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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Gıda Bilimi Ve Teknolojisi (Dr), Turkey 1985 - 1990

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Gıda Bilimi Ve Teknolojisi (YI) (Tezli), Turkey 1983 - 1985

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1978 - 1982

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Protoplast füzyonu yolu ile bacillus thuringiensis suşlarının özelliklerinin geliştirilmesi üzerinde araştırmalar, Ankara University, Fen Bilimleri Enstitüsü, Gıda Bilimi Ve Teknolojisi (Dr), 1990

Postgraduate, Çeşitli topraklardan Bacillus thuringiensis suşlarının izolasyonu ve bunların bazı Lepidopter türlerine karşı kullanım olanakları, Ankara University, Fen Bilimleri Enstitüsü, Gıda Bilimi Ve Teknolojisi (YI) (Tezli), 1985

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Biyoloji Bölümü, 2002 - Continues

Academic and Administrative Experience

Ankara University, 2002 - 2008

Courses

GENEL MİKROBİYOLOJİ, Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001, 1999 - 2000, 1998 - 1999, 1997 - 1998
ANAEROBİK ÇEVRE BİYOTEKNOLOJİSİ, Postgraduate, 2018 - 2019, 2017 - 2018
MİKROALG BİYOKİMYASI, Postgraduate, 2018 - 2019
MİKROALG BİYOTEKNOLOJİSİ, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
VİROLOJİ, Undergraduate, 2018 - 2019
ÇEVRE MİKROBİYOLOJİSİ, Undergraduate, 2017 - 2018
ANAEROBİK BAKTERİLER, Postgraduate, 2017 - 2018
GENEL MİKROBİYOLOJİ II, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

Advising Theses

DÖNMEZ G., Second generation bioetanol production from apple pomace, Postgraduate, A.Kut(Student), 2021
DÖNMEZ G., Elma posalarından ikinci nesil biyoetanol üretimi, Postgraduate, A.KUT(Student), 2021
DÖNMEZ G., Determination of lithium removal capacity of Micrococcus luteus and Bacillus pumilus, Postgraduate, T.USTA(Student), 2020
DÖNMEZ G., Investigation of Aspergillus versicolor usage as biosensor modifying agent in heavy metal determination, Postgraduate, S.NUR(Student), 2020
DÖNMEZ G., Bioremoval of reactive black 5 with surfactants, Postgraduate, G.TEKATLI(Student), 2018
DÖNMEZ G., Determination of bioethanol production capacities of peanut and hazelnut shells, Postgraduate, C.BOSTANCI(Student), 2016
DÖNMEZ G., İmidaklopridin gideriminde Rhodotorula mucilaginosa kullanımı, Postgraduate, S.DOOSTI(Student), 2015
DÖNMEZ G., Borlu atık sudan izole edilen fungusların bor biyosorpsiyon kapasitelerinin araştırılması, Postgraduate, D.NUR(Student), 2015
DÖNMEZ G., Atıksulardan Remazol blue BB gideriminde Gonium sp. kullanımı, Postgraduate, G.BODUROĞLU(Student), 2015
DÖNMEZ G., Borlu atıksudan izole edilen fungusların bor biyosorpsiyon kapasitelerinin araştırılması, D.nur(Student), 2015
DÖNMEZ G., Yer fıstığı kabuğundan biyoetanol eldesi, Postgraduate, M.DÖNMEZ(Student), 2014
DÖNMEZ G., Farklı Mikroorganizmaların Bor giderim Kapasitelerinin Araştırılması, Postgraduate, B.LAÇİN(Student), 2013
DÖNMEZ G., Havuç posasından etanol üretimi, Postgraduate, S.SİYAKUŞ(Student), 2013
DÖNMEZ G., Egzoz ve baca gazı salımlarından kaynaklanan hava kirliliğinin önlenmesinde mikroalglerin kullanımı, Doctorate, B.ERTİT(Student), 2013
NAZIR H., DÖNMEZ G., Aerobik bakterilerin nikel alaşımlarının korozyonuna etkisinin araştırılması, Doctorate, N.OYA(Student), 2012
DÖNMEZ G., Bazı ağır metallerin tayininde kullanılmak üzere mikrobiyal biyosensör geliştirilmesi, Doctorate, M.YÜCE(Student), 2011
DÖNMEZ G., Atık suların biyolojik arıtımına surfaktanların etkisinin belirlenmesi, Doctorate, Ü.DUDU(Student), 2011
DÖNMEZ G., Mikrobiyel lipitlerin biyodizel üretiminde kullanım kapasitelerinin belirlenmesi, Doctorate, S.ERTUĞRUL(Student), 2010
DÖNMEZ G., Dunaliella türlerinin boya giderim ve biyomas üretim kapasitelerinin belirlenmesi, Doctorate, A.KAÇKA(Student), 2010
DÖNMEZ G., Biyositlerin sülfat indirgeyen bakterilerin sebep olduğu korozyona etkileri, Doctorate, T.ARTAN(Student), 2010
DÖNMEZ G., Bazı siyanobakterilerin organik kirletici giderim etkinliklerinin artırılması, Postgraduate,

P.KARACAKAYA(Student), 2009
DÖNMEZ G., Proteomik yaklaşımı atıksu kaynaklı mikroorganizmalarda Cr(VI) direnç yollarının araştırılması, Doctorate, N.KOÇBERBER(Student), 2008
DÖNMEZ G., Atıksulardan bakır (II), nikel (II), Krom (VI) ve reaktif boyar madde gideriminde *Aspergillus sp.* kullanımı, Postgraduate, B.ERTİT(Student), 2008
DÖNMEZ G., Ağır metal ve boyar madde içeren atıksuların *Rhodotorula sp.* ile arıtımı, Postgraduate, N.OYA(Student), 2007
DÖNMEZ G., Ham petrol sahalarından izole edilen sülfat indirgeyen bakterilerin korozyon etkisinin belirlenmesi ve önlenmesi, Doctorate, D.ÇETİN(Student), 2007
DÖNMEZ G., Arıtma yapılmamış tekstil atıksularından izole edilen mikroorganizmalarla reaktif boyarmadde ve krom(VI) giderimi, Postgraduate, M.YÜCE(Student), 2007
DÖNMEZ G., Kalsiyum alginatta immobilize edilen *Phormidium sp.* boya giderimi, Postgraduate, M.BAKIR(Student), 2006
DÖNMEZ G., KALSİYUM ALGİNATTA İMMOBİLİZE EDİLEN TERMOFİL *Phormidium sp.* İLE BOYA GİDERİMİ, M.BAKIR(Student), 2006
DÖNMEZ G., Zeytinyağı fabrikası atıksularından lipaz üreten mikroorganizmaların izolasyonu, Postgraduate, S.ERTUĞRUL(Student), 2005
DÖNMEZ G., Çeltik tarlalarından izole edilen siyanobakterilerin nitrojenaz aktivitesine çevresel faktörlerin etkisi, Doctorate, G.ÖKMEN(Student), 2005
DÖNMEZ G., Sıcak su kaynaklarından izole edilen termofil siyanobakterilerin atıksu arıtımında kullanımları, Doctorate, S.SADETTİN(Student), 2005
DÖNMEZ G., Deri endüstrisi atık sularındaki kromun mikrobiyal yolla uzaklaştırılması, Postgraduate, N.KOÇBERBER(Student), 2003
DÖNMEZ G., Azot tespit eden heterotrof bakterilerin biyofertilizer olarak kullanım kapasitelerinin belirlenmesi, Postgraduate, C.İŞLEK(Student), 2003
DÖNMEZ G., Halofil *Dunaliella* türlerinin gliserol üretim kapasitesinin belirlenmesi, Postgraduate, A.KAÇKA(Student), 2003
DÖNMEZ G., Tuz gölü'nden (Konya-Türkiye) izole edilen *dunaliella* türlerinin beta-karoten üretim kapasitelerinin belirlenmesi, Postgraduate, A.ÇELEKLİ(Student), 2002
DÖNMEZ G., 2,4-diklorofenoksiasetik asiti parçalayan fotosentetik mikroorganizmaların çeşitli ortamlardan izolasyonu, Postgraduate, H.KÖKSOY(Student), 2001
ARCAK S., DÖNMEZ G., Farklı bünye ve pH'ya sahip topraklarda ağır metal kirliliğinin saptanmasında kullanılabilir uygun metot/metotların seçimi, Doctorate, T.ÇANLI(Student), 1999

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Use of Cranberry Bush (*Viburnum opulus L.*) Fruit Pomace as a Renewable Substrate for Biobutanol Production by *Clostridium beijerinckii* in the Presence of Sodium Dithionite**
Çelik M. N., Tekin N., Karatay S. E., DÖNMEZ G.
Bioenergy Research, vol.17, no.3, pp.1689-1700, 2024 (SCI-Expanded)
- II. **A study on bioremoval of a neonicotinoid insecticide, imidacloprid, by a newly isolated *Acremonium sclerotigenum***
Isildak S., Tekin N., ERTUĞRUL KARATAY S., DÖNMEZ G.
BIOLOGIA, vol.79, no.8, pp.2621-2628, 2024 (SCI-Expanded)
- III. **Bioethanol production from mulberry pomace by newly isolated non-conventional yeast *Hanseniaspora uvarum***
Kabadayı H. K., DEMİRAY E., Karatay S., DÖNMEZ G.
Biomass Conversion and Biorefinery, vol.14, no.9, pp.10611-10620, 2024 (SCI-Expanded)
- IV. **Enhanced Cu (II) bioremoval by newly isolated *Kluyveromyces marxianus* with sodium dodecyl sulphate**
Kabadayı H. K., DEMİRAY E., ERTUĞRUL KARATAY S., DÖNMEZ G.

BIOREMEDIATION JOURNAL, 2024 (SCI-Expanded)

- V. **Sequential Anthocyanin Extraction and Ethanol Production from Eggplant Peel Through Biorefinery Approach**
DEMİRAY E., Gerbağa A., ERTUĞRUL KARATAY S., DÖNMEZ G.
Bioenergy Research, vol.17, no.1, pp.383-391, 2024 (SCI-Expanded)
- VI. **Reactive Black 5 bioremoval potential of newly isolated halotolerant Kluyveromyces marxianus**
Ceyhun B. S., ERTUĞRUL KARATAY S., Demiray E., DÖNMEZ G.
BIOREMEDIATION JOURNAL, vol.28, no.2, pp.156-171, 2024 (SCI-Expanded)
- VII. **Biosorption of Remazol Brilliant Blue R textile dye using Clostridium beijerinckii by biorefinery approach**
Tekin N., Köse T., Karatay S. E., DÖNMEZ G.
Environmental Science and Pollution Research, 2024 (SCI-Expanded)
- VIII. **Third generation biobutanol production by Clostridium beijerinckii in a medium containing mixotrophically cultivated Dunaliella salina biomass**
Tekin N., Ertuğrul Karatay S., Dönmez G.
Preparative Biochemistry and Biotechnology, vol.54, no.4, pp.483-493, 2024 (SCI-Expanded)
- IX. **Boron bio-mining by high boron-tolerant native microalgae in Turkey and boron toxicity in the aquatic environment**
ERTİT TAŞTAN B., BAKIR B., DÖNMEZ G.
Water science and technology : a journal of the International Association on Water Pollution Research, vol.87, no.10, pp.2490-2503, 2023 (SCI-Expanded)
- X. **Potentiality of newly isolated Aspergillus tubingensis in biosorption of textile dyes: equilibrium and kinetic modeling**
ERTUĞRUL KARATAY S., AKSU Z., Ozeren I., DÖNMEZ G.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.6, pp.4777-4784, 2023 (SCI-Expanded)
- XI. **Synergistic effect of CTAB on Reactive Black 5 removal performance of Candida tropicalis**
Demiray E., GÜNNAN YÜCEL H., Ozkuzucu H. E., ERTUĞRUL KARATAY S., AKSU Z., DÖNMEZ G.
BIOREMEDIATION JOURNAL, vol.27, no.2, pp.126-136, 2023 (SCI-Expanded)
- XII. **Enhanced lipid accumulation of Chlorella vulgaris with agricultural waste under optimized photoheterotrophic conditions**
Tekin N., Ergorunlu B., Ertuğrul Karatay S., Dönmez G.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.5, pp.4183-4194, 2023 (SCI-Expanded)
- XIII. **Optimization studies about efficient biobutanol production from industrial tea waste by Clostridium beijerinckii**
Tekin N., Ertuğrul Karatay S., Dönmez G.
FUEL, vol.331, pp.1-9, 2023 (SCI-Expanded)
- XIV. **Optimization studies about efficient biobutanol production from industrial tea waste by Clostridium beijerinckii**
Tekin N., ERTUĞRUL KARATAY S., DÖNMEZ G.
FUEL, vol.331, 2023 (SCI-Expanded)
- XV. **Usage potential of apple and carrot pomaces as raw materials for newly isolated yeast lipid-based biodiesel production**
ERTUĞRUL KARATAY S., Demiray E., DÖNMEZ G.
BIOMASS CONVERSION AND BIOREFINERY, vol.12, no.10, pp.4773-4783, 2022 (SCI-Expanded)
- XVI. **The Usage of Thermophile Cyanobacterium aponinum in Ni(II) Bioremediation**
Sen S., KOÇBERBER KILIÇ N., DÖNMEZ G.
JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY, vol.44, no.5, pp.374-380, 2022 (SCI-Expanded)
- XVII. **Optimization Study for Enhanced Biodiesel Production by Novel Yeast Isolates Cultivated in Dilute Acid Pretreated Pumpkin Peel**
Demiray E., ERTUĞRUL KARATAY S., DÖNMEZ G.
BIOENERGY RESEARCH, vol.15, no.3, pp.1472-1481, 2022 (SCI-Expanded)

- XVIII. **Second generation bioethanol production from hemicellulolytic hydrolyzate of apple pomace by *Pichia stipitis***
Kut A., Demiray E., ERTUĞRUL KARATAY S., DÖNMEZ G.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.44, no.2, pp.5574-5585, 2022 (SCI-Expanded)
- XIX. ***Saccharomyces cerevisiae* and newly isolated *Candida boidinii* co-fermentation of industrial tea waste for improved bioethanol production**
DEMİRAY E., Açıkel E., ERTUĞRUL KARATAY S., DÖNMEZ G.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.44, no.1, pp.1160-1172, 2022 (SCI-Expanded)
- XX. **BIOREMEDIATION OF BRILLIANT BLUE R AND REMAZOL BRILLIANT BLUE R BY THERMOPHILE *Cyanobacterium aponinum***
Erkoc E., Kilic N., DÖNMEZ G.
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.21, no.1, pp.41-48, 2022 (SCI-Expanded)
- XXI. **Novel application of isolated *Micrococcus luteus* and *Bacillus pumilus* for Li⁺ ion biosorption: a comparative study**
GÜNAN YÜCEL H., AKSU Z., Usta T., ERTUĞRUL KARATAY S., DÖNMEZ G.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.51, no.9, pp.892-900, 2021 (SCI-Expanded)
- XXII. **Lithium (I) biofortified *Dunaliella salina* as a potential functional nutrition supplement**
GÜNAN YÜCEL H., ERTUĞRUL KARATAY S., AKSU Z., DÖNMEZ G.
ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS, vol.56, 2021 (SCI-Expanded)
- XXIII. **Usage of soluble soy protein on enzymatically hydrolysis of apple pomace for cost-efficient bioethanol production**
Demiray E., Kut A., ERTUĞRUL KARATAY S., DÖNMEZ G.
FUEL, vol.289, 2021 (SCI-Expanded)
- XXIV. **Determination of Bioethanol Production from Apricot (*Prunus armeniaca*) Pomace**
Demiray E., Ertuğrul Karatay S., Dönmez G.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.64, 2021 (SCI-Expanded)
- XXV. **Efficient bioethanol production from pomegranate peels by newly isolated *Kluyveromyces marxianus***
Demiray E., Ertuğrul Karatay S., Dönmez G.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.42, no.6, pp.709-718, 2020 (SCI-Expanded)
- XXVI. **A comparative investigation of lithium(I) biosorption properties of *Aspergillus versicolor* and *Kluyveromyces marxianus***
GÜNAN YÜCEL H., AKSU Z., Yalcinkaya G. B., ERTUĞRUL KARATAY S., DÖNMEZ G.
WATER SCIENCE AND TECHNOLOGY, vol.81, no.3, pp.499-507, 2020 (SCI-Expanded)
- XXVII. **Bioactive Compounds Produced by *Dunaliella* species, Antimicrobial Effects and Optimization of the Efficiency**
Kilic N., Erdem K., DÖNMEZ G.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.19, no.11, pp.923-933, 2019 (SCI-Expanded)
- XXVIII. **Improvement of bioethanol production from pomegranate peels via acidic pretreatment and enzymatic hydrolysis**
Demiray E., Ertuğrul Karatay S., Dönmez G.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.26, no.28, pp.29366-29378, 2019 (SCI-Expanded)
- XXIX. **Efficient approaches to convert *Coniochaeta hoffmannii* lipids into biodiesel by in-situ transesterification**
ERTUĞRUL KARATAY S., Demiray E., DÖNMEZ G.
BIORESOURCING TECHNOLOGY, vol.285, 2019 (SCI-Expanded)
- XXX. **Bioethanol production by newly isolated halotolerant *Kluyveromyces marxianus* strains**
Ertuğrul Karatay S., Demiray E., Dönmez G.

- ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, vol.38, no.2, pp.542-547, 2019 (SCI-Expanded)
- XXXI. **Evaluation of pomegranate peel in ethanol production by *Saccharomyces cerevisiae* and *Pichia stipitis***
Demiray E., Karatay S., Dönmez G.
Energy, vol.159, pp.988-994, 2018 (SCI-Expanded)
- XXXII. **Dual bioremediation of phenol and Cr(VI) by mixed microbial cultures in the presence of molasses**
Kilic N., DÖNMEZ G.
WATER SCIENCE AND TECHNOLOGY, vol.75, no.12, pp.2883-2890, 2017 (SCI-Expanded)
- XXXIII. **Experimental investigations on bioethanol production from halophilic microalgal biomass**
Ertuğrul Karatay S., Erdogan M., Donmez S., Dönmez G.
ECOLOGICAL ENGINEERING, vol.95, pp.266-270, 2016 (SCI-Expanded)
- XXXIV. **The isolation of novel yeast strains for bioethanol production**
Demiray E., ERTUĞRUL KARATAY S., DÖNMEZ G.
NEW BIOTECHNOLOGY, vol.33, 2016 (SCI-Expanded)
- XXXV. **THE USAGE OF CARROT POMACE FOR BIOETHANOL PRODUCTION**
Demiray E., Ertuğrul Karatay S., Donmez S., Dönmez G.
JOURNAL OF THE CHILEAN CHEMICAL SOCIETY, vol.61, no.2, pp.2996-2998, 2016 (SCI-Expanded)
- XXXVI. **Enhancement of microalgal biomass production and dissolved inorganic C fixation from actual coal flue gas by exogenous salicylic acid and 1-triacontanol growth promoters**
ERTİT TAŞTAN B., Duygu E., İLBAŞ M., DÖNMEZ G.
ENERGY, vol.103, pp.598-604, 2016 (SCI-Expanded)
- XXXVII. **A new and effective approach to boron removal by using novel boron-specific fungi isolated from boron mining wastewater**
ERTİT TAŞTAN B., Cakir D. N., DÖNMEZ G.
WATER SCIENCE AND TECHNOLOGY, vol.73, no.3, pp.543-549, 2016 (SCI-Expanded)
- XXXVIII. **Green Synthesis of Silver Nanoparticles Using Cyanobacteria and Evaluation of Their Photocatalytic and Antimicrobial Activity**
Keskin N. O. S., Kilic N., DÖNMEZ G., Tekinay T.
JOURNAL OF NANO RESEARCH, vol.40, pp.120-130, 2016 (SCI-Expanded)
- XXXIX. **EPS production and bioremoval of heavy metals by mixed and pure bacterial cultures isolated from Ankara Stream**
Kilic N., Kurkcu G., Kumruoglu D., DÖNMEZ G.
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- XL. **Removal of Remazol Blue by azoreductase from newly isolated bacteria**
ERTUĞRUL KARATAY S., Kilic N., DÖNMEZ G.
ECOLOGICAL ENGINEERING, vol.84, pp.301-304, 2015 (SCI-Expanded)
- XLI. **Detection of boron removal capacities of different microorganisms in wastewater and effective removal process**
Lacin B., ERTİT TAŞTAN B., DÖNMEZ G.
WATER SCIENCE AND TECHNOLOGY, vol.72, no.10, pp.1832-1839, 2015 (SCI-Expanded)
- XLII. **Biodegradation of pesticide triclosan by *A. versicolor* in simulated wastewater and semi-synthetic media**
ERTİT TAŞTAN B., DÖNMEZ G.
PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY, vol.118, pp.33-37, 2015 (SCI-Expanded)
- XLIII. **An economical phenol bioremoval method using *Aspergillus versicolor* and agricultural wastes as a carbon source**
ERTUĞRUL KARATAY S., DÖNMEZ G.
ECOLOGICAL ENGINEERING, vol.73, pp.224-228, 2014 (SCI-Expanded)
- XLIV. **Stimulation of Phenol Removal Efficiency of *Aspergillus versicolor* by Surfactants, a Promising Way to Treat Phenol-Containing Waste Waters**
ERTUĞRUL KARATAY S., GÜL Ü. D., DÖNMEZ G.

JOURNAL OF SURFACTANTS AND DETERGENTS, vol.17, no.6, pp.1223-1228, 2014 (SCI-Expanded)

- XLV. **Influence of Surfactants on Dye Removal and Growth of *Aspergillus versicolor* - an Effective Way to Decolorize Textile Dye**
GÜL Ü. D., DÖNMEZ G.
CLEAN-SOIL AIR WATER, vol.42, no.7, pp.917-922, 2014 (SCI-Expanded)
- XLVI. **The usage of carrot pomace as a feedstock for bioethanol production**
Demiray E., ERTUĞRUL KARATAY S., DÖNMEZ G., Donmez S.
NEW BIOTECHNOLOGY, vol.31, 2014 (SCI-Expanded)
- XLVII. **EVALUATION OF BIOTECHNOLOGICAL POTENTIALS OF SOME INDUSTRIAL FUNGI IN ECONOMICAL LIPID ACCUMULATION AND BIOFUEL PRODUCTION AS A FIELD OF USE**
ERTUĞRUL KARATAY S., DÖNMEZ G.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.44, no.4, pp.332-341, 2014 (SCI-Expanded)
- XLVIII. **Microbially influenced corrosion and inhibition of nickel-zinc and nickel-copper coatings by *Pseudomonas aeruginosa***
San N. O., NAZIR H., Donmez G.
CORROSION SCIENCE, vol.79, pp.177-183, 2014 (SCI-Expanded)
- XLIX. **Evaluation of hydrogen production by *Clostridium* strains on beet molasses**
AVCI A., Kilic N., DÖNMEZ G., Donmez S.
ENVIRONMENTAL TECHNOLOGY, vol.35, no.3, pp.278-285, 2014 (SCI-Expanded)
- L. **DETERMINATION OF METHYLENE BLUE BIOSORPTION BY *Rhizopus arrhizus* IN THE PRESENCE OF SURFACTANTS WITH DIFFERENT CHEMICAL STRUCTURES**
ERTUĞRUL KARATAY S., GÜL Ü. D., DÖNMEZ G.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.44, no.7, pp.653-662, 2014 (SCI-Expanded)
- LI. **Phenol biodegradation by different mixed cultures and the optimization of efficiency of the degradation**
Kilic N., DÖNMEZ G.
ENVIRONMENTAL TECHNOLOGY, vol.34, no.15, pp.2251-2258, 2013 (SCI-Expanded)
- LII. **Utilization of LPG and gasoline engine exhaust emissions by microalgae**
ERTİT TAŞTAN B., Duygu E., İLBAŞ M., DÖNMEZ G.
Journal of Hazardous Materials, vol.246-247, pp.173-180, 2013 (SCI-Expanded)
- LIII. **Application of mixed fungal biomass for effective reactive dye removal from textile effluents**
Gül Ü. D., DÖNMEZ G.
Desalination and Water Treatment, vol.51, no.16-18, pp.3597-3603, 2013 (SCI-Expanded)
- LIV. **Evaluation of microbiologically influenced corrosion inhibition on Ni-Co alloy coatings by *Aeromonas salmonicida* and *Clavibacter michiganensis***
San N. O., NAZIR H., Donmez G.
CORROSION SCIENCE, vol.65, pp.113-118, 2012 (SCI-Expanded)
- LV. **SO₂ and NO₂ tolerance of microalgae with the help of some growth stimulators**
ERTİT TAŞTAN B., Duygu E., ATAKOL O., DÖNMEZ G.
Energy Conversion and Management, vol.64, pp.28-34, 2012 (SCI-Expanded)
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