Polimorfizm ve Düzey Araştırılması, 2021 - 2023
- ORDU E., Gök Ş. P., Project Supported by Higher Education Institutions, BAP MSc, Serbest Sistein Bakiyelerinin Gossypium hirsutum Format Dehidrogenaz Stabilesine Etkilerinin Araştırılması, 2021 - 2022
- ERİŞEN S., ORDU E., Arvas Y. E., Project Supported by Higher Education Institutions, BAP Research Project, MUTANT VE MUTANT OLMAYAN ÇELTİK (*Oryza sativa* L) BİTKİLERİNİN TUZ STRESİNDEKİ TOLERANS DURUMLARININ TESPİTİ, 2020 - 2022
- ORDU E., Atik K., Project Supported by Higher Education Institutions, BAP MSc, Gossypium hirsutum Format Dehidrogenaz Enzimi Üzerine Bölge Doygunluk Mutasyonu Uygulamaları, 2020 - 2021
- Kurt Gür G., Ordu E., Erişen S., Gürel A., Project Supported by Other Official Institutions, Hüyük Maddelerin Kestane Dal Kanseri Üzerine Etkilerinin İn-vitro Koşullarda Araştırılması, 2019 - 2021
- Kurt Gür G., Ordu E., Erişen S., Gürel A., Project Supported by Other Official Institutions, Gençleştirme Çalışmalarının

Sapsız Meşe (Quercus Petraea (Matt.) Liebl.) meşcerelerindeki genetik çeşitliliğe etkisi, 2019 - 2021

ORDU E., Molo K., Project Supported by Higher Education Institutions, BAP MSc, "KEMİK İLİĞİ KAYNAKLI MEZENKİMAL KÖK HÜCRELERDE STATİK MANYETİK ALANIN OSTEOBLASTİK FARKLILAŞMAYA ETKİSİNİN İNCELENMESİ", 2019 - 2020

ORDU E., Sunulu A., Project Supported by Higher Education Institutions, BAP MSc, Gossypium hirsutum Format Dehidrogenaz Enziminin Oksidatif Stresle Mücadeledeki Rolünün Araştırılması, 2018 - 2019

Ordu E., Kurt Gür G., TUBITAK Project, 3001 - Initial R&D Projects Support Program, Pamuk Bitkisinden (Gossypium Hirsutum) İzole Edilen Nad⁺-Bağımlı Format Dehidrogenaz'ın Rekombinant Üretimi Ve Biyoteknolojik Kullanımının Araştırılması, 2017 - 2019

ORDU E., TUBITAK Project, Kompost Toprakta Hazırlanan Metagenomik Kütüphaneden Yeni Lakkaz Adayı Genlerin Taranması, 2018 - 2018

ORDU E., KARAÇAY H., Project Supported by Higher Education Institutions, BAP MSc, Zeytin Fermantasyonunda Mikrobiyal Çeşitliliğinin Metagenomik Yaklaşımla Araştırılması, 2016 - 2018

ORDU E., Yüca E., DEMİRCİ H., VURAL KORKUT Ş., KURT GÜR G., KARAGÜLER N. G., Project Supported by Higher Education Institutions, BAP Research Project, Biyoyakıt Endüstrisi İçin Potansiyel Biyokatalizörlerin Taranması Amacıyla Kompost Toprakta Metagenomik Kütüphane Kurulması, 2013 - 2017

Kurt Gür G., Vural Korkut Ş., Ordu E., Yurtsever M., Project Supported by Higher Education Institutions, BAP Research Project, Zeytin (Olea Europaea L Cv. Gemlik)Yaprağından 914; Karbonik Anhidraz Enzimini Kodlayan Genin Karakterizasyonu Ve Soğuk Stresinde Anlatımının Analizi, 2013 - 2017

ORDU E., Other International Funding Programs, Organik koşullarda yetiştirilmiş Phaseolus vulgaris L.anlatımı artan genlerin SSH yöntemiyle izolasyonları, 2012 - 2014

ORDU E., Other International Funding Programs, Olea europaea EST Koleksiyonundan Seçilen Glukozidaz geninin Moleküler Analizi ve Pichia pastoriste Ekspresyonu, 2012 - 2014

ORDU E., TUBITAK Project, CORNET-Sıvı CO2 Koşullarına Uygun Yeni Enzim Sistemlerinin Geliştirilmesi ve Hijyen Gerektiren Alanlarda Kullanımı, 2010 - 2012

ORDU E., Project Supported by Other Official Institutions, Bölge Saturasyon Mutageniz Tekniği Kullanılarak Endüstriyel Öneme Sahip Format Dehidrogenaz Enziminin Termostabilitesinin Arttırılması, 2009 - 2011

ORDU E., TUBITAK Project, Bölge Saturasyon Mutageniz Yöntemi Kullanılarak Candida methylica Format Dehidrogenaz Enziminin Koenzim Spesifitesinin Değiştirilmesi, 2008 - 2011

ORDU E., Project Supported by Other Official Institutions, İlaç Endüstrisine Yönelik Enzim Bazlı Hammadde Üretimi, 2006 - 2009

Ordu E., Çalışkan Z., Kurt Gür G., Gören N., Bode Ü., Project Supported by Higher Education Institutions, BAP Research Project, Chlamydomonas reinhardtii yeşil alginin metal ve sıcaklığa karşı dayanıklılık genlerinin ekspresyonu, 2004 - 2005

Kurt Gür G., Ordu E., Gören N., Çalışkan Z., Project Supported by Higher Education Institutions, BAP Research Project, Ege ve Güney Anadolu Bölgelerinde Ağır Metaller Karşı Dayanıklı Pamuk Türlerinin Geliştirilmesi, 2001 - 2003

ORDU E., TUBITAK Project, Pamuk Bitkisine Ağır Metaller ve Mantar Hastalıklarına Karşı Genetik Mühendisliği ile Dayanıklılık Kazandırılması, 2001 - 2002

Metrics

Publication: 64

Citation (WoS): 97

Citation (Scopus): 106

H-Index (WoS): 7

H-Index (Scopus): 7