

Prof. RAZİYE ÖZTÜRK ÜREK



Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAB-9825-2022

ScopusID: 15838625700

Yoksis Researcher ID: 43292

Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Biyokimya (Dr), Turkey 2000 - 2003

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Kimya Eğitimi (YI), Turkey 1994 - 1998

Undergraduate, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Turkey 1990 - 1994

Dissertations

Doctorate, İmmobilize Phanerochaete chrysosporium'xxdan mangan peroksidaz enziminin üretimi, izolasyonu ve kısmi saflaştırılması, Ege University, Fen Bilimleri Enstitüsü, Biyokimya (Dr), 2003

Postgraduate, The Isolation and purification of superoxide dismutase from chicken liver, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Kimya Eğitimi (YI), 1998

Research Areas

Chemistry, Biochemistry, Natural Sciences

Academic Titles / Tasks

Professor, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2012 - Continues

Associate Professor, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2006 - 2012

Academic and Administrative Experience

Head of Department, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2023 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2023 - Continues

Bölüm Kalite Komisyonu Üyesi, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2021 - Continues

Program Accreditation-Self-Assessment Committee Member, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2021 - Continues
Rectorate Commissioner, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2018 - Continues
Head of Department, Dokuz Eylul University, Fen Fakültesi, Kimya Bölümü, 2013 - 2016
Head of Department, Dokuz Eylul University, Buca Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, 2009 - 2010

Courses

MSc Research, Postgraduate, 2023 - 2024, 2022 - 2023
Biyokimya II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Biyokimya Laboratuvarı II, Undergraduate, 2023 - 2024, 2022 - 2023
Bitirme Projesi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Endüstriyel Biyoteknoloji, Postgraduate, 2023 - 2024
MSc Thesis, Postgraduate, 2023 - 2024, 2022 - 2023
Öğretmenlik Uygulaması 2, Undergraduate, 2022 - 2023
Gıdalardaki Doğal Toksikantlar, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
M.Sc. Research, Postgraduate, 2023 - 2024, 2022 - 2023
M.Sc. Thesis, Postgraduate, 2023 - 2024, 2022 - 2023
Seminar, Postgraduate, 2022 - 2023
Ph.D. Research, Doctorate, 2022 - 2023, 2021 - 2022
Biyokimya1, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Öğretmenlik Uygulaması 2, Undergraduate, 2022 - 2023
CHEMISTRY, Undergraduate, 2023 - 2024
Protein Saflaştırma Yöntemleri, Postgraduate, 2022 - 2023, 2021 - 2022
Biyoteknolojide Katı Hal Fermentasyonu, Doctorate, 2022 - 2023, 2021 - 2022
Ph.D. Seminar, Doctorate, 2022 - 2023
M.Sc. Seminar, Postgraduate, 2022 - 2023, 2021 - 2022
Mikroalg: Biyoteknoloji ve Mikrobiyoloji, Postgraduate, 2021 - 2022

Advising Theses

Öztürk Ürek R., Investigation in Production, Isolation, Partial Purification and Some Antioxidant-Cytotoxic Properties of Phycocyanin, Postgraduate, M.KAVUT(Student), 2023
Öztürk Ürek R., Investigation of Phenolic Component Profile, Antioxidant Properties, Enzyme Inhibitory and Apoptotic Effects in Some Cancer Cells in Acinos Sp., Postgraduate, A.ÖNER(Student), 2023
Öztürk Ürek R., Alzheimer Hastalığının Tedavisine Yönelik Nanografen Bazlı İlaç Dağıtım Sistemleri, Postgraduate, H.Gökduvan(Student), 2023
ÖZTÜRK ÜREK R., Nigella sativa, Diospyros lotus ve Mespilus germanica ekstrelerinin fenolik bileşenleri, antioksidan özellikleri ve bazı kanser hücre hatlarındaki apoptotik etkilerinin incelenmesi, Postgraduate, U.MUAZU(Student), 2021
Öztürk Ürek R., Ekonomik mikroalgal lipid üretiminin optimizasyonu ve biyoyakıt potansiyelinin incelenmesi, Doctorate, Z.VELİOĞLU(Student), 2021
ÖZTÜRK ÜREK R., Bazı ligninolitik ve hidrolitik enzimlerin katı hal fermentasyonu ile üretimi, Doctorate, M.AKPINAR(Student), 2017
ÖZTÜRK ÜREK R., Derin kültür ve katı hal fermentasyonlarıyla ekzopolisakkarit üretiminin incelenmesi, Postgraduate, S.ILGIN(Student), 2016
ÖZTÜRK ÜREK R., Lignosellülozik atıklardan biyosüpfaktan üretimi ve kısmi karakterizasyonu, Postgraduate, Z.VELİOĞLU(Student), 2015
ÖZTÜRK ÜREK R., Farklı azot kaynaklarının bazı mikroalgal azot asimilasyonu enzimleri üzerine etkisi, Postgraduate,

M.ESEN(Student), 2014

ÖZTÜRK ÜREK R., Farklı çevresel stres koşullarının bazı siyanobakteri metabolitleri üzerine etkilerinin araştırılması, Postgraduate, Y.KERİMOĞLU(Student), 2014

ÖZTÜRK ÜREK R., Investigation of productions manganese peroxidase and laccase enzymes from white rot fungus, Postgraduate, Ş.ÖZÇIRAK(Student), 2012

ÖZTÜRK ÜREK R., Ligninolitik enzim aktivite değişimlerinin büyüme koşullarına bağımlı incelenmesi, Postgraduate, M.AKPINAR(Student), 2011

ÖZTÜRK ÜREK R., The effects of experimental applications on student's cognitive levels and attitude towards chemistry laboratory in teaching of dissolving-melting concepts, Postgraduate, A.ÜNAL(Student), 2010

Jury Memberships

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, February, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, January, 2024

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, December, 2023

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, July, 2023

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, July, 2023

Post Graduate, Post Graduate, Dokuz Eylül Üniversitesi, June, 2023

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, June, 2023

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül University, June, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, June, 2023

Committee Of Expert, Committee Of Expert, Dokuz Eylül Üniversitesi, May, 2023

Doctorate, Doctorate, Manisa Celal Bayar Üniversitesi, February, 2023

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, October, 2022

Post Graduate, Post Graduate, Ege Üniversitesi, September, 2022

Doctorate, Doctorate, Ege Üniversitesi, August, 2022

Doctoral Examination, Doctoral Examination, Dokuz Eylül Üniversitesi, July, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Phenolic composition, antioxidant, and cytotoxic effects on HeLa and HepG2 cancer cell lines of *Mespilus germanica* grown in Turkey**
Yunusa U. M., Öztürk Ürek R.
NATURAL PRODUCT RESEARCH, vol.1010801478641920232230612, no.10.1080/14786419.2023.2230612, pp.1-6, 2023 (SCI-Expanded)
- II. **Determination of phenolic compounds in *Diospyros lotus* by RP-HPLCDAD and evaluation of antioxidant and cytotoxic properties**
Yunusa U. M., Öztürk Ürek R.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.17, no.1, pp.1413-1427, 2023 (SCI-Expanded)
- III. **Evaluation of phenolic profiles, antioxidant activities, and cytotoxic and apoptotic potentials of *Phlomis angustissima* and *Phlomis fruticosa*, medicinal plants from Turkey**
Tarhan L., Öztürk Ürek R., Öner A., Nakiboğlu M.
EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE, vol.55, pp.1-13, 2022 (SCI-Expanded)
- IV. **Direct utilization of peach wastes for enhancements of lignocellulolytic enzymes productions by *Pleurotus eryngii* under solid-state fermentation conditions**

Akpınar M., Öztürk Ürek R.

CHEMICAL PAPERS, vol.76, no.8, pp.1-7, 2022 (SCI-Expanded)

- V. **Simultaneous Lipid Production and Valorization of Crude Glycerol by Mixotrophic and Heterotrophic Cultivation of *Arthrospira platensis***
Tosuner Z. V., ÖZTÜRK ÜREK R.
JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH, vol.80, no.10, pp.850-857, 2021 (SCI-Expanded)
- VI. **EFFECTS OF NUTRIENTS ON LIPIDS AND BIODIESEL PRODUCTION POTENTIAL OF *Haematococcus pluvialis***
Tosuner Z. V., Öztürk Ürek R.
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.20, no.8, pp.1289-1299, 2021 (SCI-Expanded)
- VII. **Decolorization and degradation potential of enhanced lignocellulolytic enzymes production by *Pleurotus eryngii* using cherry waste from industry**
Akpınar M., ÖZTÜRK ÜREK R.
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.67, no.5, pp.760-773, 2020 (SCI-Expanded)
- VIII. **Purification, Biochemical Characterization and Decolorization Efficiency of Laccases from Peach and Cherry Cultures of *Pleurotus eryngii*: A Comparative Study**
Akpınar M., ÖZTÜRK ÜREK R.
PROTEIN AND PEPTIDE LETTERS, vol.27, no.7, pp.623-634, 2020 (SCI-Expanded)
- IX. **Production and partial characterization of the exopolysaccharide from *Pleurotus sajor caju***
Öztürk Ürek R., İlgin S.
ANNALS OF MICROBIOLOGY, vol.69, no.11, pp.1201-1210, 2019 (SCI-Expanded)
- X. **Evaluation of Effects of Mg^{2+} and Cu^{2+} on Pigment-Metabolite Production and Photosystem II Activity of *Arthrospira platensis* Gomont 1892**
Öztürk Ürek R., Kerimoglu Y.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.19, no.10, pp.873-883, 2019 (SCI-Expanded)
- XI. **Induction of fungal laccase production under solid state bioprocessing of new agroindustrial waste and its application on dye decolorization**
Akpınar M., Öztürk Ürek R.
3 BIOTECH, vol.7, 2017 (SCI-Expanded)
- XII. **Peach and Cherry Agroindustrial Wastes: New and Economic Sources for the Production of Lignocellulolytic Enzymes**
Akpınar M., ÖZTÜRK ÜREK R.
ACTA CHIMICA SLOVENICA, vol.64, no.2, pp.422-430, 2017 (SCI-Expanded)
- XIII. **Physicochemical and structural characterization of biosurfactant produced by *Pleurotus djamor* in solid-state fermentation**
Velioglu Z., Öztürk Ürek R.
BIOTECHNOLOGY AND BIOPROCESS ENGINEERING, vol.21, no.3, pp.430-438, 2016 (SCI-Expanded)
- XIV. **Optimization of cultural conditions for biosurfactant production by *Pleurotus djamor* in solid state fermentation**
Velioglu Z., Öztürk Ürek R.
JOURNAL OF BIOSCIENCE AND BIOENGINEERING, vol.120, no.5, pp.526-531, 2015 (SCI-Expanded)
- XV. **Ammonium nitrate and iron nutrition effects on some nitrogen assimilation enzymes and metabolites in *Spirulina platensis***
Esen M., Öztürk Ürek R.
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.62, no.2, pp.275-286, 2015 (SCI-Expanded)
- XVI. **Biosurfactant production by *Pleurotus ostreatus* in submerged and solid-state fermentation systems**
Velioglu Z., Öztürk Ürek R.
TURKISH JOURNAL OF BIOLOGY, vol.39, no.1, pp.160-166, 2015 (SCI-Expanded)
- XVII. **Concurrent Biosurfactant and Ligninolytic Enzyme Production by *Pleurotus* spp. in Solid-State Fermentation**
Velioglu Z., Öztürk Ürek R.

- APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.174, no.4, pp.1354-1364, 2014 (SCI-Expanded)
- XVIII. **EXTRACELLULAR LIGNINOLYTIC ENZYMES PRODUCTION BY *Pleurotus eryngii* ON AGROINDUSTRIAL WASTES**
Akpınar M., ÖZTÜRK ÜREK R.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.44, no.8, pp.772-781, 2014 (SCI-Expanded)
- XIX. **Nitrate and iron nutrition effects on some nitrate assimilation enzymes and metabolites in *Spirulina platensis***
Esen M., Öztürk Ürek R.
TURKISH JOURNAL OF BIOLOGY, vol.38, no.5, pp.690-700, 2014 (SCI-Expanded)
- XX. **Utilization of potato peelings for the production of ligninolytic enzymes by solid state fermentation using *Pleurotus ostreatus***
Ozcirak S., Urek R.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- XXI. **Comparison of *Pleurotus* species abilities to produce ligninolytic enzymes**
Akpınar M., Urek R.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- XXII. **Investigation of ligninolytic enzymes production depending on the starch concentrations in *Pleurotus ostreatus***
Ozcirak S., Urek R.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- XXIII. **Biodiesel production from microalgae**
Esen M., ÖZTÜRK ÜREK R.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- XXIV. **Production of ligninolytic enzymes by *Pleurotus eryngii* through solid state fermentation using grape waste**
Akpınar M., Urek R.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- XXV. **PRODUCTION OF LIGNINOLYTIC ENZYMES BY SOLID-STATE FERMENTATION USING *Pleurotus eryngii***
Akpınar M., ÖZTÜRK ÜREK R.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.42, no.6, pp.582-597, 2012 (SCI-Expanded)
- XXVI. **The relationship between the antioxidant system and phycocyanin production in *Spirulina maxima* with respect to nitrate concentration**
ÖZTÜRK ÜREK R., Tarhan L.
TURKISH JOURNAL OF BOTANY, vol.36, no.4, pp.369-377, 2012 (SCI-Expanded)
- XXVII. **Effect of Iron Deficiency and Supplemented Conditions on the Antioxidant System, Membrane Lipid Peroxidation and Some Metal Levels in *Spirulina maxima***
ÖZTÜRK ÜREK R., Tarhan L.
JOURNAL OF PURE AND APPLIED MICROBIOLOGY, vol.5, no.2, pp.593-602, 2011 (SCI-Expanded)
- XXVIII. **ANTIOXIDANT ACTIVITIES OF ENDEMIC *SIDERITIS LEPTOCLADA* AND *MENTHA DUMETORUM* AQUEOUS EXTRACTS USED IN TURKEY FOLK MEDICINE**
AYAR KAYALI H., ÖZTÜRK ÜREK R., Nakiboglu M., Tarhan L.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.33, no.3, pp.285-295, 2009 (SCI-Expanded)
- XXIX. **Problem-based learning in 9th grade chemistry class: 'intermolecular forces'**
Tarhan L., AYAR KAYALI H., ÖZTÜRK ÜREK R., Acar B.
RESEARCH IN SCIENCE EDUCATION, vol.38, no.3, pp.285-300, 2008 (SSCI)
- XXX. **Characterization of the antioxidant properties of seeds and skins in selected Turkish grapes**
ÖZTÜRK ÜREK R., AYAR KAYALI H., Tarhan L.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.5, pp.3750-3762, 2008 (SCI-Expanded)
- XXXI. **Comparison of antioxidant capacities of the leaves and flowers of *Salvia fruticosa* grown in turkey**
ÖZTÜRK ÜREK R., AYAR KAYALI H., Nakiboglu M., Tarhan L.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.3, pp.2091-2098, 2008 (SCI-Expanded)

- XXXII. **Manganese peroxidase production by immobilized Phanerochaete chrysosporium BKM-F-1767 in a cell Bioreactor**
ÖZTÜRK ÜREK R., Pazarlioglu N. K.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.38, no.1, pp.1-12, 2008 (SCI-Expanded)
- XXXIII. **Enhanced production of manganese peroxidase by Phanerochaete chrysosporium**
ÖZTÜRK ÜREK R., Pazarlioglu N. K.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.50, no.6, pp.913-920, 2007 (SCI-Expanded)
- XXXIV. **In vitro antioxidant properties of Cucurbita pepo L. Male and female flowers extracts**
Tarhan L., Kayali H., Urek R.
PLANT FOODS FOR HUMAN NUTRITION, vol.62, no.2, pp.49-51, 2007 (SCI-Expanded)
- XXXV. **Antioxidant capacities of endemic Sideritis sipylea and Origanum sipyleum from Turkey**
Nakiboglu M., Urek R., Kayali H., Tarhan L.
FOOD CHEMISTRY, vol.104, no.2, pp.630-635, 2007 (SCI-Expanded)
- XXXVI. **Biodecolourization of Direct Blue 15 by immobilized Phanerochaete chrysosporium**
Pazarlioglu N., Urek R., Ergun F.
PROCESS BIOCHEMISTRY, vol.40, no.5, pp.1923-1929, 2005 (SCI-Expanded)
- XXXVII. **Production and stimulation of manganese peroxidase by immobilized Phanerochaete chrysosporium**
Urek R., Pazarlioglu N.
PROCESS BIOCHEMISTRY, vol.40, no.1, pp.83-87, 2005 (SCI-Expanded)
- XXXVIII. **Purification and partial characterization of manganese peroxidase from immobilized Phanerochaete chrysosporium**
Urek R., Pazarlioglu N.
PROCESS BIOCHEMISTRY, vol.39, no.12, pp.2061-2068, 2004 (SCI-Expanded)
- XXXIX. **A novel carrier for Phanerochaete chrysosporium immobilization**
Urek R., Pazarlioglu N.
ARTIFICIAL CELLS BLOOD SUBSTITUTES AND BIOTECHNOLOGY, vol.32, no.4, pp.563-574, 2004 (SCI-Expanded)
- XL. **Effects of Se, Cu and Se plus vitamin E deficiency on the activities of CuZnSOD, GSH-Px, CAT and LPO levels in Chicken Erythrocytes**
Bozkaya L., Ozturk-Urek R., Aydemir T., Tarhan L.
CELL BIOCHEMISTRY AND FUNCTION, vol.19, no.3, pp.153-157, 2001 (SCI-Expanded)
- XLI. **The effects of some antioxidant vitamin- and trace element-supplemented diets on activities of SOD, CAT, GSH-Px and LPO levels in chicken tissues**
Ozturk-Urek R., Bozkaya L., Tarhan L.
CELL BIOCHEMISTRY AND FUNCTION, vol.19, no.2, pp.125-132, 2001 (SCI-Expanded)
- XLII. **Purification and characterization of superoxide dismutase from chicken liver**
Ozturk-Urek R., Tarhan L.
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY B-BIOCHEMISTRY & MOLECULAR BIOLOGY, vol.128, no.2, pp.205-212, 2001 (SCI-Expanded)
- XLIII. **Effects of antioxidant vitamins A, C, E and trace elements Cu, Se on CuZnSOD, GSH-Px, CAT and LPO levels in chicken erythrocytes**
Aydemir T., Ozturk R., Bozkaya L., Tarhan L.
CELL BIOCHEMISTRY AND FUNCTION, vol.18, no.2, pp.109-115, 2000 (SCI-Expanded)
- XLIV. **Purification and characterization of superoxide dismutase from Phanerochaete chrysosporium**
Ozturk R., Bozkaya L., Atav E., Saglam N., Tarhan L.
ENZYME AND MICROBIAL TECHNOLOGY, vol.25, no.3-5, pp.392-399, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Cultivation of Arthrospira platensis in heterotrophic and mixotrophic conditions with different concentrations of whey**

Velioğlu Tosuner Z., Öztürk Ürek R.

Aquatic Research, vol.5, no.2, pp.146-153, 2022 (Peer-Reviewed Journal)

II. Evaluation of Sucrose as Carbon Source in Mixotrophic Culture of *Arthrospira platensis* Gomont 1892

Velioğlu Z., ÖZTÜRK ÜREK R.

Aquatic Research, vol.3, no.1, pp.1-12, 2020 (Peer-Reviewed Journal)

III. Production of Ligninolytic Enzymes by Solid State Fermentation using *Pleurotus ostreatus* ÖZÇIRAK Ş., ÖZTÜRK ÜREK R.

Annals of Agrarian Science, vol.15, no.2, pp.273-277, 2017 (Peer-Reviewed Journal)

IV. Kovalent Bağlar Konusundaki Kavram Yanılgılarının Giderilmesinde Yapılandırmacılığa Dayalı Bir Aktif Öğrenme Uygulaması

ÖZTÜRK ÜREK R., TARHAN L.

Hacettepe Üniversitesi, Eğitim Fakültesi Dergisi, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. INVESTIGATION OF BIOSURFACTANT PRODUCTION FROM *SACCHAROMYCES CEREVISIAE*

Baş G., Öztürk Ürek R.

9. International Aegean Conferences, İzmir, Turkey, 23 - 25 February 2024, pp.497-508

II. Investigation of Carotenoid Production from Mixotrophic Cultivation

Kıyak G., Öztürk Ürek R.

9. International Aegean Conferences, İzmir, Turkey, 23 - 25 February 2024, pp.511-523

III. EVALUATION OF PHENOLIC PROFILE AND ANTIOXIDANT CAPACITIES IN *ACINOS ROTUNDIFOLIUS* BASED ON ULTRASONIC-ASSISTED EXTRACTION

Öner A., Öztürk Ürek R.

CUMHURİYET 8th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Ankara, Turkey, 23 April 2023, pp.23

IV. INVESTIGATION OF THE PRODUCTION OF PHYCOCYANIN BY MIXOTROPHIC CULTIVATION

Kavut M., Öztürk Ürek R.

AKDENİZ 9th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Adana, Turkey, 1 - 02 April 2023, vol.9786256393448, pp.176-186

V. Phenolic Profiles and Biological Properties of *Micromeria graeca* and *Micromeria myrtifolia* from Turkey

Tarhan L., Öztürk Ürek R., Öner A., Ayyıldız Y., Nakiboglu M.

4.EBAT Congress, Antalya, Turkey, 3 - 06 November 2022, pp.150-151

VI. Determination of Phenolic Compositions, Antioxidant and Cytotoxic Activities of five *Teucrium* species from Turkey

Öztürk Ürek R., Tarhan L., Öner A., Ayyıldız Y., Nakiboglu M.

4.EBAT Congress, Antalya, Turkey, 3 - 06 November 2022, pp.160-161

VII. Investigation of Phenolic Profile, Antioxidant and Anticancer Potential of *Phlomis angustissima* and *Phlomis fruticosa*

Tarhan L., Öztürk Ürek R., Öner A., Nakiboğlu Tezer M.

3. EBAT Congress, Antalya, Turkey, 4 - 07 November 2021, pp.113

VIII. Phenolic Compositions and Biological Activities of *Stachys* Species from Turkey

ÖZTÜRK ÜREK R., TARHAN L., ÖNER A., YUNUSA U. M., AYYILDIZ Y., NAKİBOĞLU TEZER M.

3. Eurasia Biochemical Approaches & Technologies (EBAT) Congress, Antalya, Turkey, 05 November 2021, pp.76

IX. HPLC Analysis and Antioxidant Activity of Phenolic Extracts from the Fruits of *Mespilus germanica*

Yunusa U. M., ÖZTÜRK ÜREK R.

5th International Students Science Congress, İzmir, Turkey, 21 May 2021

X. Antioxidant Potential of Phenolic Extracts from *Nigella sativa* Seeds

Yunusa U. M., ÖZTÜRK ÜREK R.

3. International Aegean Symposium on Natural & Medical Sciences, İzmir, Turkey, 12 March 2021

- XI. **Effect of Extraction Methods on Phenolic Acids Yields and Antioxidants Capacities of *Mespilus germanica* Leaf**
Yunusa U. M., ÖZTÜRK ÜREK R.
3. International Aegean Symposium on Natural & Medical Sciences, İzmir, Turkey, 12 March 2021
- XII. **Mikroalgal Besin İçeriğinin Mikzotrofik Kültivasyonla İncelenmesi**
Velioğlu Z., ÖZTÜRK ÜREK R.
V. Türkiye in vitro Diyagnostik Sempozyumu: Sağlık Biyoteknolojisi, İzmir, Turkey, 19 February 2020
- XIII. **A Combination of Some Chemical Pretreatment Methods with Biological Treatment for Utilizing Lignocellulosic Biomass from Food Industry to Produce Ligninolytic Enzymes**
Akpınar M., ÖZTÜRK ÜREK R.
ICBPB 2019: International Conference on Biomass Pretreatment and Hydrolysis, Londrina, Brazil, 18 - 19 November 2019
- XIV. **Characterisation of Produced Lipid from a Green Microalgae**
Velioğlu Z., ÖZTÜRK ÜREK R.
TURCMOS2019, Aydın, Turkey, 5 - 09 August 2019
- XV. **The Effect of Whey Concentration on *Spirulina platensis* under Mixotrophic Cultivation**
Velioğlu Z., ÖZTÜRK ÜREK R.
EURASIANBIOCHEM 2019, Ankara, Turkey, 28 - 29 June 2019
- XVI. **Mixotrophic Cultivation of *Haematococcus pluvialis* for Enhanced Lipid Production**
Velioğlu Z., ÖZTÜRK ÜREK R.
EURASIANBIOCHEM 2019, Ankara, Turkey, 28 - 29 June 2019
- XVII. **Gliserol Derişimine Bağımlı *Spirulina platensis*'in Bazı Biyokimyasal İçeriklerinin İncelenmesi**
ÖZTÜRK ÜREK R., Velioğlu Z.
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
- XVIII. ***Spirulina platensis*'in Lipid Üretimine Sükroz Derişiminin Etkisi**
ÖZTÜRK ÜREK R., Velioğlu Z.
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
- XIX. **Derin Kültür ve Katı Hal Fermentasyonları ile Ekzopolisakkarit Üretimini İncelenmesi**
İlgın S., ÖZTÜRK ÜREK R.
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
- XX. ***Pleurotus sajor-caju*'dan Üretilen Ekzopolisakkaritin Kısmi Saflaştırılması, Karakterizasyonu ve Antioksidan Özelliklerinin İncelenmesi**
ÖZTÜRK ÜREK R., İlgın S.
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
- XXI. **Influence of Different Manganese Concentrations on Ligninolytic and Hydrolytic Enzymes Activities Using Cherry Waste from Fruit Juice Industry**
Merve A., ÖZTÜRK ÜREK R.
1st International Conference on Green Chemistry and Sustainable Technologies, 30 September - 03 October 2015
- XXII. **Induction of Fungal Laccase Production under Solid State Bioprocessing of New Agroindustrial Waste and Its Application on Dye Decolorization**
Merve A., ÖZTÜRK ÜREK R.
1st International Conference on Green Chemistry and Sustainable Technologies, 30 September - 03 October 2015
- XXIII. **Biosurfactant Production Optimization by *Pleurotus djamor***
Zülfiye V., ÖZTÜRK ÜREK R.
1st International Conference on Green Chemistry and Sustainable Technologies, 30 September - 03 October 2015
- XXIV. **Simultaneously Biosurfactant and Lipase Production by *Pleurotus djamor* in Solid State Fermentation**
Zülfiye V., ÖZTÜRK ÜREK R.
1st International Conference on Green Chemistry and Sustainable Technologies, 30 September - 03 October 2015

- XXV. **Spirulina platensis de Bazı Azot Asimilasyon Enzimleri ve Metabolitleri Üzerine Sodyum Nitratin Etkisinin İncelenmesi**
Esen M., ÖZTÜRK ÜREK R.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XXVI. **Comparison of Exo biopolymer production by Pleurotus spp**
İlgin S., ÖZTÜRK ÜREK R.
International Symposium on Molecular Chemistry, 19 December 2014
- XXVII. **Pleurotus ostreatus dan üretilen Lakkaz ve Mangan Peroksidaz enzim aktiviteleri üzerine Tween 80 etkisinin incelenmesi**
ÖZÇIRAK Ş., ÖZTÜRK ÜREK R.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XXVIII. **Utilization of potato peelings for the production of ligninolytic enzymes by solid state fermentation using Pleurotus ostreatus**
ÖZÇIRAK Ş., ÖZTÜRK ÜREK R.
2nd International Conference on Environmental Science and Technology, 14 - 17 May 2014
- XXIX. **Influence of Iron Concentrations on Lignocellulolytic Enzymes Activities Using New Agro industrial Waste during Biological Treatment via Pleurotus eryngii**
Merve A., ÖZTÜRK ÜREK R.
2nd International Conference on Environmental Science and Technology, 14 - 17 May 2014
- XXX. **Simultaneous Production of Biosurfactant and Ligninolytic Enzymes by Pleurotus djamor Using Sunflower Seed Oil Industrial Waste as a Cheap Carbon Source**
Zülfiye V., ÖZTÜRK ÜREK R.
2nd International Conference on Environmental Science and Technology, 14 - 17 May 2014
- XXXI. **Copper Induction of Lignocellulolytic Enzymes Productions in the Biological Treatment via Pleurotus eryngii during Solid State Fermentation**
Merve A., ÖZTÜRK ÜREK R.
2nd International Conference on Environmental Science and Technology, 14 - 17 May 2014
- XXXII. **Application of Grape Juice Industrial Waste in Production of Biosurfactant by Pleurotus eryngii and Pleurotus sajor caju**
Zülfiye V., ÖZTÜRK ÜREK R.
2nd International Conference on Environmental Science and Technology, 14 - 17 May 2014
- XXXIII. **Response of the antioxidant systems of the Cyanobacterium Spirulina maxima to cadmium**
ÖZTÜRK ÜREK R., Tarhan L.
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22

Supported Projects

ÖZTÜRK ÜREK R., KIYAK G., Project Supported by Higher Education Institutions, Miksotrofik Kültivasyonla Karotenoid Üretiminin İncelenmesi, 2024 - Continues

ÖZTÜRK ÜREK R., Baş G., Project Supported by Higher Education Institutions, Mikrobiyal Biyosüpfaktan Üretiminin İncelenmesi, 2023 - Continues

ÖZTÜRK ÜREK R., Kavut M., Project Supported by Higher Education Institutions, Fikosiyaninin Üretimi İzolasyonu Kısmi Saflaştırılması ve Bazı AntioksidanSitetoksik Özelliklerinin Araştırılması, 2022 - 2023

ÖZTÜRK ÜREK R., ÖNER A., Project Supported by Higher Education Institutions, Acinos sp de Fenolik Bileşen Profiline Antioksidan Özelliklerinin, Enzim İnhibitör ve Bazı Kanseri Hücrelerindeki Apoptotik Etkilerinin İncelenmesi, 2022 - 2023

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, Türkiyeden Bazı Sideritis ve Teucrium türlerinin Biyoekonomik Potansiyelleri Açısından Fenolik Bileşen Profiline, Antioksidan Kapasitelerinin ve HeLa, MCF-7, OE33, HEP G2 and ACC 201 İnsan Kanseri Hücre Hatlarındaki Sitotoksik ve Apoptotik Özelliklerinin İncelenmesi, 2020 - 2023

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, Türkiye de yayılış gösteren Tıbbi Bitkilerden Stachys, Micromeria ve Salvia Genuslarının Fenolik Bileşen Profiline, Antioksidan Kapasitelerinin ve HeLa, MCF7, OE33,

HEP G2 ve ACC 201 İnsan Kanseri Hücre Hatlarındaki Sitotoksik Özellikleri ile Apoptotik Karakterlerinin Belirlenmesi, 2019 - 2022

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, Çeşitli Sanayi Atıkları Kullanılarak Hematococcus pluvialis ile Ekonomik Lipid Üretimi ve Biyoyakıt Özelliklerinin İncelenmesi, 2017 - 2018

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, Derin Kültür ve Katı Hal Fermentasyonlarıyla Ekzopolisakkarit Üretiminin İncelenmesi, 2014 - 2016

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, KİMYA BÖLÜMÜ ALT YAPI PROJESİ, 2014 - 2016

ÖZTÜRK ÜREK R., TUBITAK Project, Lignosellülozik Atıklardan Ekonomik Biyosüpfaktan Üretimi ve Karakterizasyonu, 2013 - 2014

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, Farklı Azot Kaynaklarının Bazı Mikroalgal Azot Asimilasyon Enzimleri Üzerine Etkisi, 2013 - 2014

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, BAZI LİGNİNOLİTİK VE HİDROLİTİK ENZİMLERİN KATI HAL FERMENTASYONU İLE ÜRETİMİ, 2012 - 2014

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, Farklı Çevresel Stres Koşullarının Bazı Siyanobakteri Metabolitlerine Etkilerinin İncelenmesi, 2012 - 2013

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, Ligninolitik Enzimlerin Üretimlerinin Optimizasyonu, 2010 - 2011

ÖZTÜRK ÜREK R., Project Supported by Higher Education Institutions, Spirulina maxima nın Besi Ortamı Koşullarına Bağımlı Olarak Antioksidant Sisteminin İncelenmesi, 2009 - 2010

Memberships / Tasks in Scientific Organizations

Türk biyokimya derneği, Member, 1999 - Continues, Turkey

Scientific Refereeing

INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, Journal Indexed in SCI-E, April 2024

Project Supported by Higher Education Institutions, BAP Research Project, Dokuz Eylül University, Turkey, March 2024

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylül University, Turkey, February 2024

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Dokuz Eylül University, Turkey, November 2023

PLOS ONE, Journal Indexed in SCI-E, October 2023

TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylül University, Turkey, October 2023

Project Supported by Higher Education Institutions, BAP Other, Dokuz Eylül University, Turkey, July 2023

Biodiversitas Journal of Biological Diversity, Journal Indexed in SCI-E, June 2023

TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylül University, Turkey, May 2023

Project Supported by Higher Education Institutions, BAP Other, Dokuz Eylül University, Turkey, April 2023

Project Supported by Higher Education Institutions, BAP Other, Dokuz Eylül University, Turkey, April 2023

TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylül University, Turkey, April 2023

NATURAL PRODUCT RESEARCH, Journal Indexed in SCI-E, March 2023

TUBITAK Project, 1002 - Quick Support Program, Dokuz Eylül University, Turkey, February 2023

Project Supported by Higher Education Institutions, BAP MSc, Dokuz Eylül University, Turkey, January 2023

Eskişehir Teknik Üniversitesi Bilim ve Teknoloji Dergisi C- yaşam Bilimleri ve Biyoteknoloji (Online), National Scientific Refreed Journal, December 2022

WASTE AND BIOMASS VALORIZATION, Journal Indexed in SCI-E, June 2022

PREPARATIVE BIOCHEMISTRY AND BIOTECHNOLOGY, Journal Indexed in SCI-E, December 2021

APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY - PART A ENZYME ENGINEERING AND BIOTECHNOLOGY, Journal Indexed in SCI-E, October 2021

PREPARATIVE BIOCHEMISTRY AND BIOTECHNOLOGY, Journal Indexed in SCI-E, September 2021

Project Supported by Higher Education Institutions, BAP Research Project, Yıldız Technical University, Turkey, June 2021

BIOPROCESS AND BIOSYSTEMS ENGINEERING, Journal Indexed in SCI-E, January 2021

Project Supported by Higher Education Institutions, BAP Research Project, Dokuz Eylul University, Turkey, December 2020

JOURNAL OF APPLIED MICROBIOLOGY, Journal Indexed in SCI-E, September 2020

ELECTRONIC JOURNAL OF BIOTECHNOLOGY, Journal Indexed in SCI-E, June 2020

PREPARATIVE BIOCHEMISTRY AND BIOTECHNOLOGY, Journal Indexed in SCI-E, June 2020

Tasks In Event Organizations

Öztürk Ürek R., INTERNATIONAL AEGEAN CONFERENCES NATURAL and MEDICAL SCIENCES IX, Scientific Congress, İzmir, Turkey, Şubat 2024

Öztürk Ürek R., 4th EURASIA BIOCHEMICAL APPROACHES & TECHNOLOGIES (EBAT) CONGRESS, Scientific Congress, Antalya, Turkey, Kasım 2022

Öztürk Ürek R., INTERNATIONAL AEGEAN CONFERENCES on Natural & Medical Sciences-V , Scientific Congress, İzmir, Turkey, Şubat 2022

Metrics

Publication: 82

Citation (WoS): 779

Citation (Scopus): 905

H-Index (WoS): 17

H-Index (Scopus): 18

Congress and Symposium Activities

4. EBAT Congress, Attendee, Antalya, Turkey, 2022

4. EBAT Congress, Attendee, Antalya, Turkey, 2022

3.EBAT Congress, Attendee, Antalya, Turkey, 2021

3.EBAT Congress, Attendee, Antalya, Turkey, 2021

29th of October (Republic Day) Symposium on Scientific Researches, Attendee, Ankara, Turkey, 2021

3. International Aegean Symposium on Natural & Medical Sciences, Attendee, İzmir, Turkey, 2021

3. International Aegean Symposium on Natural & Medical Sciences, Attendee, İzmir, Turkey, 2021

V. Türkiye in vitro Diyagnostik Sempozyumu: Sağlık Biyoteknolojisi, Attendee, İzmir, Turkey, 2020

V. Türkiye in vitro Diyagnostik Sempozyumu: Sağlık Biyoteknolojisi, Session Moderator, İzmir, Turkey, 2020

ICBPH 2019: International Conference on Biomass Pretreatment and Hydrolysis, Attendee, London, England, 2019

TURCMOS2019, Attendee, Aydın, Turkey, 2019

EURASIANBIOCHEM 2019, Attendee, Ankara, Turkey, 2019

EURASIANBIOCHEM 2019, Attendee, Ankara, Turkey, 2019

29. Ulusal Kimya Kongresi, Attendee, Ankara, Turkey, 2019

29. Ulusal Kimya Kongresi, Attendee, Ankara, Turkey, 2019

29. Ulusal Kimya Kongresi, Attendee, Ankara, Turkey, 2017

29. Ulusal Kimya Kongresi, Attendee, Ankara, Turkey, 2017