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International Researcher IDs

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Education Information

Doctorate, University of Sussex, United Kingdom 1996 - 1999

Postgraduate, University of Sussex, United Kingdom 1995 - 1996

Undergraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1989 - 1993

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, The Synthesis of Biologically Active Steroids, University of Sussex, 1999

Postgraduate, Synthesis of Glutamate Receptor Agonists and Antagonists, University of Sussex, 1996

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Eskişehir Osmangazi University, Fen Fakültesi, Kimya Bölümü, 2011 - Continues

Associate Professor, Eskişehir Osmangazi University, Fen Fakültesi, Kimya Bölümü, 2006 - 2011

Assistant Professor, Eskişehir Osmangazi University, Fen Fakültesi, Kimya Bölümü, 2000 - 2006

Research Assistant, Eskişehir Osmangazi University, Fen Fakültesi, Kimya Bölümü, 2000 - 2000

Academic and Administrative Experience

Member of the Senate, Eskisehir Osmangazi University, 2014 - 2017
Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2013 - 2016
Fakülte Kurulu Üyesi, Eskisehir Osmangazi University, 2012 - 2016
Fakülte Yönetim Kurulu Üyesi, Eskisehir Osmangazi University, 2012 - 2015
Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2011 - 2014
Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2009
Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, 2004 - 2005

Advising Theses

KIRAN İ., Terpen yapılı potansiyel koku maddelerinin mikrobiyal transformasyon ile elde edilmesi, Postgraduate, H.ÜÇER(Student), 2020
KIRAN İ., Perillil Alkolün Bazı Fungus ve Bakteriler ile Mikrobiyal Transformasyon Tepkimeleri ve Metabolitlerin in vitro Biyolojik Aktiviteleri, Doctorate, C.ELMACI(Student), 2019
KIRAN İ., Betülin molekülünün bazı bakterilerle biyotransformasyonu ve apoptotik etkilerinin incelenmesi, Postgraduate, Ş.GAMZE(Student), 2018
KIRAN İ., Abiyetik asit, betulin, hidroksi diizoforon ve oleik asitin biyotransformasyon tepkimeleri ve metabolitlerin in vitro biyolojik aktiviteleri, Doctorate, Ö.ÖZŞEN(Student), 2017
KIRAN İ., Yeni koku maddelerinin biyoteknolojik yöntemlerle üretimi, Postgraduate, T.TİKNA(Student), 2014
KIRAN İ., Yeni tat maddelerinin biyoteknolojik yöntemlerle üretimi, Postgraduate, N.KAYA(Student), 2014
KIRAN İ., Asetoksi perillil alkol sentezi ve mikrobiyal biyotransformasyonu, Postgraduate, C.ELMACI(Student), 2013
KIRAN İ., Perillil alkolün mikrobiyal biyotransformasyonu, Postgraduate, Ş.ŞENCAN(Student), 2013
KIRAN İ., İzoforon analoglarının sentezi, biyotransformasyonu ve biyolojik etkileri, Postgraduate, Ö.ÖZŞEN(Student), 2011
KIRAN İ., İzoforon'un Alternaria alternata ile biyotransformasyonu ve biyolojik etkileri, Postgraduate, T.ÇELİK(Student), 2009
KIRAN İ., Benzoin'in Aspergillus niger, Botrytis cinerea, Fusarium solani ve Neurospora crassa fungal kültürleri ile biyotransformasyon reaksiyonlarının incelenmesi, Postgraduate, Y.KAZAK(Student), 2008
KIRAN İ., Adamantane ve türevlerinin Aspergillus niger ve Fusarium solani ile biyotransformasyon reaksiyonlarının incelenmesi, Postgraduate, G.GÜN(Student), 2008
KIRAN İ., Karyofillen oksit'in Neurospora crassa ile biyotransformasyonunun incelenmesi, Postgraduate, Z.DURCEYLAN(Student), 2007
KIRAN İ., Furanosteroid yapılı bazı bileşiklerin antifungal etkinliğinin ve Neurospora crassa fungal kültürünün biyotransformasyon ve biyosorpsiyon özelliklerinin incelenmesi, Doctorate, T.AKAR(Student), 2005
KIRAN İ., Diizoforonun Cephalosporium aphidicola ile biyotransformasyonun incelenmesi, Postgraduate, A.GÖRGÜLÜ(Student), 2004
KIRAN İ., Diizoforonun Aspergillus niger ile biyotransformasyonunun ve antifungal aktivitesinin incelenmesi, Postgraduate, H.NURHAN(Student), 2004
KIRAN İ., Bazı sesquiterpenlerin ve furanosteroidlerin Cephalosporium aphidicola fungal kültürü ile biyotransformasyonunun incelenmesi, Postgraduate, L.TÜR(Student), 2004
KIRAN İ., 5'-metilfuran-4',3',2'-4,5,6)-pregn-5-ene-3,20-dione'un sentezi ve Aspergillus niger (ATCC 10549) fungal kültürü ile biyotransformasyonunun incelenmesi, Postgraduate, İ.EKİNCİ(Student), 2003
KIRAN İ., 5'-metilfuran-4',3',2'-4,5,6)-androst-5-ene-3,17-dione'in sentezi ve Cephalosporium aphidicola (IMI 68689) fungal kültürü ile biyotransformasyonunun incelenmesi, Postgraduate, E.EROL(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

I. Fungal biotransformation of cedramber

Özşen Batur Ö., Kiran İ., Demirci F., Başer K. H. C.

BIOCATALYSIS AND BIOTRANSFORMATION, vol.40, no.4, pp.248-251, 2022 (SCI-Expanded)

- II. **Bacterial biotransformation and anticancer activities of betulin against a549, hepg2 and 5rp7 cancer cell lines**
KIRAN İ., Çiftçi G. A., Eklioğlu Ö. A., Akkaya Ş. G. K.
Anti-Cancer Agents in Medicinal Chemistry, vol.21, no.12, pp.1581-1593, 2021 (SCI-Expanded)
- III. **Biotransformation of oleic acid and antimicrobial and anticancer activities of its biotransformation extracts**
Özşen Batur Ö., Atlı Eklioğlu Ö., Kiran İ.
Bulgarian Chemical Communications, vol.51, no.2, pp.200-205, 2019 (SCI-Expanded)
- IV. **Microbial biotransformation of alpha-ionol**
KIRAN İ., Sefunc T. T., ÖZŞEN BATUR Ö., Baser K. H. C., DEMİRCİ F.
JOURNAL OF CHEMICAL RESEARCH, no.1, pp.13-14, 2018 (SCI-Expanded)
- V. **Fungal Biotransformation of Cyclademol and Antimicrobial Activities of Its Metabolites**
KIRAN İ., ÖZŞEN BATUR Ö., Baser K. H. C., DEMİRCİ F.
NATURAL PRODUCT COMMUNICATIONS, vol.12, no.10, pp.1529-1530, 2017 (SCI-Expanded)
- VI. **Cytotoxic, Antiproliferative and Apoptotic Effects of Perillyl Alcohol and Its Biotransformation Metabolite on A549 and HepG2 Cancer Cell Lines**
Oturanel C. E., KIRAN İ., ÖZŞEN BATUR Ö., AKALIN ÇİFTÇİ G., ATLI Ö.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.17, no.9, pp.1243-1250, 2017 (SCI-Expanded)
- VII. **Biotransformation of abietic acid by fungi and biological evaluation of its metabolites**
ÖZŞEN BATUR Ö., KIRAN İ., DAĞ İ., ATLI Ö., AKALIN ÇİFTÇİ G., DEMİRCİ F.
PROCESS BIOCHEMISTRY, vol.52, pp.130-140, 2017 (SCI-Expanded)
- VIII. **Microbial Transformations of Isophorone by Alternaria alternata and Neurospora crassa**
KIRAN İ., ÖZŞEN BATUR Ö., Celik T., İLHAN S., YENİCE GÜRSU B., DEMİRCİ F.
NATURAL PRODUCT COMMUNICATIONS, vol.8, no.1, pp.59-61, 2013 (SCI-Expanded)
- IX. **Microbial Hydroxylation of S-(-)-Perillyl Alcohol by Fusarium heterosporium**
KIRAN İ.
NATURAL PRODUCT COMMUNICATIONS, vol.6, no.12, pp.1805-1806, 2011 (SCI-Expanded)
- X. **Biosorption of Reactive Yellow 145 Dye by Dried Penicillium restrictum: Isotherm, Kinetic, and Thermodynamic Studies**
CANER N., KIRAN İ., İLHAN S., Pinarbasi A., FİLİK İŞÇEN C.
SEPARATION SCIENCE AND TECHNOLOGY, vol.46, no.14, pp.2283-2290, 2011 (SCI-Expanded)
- XI. **Biotransformation of alpha-Cedrol and Caryophyllene Oxide by the Fungus Neurospora crassa**
KIRAN İ., Durceylan Z., KIRIMER N., BAŞER K. H. C., Noma Y., DEMİRCİ F.
NATURAL PRODUCT COMMUNICATIONS, vol.5, no.4, pp.515-518, 2010 (SCI-Expanded)
- XII. **THE MUTAGENIC ACTIVITIES OF SOME STEROID DERIVATIVES USING Salmonella UMU TEST**
CANBEK M., KIRAN İ., CEYHAN E., YILDIZ Z., Emeksiz H.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, pp.1552-1557, 2010 (SCI-Expanded)
- XIII. **Biosorption properties of dried Neurospora crassa for the removal of Burazol Blue ED dye**
KIRAN İ., İLHAN S., CANER N., FİLİK İŞÇEN C., YILDIZ Z.
DESALINATION, vol.249, no.1, pp.273-278, 2009 (SCI-Expanded)
- XIV. **Isotherm and kinetic studies of Burazol Blue ED dye biosorption by dried anaerobic sludge**
CANER N., KIRAN İ., İLHAN S., FİLİK İŞÇEN C.
JOURNAL OF HAZARDOUS MATERIALS, vol.165, pp.279-284, 2009 (SCI-Expanded)
- XV. **The protective effects of demethoxyviridine and 1- α -hydroxydemethoxyviridine in the livers of male rats treated with diethylnitrosamine and 2-acetylaminofluorene**
ÜSTÜNER M. C., DEĞİRMENCİ İ., KIRAN İ., ÖZDEN H., Civi K., Ustuner D., Gunes H. V.
Saudi Medical Journal, vol.29, no.9, pp.1241-1246, 2008 (SCI-Expanded)
- XVI. **The protective effects of demethoxyviridine and 1- α -hydroxy-demethoxyviridine in the livers of male rats treated with diethylnitrosamine and 2-acetylaminofluorene**
ÜSTÜNER M. C., DEĞİRMENCİ İ., KIRAN İ., ÖZDEN H., Civi K., AKYILDIZ ÜSTÜNER D., Gunes H. V.

SAUDI MEDICAL JOURNAL, no.9, pp.1241-1246, 2008 (SCI-Expanded)

- XVII. **Biosorption potential of dried *Penicillium restrictum* for Reactive Orange 122: isotherm, kinetic and thermodynamic studies**
İLHAN S., FİLİK İŞÇEN C., CANER N., KIRAN İ.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.83, no.4, pp.569-575, 2008 (SCI-Expanded)
- XVIII. **Biosorption of Reactive Black 5 dye by *Penicillium restrictum*: The kinetic study**
FİLİK İŞÇEN C., KIRAN İ., İlhan S.
JOURNAL OF HAZARDOUS MATERIALS, vol.143, pp.335-340, 2007 (SCI-Expanded)
- XIX. **Adsorption potential of lead(II) ions from aqueous solutions onto *Capsicum annuum* seeds**
Ozcan A. S., Ozcan A., Tunali S., AKAR T., KIRAN İ., Gedikbey T.
Separation Science and Technology, vol.42, no.1, pp.137-151, 2007 (SCI-Expanded)
- XX. **Biosorption kinetics and isotherm studies of Acid Red 57 by dried *Cephalosporium aphidicola* cells from aqueous solutions**
KIRAN İ., AKAR T., Ozcan A. S., Ozcan A., Tunali S.
Biochemical Engineering Journal, vol.31, no.3, pp.197-203, 2006 (SCI-Expanded)
- XXI. **Biosorption potential of *Neurospora crassa* cells for decolorization of Acid Red 57 (AR57) dye**
AKAR T., Demir T. A., KIRAN İ., Ozcan A., Ozcan A. S., Tunali S.
Journal of Chemical Technology and Biotechnology, vol.81, no.7, pp.1100-1106, 2006 (SCI-Expanded)
- XXII. **Equilibrium and kinetics of biosorption of lead(II) from aqueous solutions by *Cephalosporium aphidicola***
Tunali S., Akar T., Ozcan A., KIRAN İ., Ozcan A.
Separation and Purification Technology, vol.47, no.3, pp.105-112, 2006 (SCI-Expanded)
- XXIII. **Biosorption of Pb(II) and Cu(II) from aqueous solutions by pretreated biomass of *Neurospora crassa***
KIRAN İ., Akar T., Tunali S.
Process Biochemistry, vol.40, no.11, pp.3550-3558, 2005 (SCI-Expanded)
- XXIV. ***Botrytis cinerea* as a new fungal biosorbent for removal of Pb(II) from aqueous solutions**
Akar T., Tunali S., KIRAN İ.
Biochemical Engineering Journal, vol.25, no.3, pp.227-235, 2005 (SCI-Expanded)
- XXV. **Determination of the equilibrium, kinetic and thermodynamic parameters of adsorption of copper(II) ions onto seeds of *Capsicum annuum***
Ozcan A., Ozcan A., Tunali S., Akar T., KIRAN İ.
Journal of Hazardous Materials, vol.124, pp.200-208, 2005 (SCI-Expanded)
- XXVI. **Synthesis and evaluation of demethoxyviridin derivatives as potential antimicrobials**
KIRAN İ., İlhan S., AKAR T., Tur L., Erol E.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.60, pp.686-692, 2005 (SCI-Expanded)
- XXVII. **Biotransformation of racemic diisophorone by *Cephalosporium aphidicola* and *Neurospora crassa***
KIRAN İ., AKAR T., Gorgulu A., Kazaz C.
BIOTECHNOLOGY LETTERS, vol.27, no.14, pp.1007-1010, 2005 (SCI-Expanded)
- XXVIII. **Chromium(VI) biosorption characteristics of *Neurospora crassa* fungal biomass**
Tunali S., KIRAN İ., Akar T.
Minerals Engineering, vol.18, no.7, pp.681-689, 2005 (SCI-Expanded)
- XXIX. **The antifungal activity and biotransformation of diisophorone by the fungus *Aspergillus niger***
KIRAN İ., Yildirim H., Hanson J., Hitchcock P.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.79, no.12, pp.1366-1370, 2004 (SCI-Expanded)
- XXX. **The microbiological hydroxylation of some methoxysteroids by *Cephalosporium aphidicola***
KIRAN İ., Hanson J., Hunter A.
JOURNAL OF CHEMICAL RESEARCH-S, no.5, pp.362-363, 2004 (SCI-Expanded)
- XXXI. **An alternative preparation of steroidal Delta(4)-3,6-diones**
KIRAN İ., Hanson J.

- JOURNAL OF CHEMICAL RESEARCH-S, no.3, pp.208-209, 2004 (SCI-Expanded)
- XXXII. **The preparation of 21,21-dimethylprogesterone**
Hanson J., KIRAN Ĭ., Scarbrough C.
JOURNAL OF CHEMICAL RESEARCH-S, no.5, pp.301-302, 2003 (SCI-Expanded)
- XXXIII. **The Westphalen rearrangement of a tricyclic steroid**
Hanson J., Hitchcock P., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.4, pp.222-224, 2003 (SCI-Expanded)
- XXXIV. **The microbiological hydroxylation of 17-chloroandrosta-4,16-dien-3-one by *Cephalosporium aphidicola***
Hanson J., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.3, pp.130-131, 2003 (SCI-Expanded)
- XXXV. **The effect of a 4-formyl and hydroxymethyl substituent on steroid biotransformations by *Mucor plumbeus***
Hanson J., Hitchcock P., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.3, pp.136-137, 2003 (SCI-Expanded)
- XXXVI. **The preparation and crystal structure of 16-acetylandrosta-4,16-dien-3-one**
Dalmaris J., Hanson J., Hitchcock P., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH, no.3, pp.150-152, 2003 (SCI-Expanded)
- XXXVII. **The epoxidation of androstane and pregnane 2,4-dienes**
Hanson J., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.12, pp.692-696, 1999 (SCI-Expanded)
- XXXVIII. **The preparation of furano-steroid analogues of demethoxyviridin**
Boynton J., Hanson J., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.11, pp.638-642, 1999 (SCI-Expanded)
- XXXIX. **The oxidation of some steroidal dienes and trienes with chromic acid**
Hanson J., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.10, pp.594-598, 1999 (SCI-Expanded)
- XL. **The transannular effect of one androstane epoxide on the stereochemistry of a second epoxidation**
Hanson J., Hitchcock P., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.9, pp.538-542, 1999 (SCI-Expanded)
- XLI. **The tetracyanoethylene catalysed methanolysis of androstane 2,3-epoxides**
Hanson J., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.9, pp.540-541, 1999 (SCI-Expanded)
- XLII. **Boat forms of ring A in B-norsteroids**
Hanson J., Hitchcock P., KIRAN Ĭ., UYANIK C.
JOURNAL OF CHEMICAL RESEARCH, no.8, pp.478-482, 1999 (SCI-Expanded)
- XLIII. **Neighbouring group participation in the methanolysis of a vicinal diepoxide**
Hanson J., Hitchcock P., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.6, pp.356-360, 1999 (SCI-Expanded)
- XLIV. **The formation and structure of some androstane 4-and 6-ketones**
Flaih N., Hanson J., Hitchcock P., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH, no.4, pp.258-259, 1999 (SCI-Expanded)
- XLV. **The stereochemistry of epoxidation of steroidal 4,6-dienes**
Hanson J., Hitchcock P., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.3, pp.198-202, 1999 (SCI-Expanded)
- XLVI. **Preparation of Androst-5-ene-4.7,17-trione and A-Norandrost-5-ene-3.7.17-trione**
Hanson J., KIRAN Ĭ., Masarweh N., UYANIK C.
JOURNAL OF CHEMICAL RESEARCH-S, no.9, pp.493-495, 1998 (SCI-Expanded)
- XLVII. **The preparation of 4-chloroandrosta-3,5-dien-7-ones**
Bourban C., Hanson J., KIRAN Ĭ.
JOURNAL OF CHEMICAL RESEARCH-S, no.12, pp.439-441, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Fungal Biotransformation of Cedryl Formate**
Özşen Batur Ö., Kiran İ., Başer K. H. C., Demirci F.
Hacettepe Journal of Biology and Chemistry, vol.51, no.3, pp.283-287, 2023 (Peer-Reviewed Journal)
- II. **Microbial Transformation of 3,3-Dimethylcyclohexyl methyl ketone and Antimicrobial Evaluation**
ÖZŞEN BATUR Ö., KIRAN İ., BAŞER K. H. C., DEMİRCİ F.
Hacettepe Journal of Biology and Chemistry, vol.50, no.3, pp.263-267, 2022 (Peer-Reviewed Journal)
- III. **Microbial transformation of β -caryophyllene and longifolene by *Woliporia extensa***
ÖZŞEN BATUR Ö., KIRAN İ., BERGER R. G., DEMİRCİ B.
Natural Volatiles and Essential Oils, vol.6, no.3, pp.8-15, 2019 (Scopus)
- IV. **The effects of demethoxyviridine and 1 hydroxy demethoxyviridine on the antioxidant defence system in the early stages hepatocarcinogenesis**
ÜSTÜNER M. C., DEĞİRMENCİ İ., ÖZDEN H., KIRAN İ., ÇİVİ K.
The Medical Journal of Kocatepe, vol.7, no.0, pp.49-57, 2007 (Peer-Reviewed Journal)
- V. **Hepatokarsinogenesis in erken dönemde demetoksiviridin ve 1 hidroksi demetoksiviridin antioksidan savunma sistemine etkisi**
ÜSTÜNER M. C., DEĞİRMENCİ İ., ÖZDEN H., KİSMET Ç., KIRAN İ.
Kocatepe Tıp Dergisi, vol.3, no.7, pp.49-57, 2006 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Antibacterial Evaluation of β -Ionyl Acetate and the Bioconversion Metabolite**
ÖZŞEN BATUR Ö., KIRAN İ., DEMİRCİ F., BAŞER K. H. C.
51st International Symposium on Essential Oils, 12 - 14 November 2021
- II. **Biotransformation of (1R,2R,5R)-(+)-2-Hydroxy-Pinanone by 14 Fungi and Antimicrobial Evaluation**
Kiran İ.
3rd Eurasia Biochemical Approaches & Technologies (EBAT) Congress, Antalya, Turkey, 4 - 07 November 2021, pp.70
- III. **Microbial Transformation and Antimicrobial Evaluation of Beta-Ionone Derivatives**
ÖZŞEN BATUR Ö., KIRAN İ., DEMİRCİ F.
6th World Congress on Medicinal and Aromatic Plants, 13 - 17 November 2019
- IV. **Microbial Transformation and Antimicrobial Evaluation of B-Ionone Derivatives**
ÖZŞEN BATUR Ö., KIRAN İ., DEMİRCİ F.
6th World Congress on Medicinal and Aromatic Plants, Cyprus (Kktc), 13 - 17 November 2019
- V. **Fungal biotransformation of 7,8-dihydro-beta-ionone**
ÖZŞEN BATUR Ö., KIRAN İ., DEMİRCİ F., BAŞER K. H. C.
30th International Symposium on the Chemistry of Natural Products, 25 - 29 November 2018
- VI. **Fungal biotransformation of 7,8-dihydro- β -ionone**
ÖZŞEN BATUR Ö., KIRAN İ., DEMİRCİ F., BAŞER K. H. C.
30th International Symposium on The Chemistry of Natural Products, 25 - 29 November 2018
- VII. **Microbial Biotransformation Reactions and Their Applications in the Production of Aroma Chemicals and Drug Development**
KIRAN İ.
4th International Turkic World Conference on Chemical Sciences and Technologies, 7 - 10 September 2018
- VIII. **Apoptotic and Antiproliferative Activities of Abietic Acid and Its Biotransformation Metabolites on HepG2 Cancer Cell Lines**
KIRAN İ., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.
3rd International Turkic World Conference on Chemical Sciences Technologies, 10 - 13 September 2017
- IX. **Production of Potential Aroma Compounds From Beta-Ionone Through Microbial Biotransformation**

KIRAN İ., ÖZŞEN Ö., DEMİRCİ F., BAŞER K. H. C.

3rd International Turkic World Conference on Chemical Sciences Technologies, 10 - 13 September 2017

X. **Antifungal and Antibacterial Activities of Beta-Ionone and Its Biotransformation Metabolite**

KIRAN İ., ÖZŞEN Ö., DEMİRCİ F., BAŞER K. H. C.

3rd International Turkic World Conference on Chemical Sciences Technologies, 10 - 13 September 2017

XI. **Biotechnological Production of New Aroma Compounds From Alpha-Ionol**

KIRAN İ., ÖZŞEN Ö., TIKNA T., DEMİRCİ F., BAŞER K. H. C.

3rd International Turkic World Conference on Chemical Sciences Technologies, 10 - 13 September 2017

XII. **Betülinin A549 Akciğer Adenokarsinom Hücre Hatları Üzerindeki Antiproliferatif ve Apoptotik Etkileri**

KIRAN İ., KAHRAMAN G., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.

Uluslararası Katılımlı 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017

XIII. **Betülin Molekülünün Hepatoma Üzerindeki Apoptotik Etkileri**

KIRAN İ., KAHRAMAN G., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.

Uluslararası Katılımlı 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017

XIV. **HepG2 Hepatoma Hücrelerinde Perillil Alkol ve Dihidroperillik Asidin DNA Sentez İnhibisyonu ve Apoptotik Etkileri**

KIRAN İ., OTURANEL C., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.

Uluslararası Katılımlı 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017

XV. **Perillil Alkol ve Dehidroperillik Asidin A549 Akciğer Adenokarsinom Hücre Hatları Üzerindeki Antiproliferatif ve Apoptotik Etkileri**

KIRAN İ., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.

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XVI. **Abiyetik Asit ve Metabolitlerinin A549 Akciğer Adenokarsinom Hücre Hatları Üzerindeki Antiproliferatif ve Apoptotik Etkileri**

KIRAN İ., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.

Uluslararası Katılımlı 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017

XVII. **Investigating the Cytotoxicity of Biotransformation Metabolite of Perillyl Alcohol**

KIRAN İ., ÖZŞEN Ö., ATLI Ö.

International Turkic World Conference on Chemical Science and Technologies, Üsküp, Macedonia, 26 - 30 October 2016

XVIII. **Microbial Biotransformation of Terpene Alcohol By Fungi and Antimicrobial Activities of The Metabolites**

KIRAN İ., ÖZŞEN Ö., DEMİRCİ F., BAŞER K. H. C.

International Turkic World Conference on Chemical Science and Technologies, Üsküp, Macedonia, 26 - 30 October 2016

XIX. **Biotransformation of Caryophyllene and Longifolene by Wolfiporia cocos**

ÖZŞEN Ö., KIRAN İ., DEMİRCİ B., BERGER R. G.

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XX. **Biotransformation of Diterpene Abietic Acid by Fungi**

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XXI. **Microbial Transformation of Perillyl Alcohol by a Variety of Microorganisms**

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XXII. **Investigating the Cytotoxicity of Biotransformation Metabolites of Abietic Acid**

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XXIII. **Microbial Biotransformation of Oleic Acid and The Cytotoxicity of Biotransformation Mixtures**

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