

Prof. Ayşegül PEKSEL

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-7832-2020

ScopusID: 8639547200

Yoksis Researcher ID: 174867

Education Information

Doctorate, Technische Universitaet Wien, Fakultaeet Für Technische Chemie , Biochemische Technologie Und Mikrobiologie , Austria 1996 - 1999

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kimya/Organik Kimya, Turkey 1991 - 1994

Undergraduate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, Turkey 1987 - 1991

Foreign Languages

English, B2 Upper Intermediate

German, B1 Intermediate

Dissertations

Doctorate, Biochemical Aspects of the Stimulation of Citric Acid Accumulation by the Sugar Concentration in *Aspergillus niger*, Technische Universitaet Wien, Institut für Biochemische Technologie und Mikrobiologie, Sektion Mikrobielle Biochemie, 1999

Postgraduate, Smilax excelsa Bitkisinin İçerdiği Steroidal Bileşikler, Yildiz Technical University, Graduate School of Natural and Applied Sciences, 1994

Research Areas

Biotechnology, Life Sciences, Biochemistry, Biomolecules, Enzymology, Industrial Biotechnology, Microbial Biotechnology, Chemistry, Biotransformations, Fermentation, Protein Chemistry, Free Radicals, Natural Sciences

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2014 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2008 - 2014
Assistant Professor, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2004 - 2008
Research Assistant PhD, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 1999 - 2004
Research Assistant, Technische Universitaet Wien, Fakultaeet Für Technische Chemie, Biochemische Technologie Und Mikrobiologie, 1996 - 1999
Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 1992 - 1996

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2021 - 2024
Head of Department, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2017 - 2020
Deputy Head of Department, Yildiz Technical University, Faculty of Arts & Science, Department of Chemistry, 2011 - 2014
Fakülte Kurulu Üyeliđi, Yildiz Technical University, Faculty of Education, 2009 - 2012
Board Member, Yildiz Technical University, Faculty of Education, 2009 - 2011

Courses

Biochemistry 3, Undergraduate, 2019 - 2020
Biyokimya 2, Undergraduate, 2018 - 2019
Endüstriyel Biyoteknoloji, Undergraduate, 2018 - 2019
Hücre Sinyal İletim Mekanizmaları, Doctorate, 2018 - 2019
Biyokimya 1, Undergraduate, 2018 - 2019
Lipid Metabolizması, Postgraduate, 2017 - 2018
Biyokimya Laboratuvarı 2, Undergraduate, 2017 - 2018
Biyoteknolojik Yöntemler, Undergraduate, 2018 - 2019
Karbohidrat Metabolizması, Postgraduate, 2017 - 2018
Biyokimya Laboratuvarı 1, Undergraduate, 2017 - 2018
Serbest Radikal Biyokimyası, Postgraduate, 2016 - 2017

Advising Theses

Peksel A., Fitazın izolasyonu, karakterizasyonu ve nanofibere immobilizasyonu, Doctorate, Ü.DURU(Student), 2022
Peksel A., Kamacı M., Pullulanazın enkapsülasyon ile modifikasyonu ve kararlılıđının incelenmesi, Postgraduate, E.GEDİKOĐLU(Student), 2022
Peksel A., Box-behnken deneysel tasarım yöntemi uygulanarak turunçgillerin antioksidan aktiviteleri için ekstraksiyon yönteminin optimizasyonu, Doctorate, N.TAN(Student), 2021
Peksel A., Rhizomucor miehei lipazının çeşitli taşıyıcılara immobilize edilmesi ve karakterizasyonu, Doctorate, E.ÖZDEMİR(Student), 2020
Peksel A., Şalgam Turbunun Deoksiribonükleik Asit Bağlama ve Antioksidan Özelliklerinin İncelenmesi, Postgraduate, A.KOCABAŞ(Student), 2019
Peksel A., Farklı Ekstraksiyon Yöntemlerinin Enginarın Antioksidan Aktivitesine Etkileri, Postgraduate, D.AKDOĐAN(Student), 2019
Peksel A., Çemen otunun antioksidan özelliklerinin incelenmesi, Postgraduate, M.BAT(Student), 2018
Peksel A., Aspergillus niger'de fenol hidroksilaz induksiyonu ve karakterizasyonu, Postgraduate, M.BİLGİ(Student), 2017
Peksel A., Altaş N., Geleneksel probiyotik fermente gıdaların antioksidan ve DNA bağlanma etkilerinin incelenmesi, Postgraduate, E.ÖZDEMİR(Student), 2015
Peksel A., Zeytinyađı sanayi atıđı olan zeytin karasuyu özütünün bazı özelliklerinin incelenmesi ve ekonomik kullanılabilirliđinin araştırılması, Postgraduate, A.Babadostu(Student), 2014

Peksel A., Bazı bitkilerde pullulanaz aktivitesinin araştırılması, pullulanazın saflaştırılması ve immobilizasyonu, Doctorate, N.Altaş(Student), 2013

Peksel A., Kefir ve Bozanın in vitro antioksidan aktivitelerinin araştırılması, Postgraduate, A.ÖZPINAR(Student), 2012

Peksel A., B-Galaktozidazın Çeşitli Taşıyıcılarda İmmobilizasyonu ve Bazı Özelliklerinin İncelenmesi, Postgraduate, F.Aytaç(Student), 2012

Peksel A., Hypocrea jecorina QM9414'den pullulanazın saflaştırılması, Doctorate, N.Orhan(Student), 2012

Peksel A., Pullulanazın farklı taşıyıcılarda immobilizasyonu ve bazı özelliklerinin incelenmesi, Postgraduate, C.Ulutürk(Student), 2012

Peksel A., Aspergillus niger'de pullulanaz indüksiyonu ve çeşitli taşıyıcılara immobilizasyonu, Postgraduate, A.Akan(Student), 2011

Peksel A., Asphodelus aestivus (çiriş otu) bitkisinin çeşitli ekstraktlarının in vitro antioksidan aktivitelerinin araştırılması, Postgraduate, S.İmamoğlu(Student), 2010

Peksel A., Hypocrea jecorina QM9414 kültürlerinde beta-galaktozidazın karakterizasyonu ve kısmi saflaştırılması, Postgraduate, N.Altaş(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Preparation of pullulanase/Cu₃(PO₄)₂ hybrid nanoflower and its catalytic performance as an immobilized enzyme**
BİLGİ M., PEKSEL A.
International Journal of Biological Macromolecules, vol.287, 2025 (SCI-Expanded)
- II. **Immobilization and characterization of β -galactosidase from *Aspergillus oryzae* in polyvinyl alcohol hydrogels**
Akdoğan D., PEKSEL A.
Biotechnology and Applied Biochemistry, 2024 (SCI-Expanded)
- III. **Induction of Phenol Hydroxylase from *Aspergillus niger* and Its Optimization**
Bilgi M., Peksel A.
CHEMISTRYSELECT, vol.7, no.14, 2022 (SCI-Expanded)
- IV. **Phytosynthesis of CuONPs via *Laurus nobilis*: Determination of antioxidant content, antibacterial activity, and dye decolorization potential**
Bulut Kocabas B., Attar A., Peksel A., Altıkatoğlu Yapaöz M.
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.68, no.4, pp.889-895, 2021 (SCI-Expanded)
- V. **A dual responsive colorimetric sensor based on polyazomethine and ascorbic acid for the detection of Al (III) and Fe (II) ions**
Duru Kamacı Ü., Kamacı M., Peksel A.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.254, 2021 (SCI-Expanded)
- VI. **Synthesis and antioxidant activity of zinc(II) phthalocyanine tetranitroxide**
Korkut S., AHMETALİ E., BİLGİ M., Karataş Ö., YERLİ Y., PEKSEL A., ŞENER M. K.
POLYHEDRON, vol.197, 2021 (SCI-Expanded)
- VII. **Enhanced Catalytic Activity of Immobilized Phytase into Polyvinyl Alcohol-Sodium Alginate Based Electrospun Nanofibers**
Duru Kamacı Ü., Peksel A.
CATALYSIS LETTERS, vol.151, no.3, pp.821-831, 2021 (SCI-Expanded)
- VIII. **Fabrication of PVA-chitosan-based nanofibers for phytase immobilization to enhance enzymatic activity**
Duru Kamacı Ü., Peksel A.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.164, pp.3315-3322, 2020 (SCI-Expanded)
- IX. **Optimization of ultrasonic-assisted extraction of antioxidants from lemon peel waste using response surface methodology and multi-response desirability function**

Tan-Erkoç N., Dinç Zor Ş., Alpdoğan G., Peksel A.

Journal Of The Indian Chemical Society, vol.97, pp.2482-2489, 2020 (SCI-Expanded)

- X. **Immobilization of Rhizomucor miehei lipase onto montmorillonite K-10 and polyvinyl alcohol gel**
Babavatan E. O., YILDIRIM D., PEKSEL A., Binay B.
BIOCATALYSIS AND BIOTRANSFORMATION, vol.38, no.4, pp.274-282, 2020 (SCI-Expanded)
- XI. **Poly(azomethine-urethane) and zeolite-based composite: Fluorescent biosensor for DNA detection**
Duru Kamacı Ü., Kamacı M., Peksel A.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.212, pp.232-239, 2019 (SCI-Expanded)
- XII. **Thermally Stable Schiff Base and its Metal Complexes: Molecular Docking and Protein Binding Studies**
Duru Kamacı Ü., Kamacı M., Peksel A.
Journal of Fluorescence, vol.27, pp.805-817, 2017 (SCI-Expanded)
- XIII. **Synthesis, biological activity of a new long-chain di-Schiff base ligand and Ru(II) complex in solvent-free conditions**
DEMİRHAN N., PEKSEL A., Elmali F., Eren M.
MAIN GROUP CHEMISTRY, vol.16, no.4, pp.255-266, 2017 (SCI-Expanded)
- XIV. **Analysis of Some Trace Metals in Milk Samples by FAAS After Preconcentration by Aspergillus niger Loaded on TiO₂ Nanoparticles**
Alpdoğan G., Zor S. D., PEKSEL A.
CURRENT ANALYTICAL CHEMISTRY, vol.12, no.6, pp.642-650, 2016 (SCI-Expanded)
- XV. **A novel pullulanase from a fungus Hypocrea jecorina QM9414: Production and biochemical characterization**
Orhan N., Kiyamaz N., PEKSEL A.
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.51, no.2, pp.149-155, 2014 (SCI-Expanded)
- XVI. **Antioxidant and radical scavenging activities of Asphodelus aestivus Brot. extracts**
PEKSEL A., IMAMOĞLU S., KIYMAZ N., ORHAN N.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.16, no.6, pp.1339-1350, 2013 (SCI-Expanded)
- XVII. **Radical scavenging and anti-acetylcholinesterase activities of aqueous extract of wild pistachio (Pistacia atlantica Desf.) leaves**
PEKSEL A., ARISAN I., Yanardag R.
FOOD SCIENCE AND BIOTECHNOLOGY, vol.22, no.2, pp.515-522, 2013 (SCI-Expanded)
- XVIII. **Antioxidant and radical scavenging activities of some norcantharidin and bridged perhydroisoindole derivatives**
PEKSEL A., Celik C., Ocal N., Yanardag R.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.78, no.1, pp.15-25, 2013 (SCI-Expanded)
- XIX. **Evaluation of the Antioxidative Properties of N-Acylamino-Substituted Tricyclic Imides**
Gul M., Kulu I., PEKSEL A., Ocal N.
JOURNAL OF CHEMISTRY, 2013 (SCI-Expanded)
- XX. **Multiproperties of New Schiff Base and Its Mononuclear Copper(II) Complex. Synthesis, Characterization, Liquid Crystal Properties and Antioxidant Activities**
YÖRÜR GÖRECİ Ç., ALTAŞ N., PEKSEL A., BİLGİN ERAN B.
Journal of the Chemical Society of Pakistan, vol.34, no.4, pp.979-985, 2012 (SCI-Expanded)
- XXI. **EVALUATION OF ANTIOXIDANT AND ANTIACETYLCHOLINESTERASE ACTIVITIES OF THE EXTRACTS OF PISTACIA ATLANTICA DESF. LEAVES**
PEKSEL A., Arisan-Atac I., Yanardag R.
JOURNAL OF FOOD BIOCHEMISTRY, vol.34, no.3, pp.451-476, 2010 (SCI-Expanded)
- XXII. **Antioxidative properties of recently synthesised D-Pi-D type Schiff-base ligands**
Karaoglan G., Kiyamaz N., Erden İ., Peksel A.
JOURNAL OF CHEMICAL RESEARCH, no.6, pp.340-343, 2010 (SCI-Expanded)
- XXIII. **Radical scavenging and invitro antifungal activities of Cu(II) and Co(II) complexes of the t-**

butylphenyl derivative of porphyrazine

KESKİN B., PEKSEL A., Avciata U., Gül A.

JOURNAL OF COORDINATION CHEMISTRY, vol.63, no.22, pp.3999-4006, 2010 (SCI-Expanded)

- XXIV. **ANTIOXIDANT CAPACITY, ANTI-ACETYLCHOLINESTERASE ACTIVITY PROLINE CONTENT OF PISTACIA ATLANTICA DESF LEAVES**
Arisan I., Peksel A., Yanardag R.
ANNALS OF NUTRITION AND METABOLISM, vol.55, pp.627, 2009 (SCI-Expanded)
- XXV. **Synthesis in solvent-free conditions, characterization and biological activity of a new Schiff-base ligand and its Cu(II) complex**
ELMALI F., PEKSEL A., DEMİRHAN N.
JOURNAL OF COORDINATION CHEMISTRY, vol.62, no.15, pp.2548-2555, 2009 (SCI-Expanded)
- XXVI. **ANTIOXIDATIVE PROPERTIES OF EXTRACTS FROM ASPHODELUS AESTIVUS BROT (LILIACEAE)**
PEKSEL A., Imamoglu S.
ANNALS OF NUTRITION AND METABOLISM, vol.55, pp.596, 2009 (SCI-Expanded)
- XXVII. **Antioxidative properties of decoction of Pistacia atlantica Desf. leaves**
Peksel A.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.1, pp.681-693, 2008 (SCI-Expanded)
- XXVIII. **Determination of chitinase activity in different plant samples of Turkey**
Arisan-Atac I., Peksel A., Yanardag R.
ASIAN JOURNAL OF CHEMISTRY, vol.19, no.3, pp.2177-2183, 2007 (SCI-Expanded)
- XXIX. **Bio-liquefaction/solubilization of lignitic humic acids by white-rot fungus (Phanerochaete chrysosporium)**
Elbeyli I. Y., Palantoken A., Piskin S., Peksel A., Kuzu H.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.28, no.11, pp.1051-1061, 2006 (SCI-Expanded)
- XXX. **Liquefaction/solubilization of low-rank Turkish coals by white-rot fungus (Phanerochaete chrysosporium)**
Elbeyli I. Y., Palantoken A., Piskin S., Kuzu H., Peksel A.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.28, no.11, pp.1063-1073, 2006 (SCI-Expanded)
- XXXI. **The effect of combined treatment with niacin and chromium (III) chloride on the different tissues of hyperlipemic rats**
Atac I. A., Peksel A., Yanardag R., Sokmen B. B., Doger M. M., Bilen Z. G.
DRUG AND CHEMICAL TOXICOLOGY, vol.29, no.4, pp.363-377, 2006 (SCI-Expanded)
- XXXII. **Antioxidant activities of aqueous extracts of purslane (Portulaca oleracea subsp sativa L.)**
Peksel A., ARISAN-ATAC I., YANARDAG R.
ITALIAN JOURNAL OF FOOD SCIENCE, vol.18, no.3, pp.295-308, 2006 (SCI-Expanded)
- XXXIII. **Effects of a Combination of Niacin and Chromium(III)-Chloride on the Skin and Lungs of Hyperlipemic Rats**
PEKSEL A., Yesilyaprak B., Doger M., Arisan-Atac I.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.103, no.3, pp.249-260, 2005 (SCI-Expanded)
- XXXIV. **Effects of sucrose concentration during citric acid accumulation by Aspergillus niger**
PEKSEL A., Kubicek C. P.
TURKISH JOURNAL OF CHEMISTRY, vol.27, no.5, pp.581-590, 2003 (SCI-Expanded)
- XXXV. **C-13-NMR analysis of glucose metabolism during citric acid production by Aspergillus niger**
Peksel A., Torres N., Liu J., Juneau G., Kubicek C.
APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, vol.58, no.2, pp.157-163, 2002 (SCI-Expanded)

- I. **Poly(vinyl alcohol)-based Electrospun Nanofibers: Characterization and Phytase Immobilization**
DURU KAMACI Ü., PEKSEL A.
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.12, no.6, pp.7573-7583, 2022 (ESCI)
- II. **Optimization of Ultrasound-Assisted Extraction of Antioxidants from *Apium graveolens* L. Seeds using Response Surface Methodology**
DİNÇ ZOR Ş., Bat M., Peksel A., ALPDOĞAN G.
Journal of the Turkish Chemical Society, Section A:Turkish Journal of Chemistry, vol.4, no.3, pp.915-930, 2017 (Scopus)
- III. **New p-Substituted Salicylaldehyde Phenylhydrazone Derivatives: Synthesis, Characterization, and Antioxidant Activities**
Yörür Göreci Ç., Altaş N., Peksel A., Bilgin Eran B., Sönmez M.
Scientia Pharmaceutica, vol.82, pp.735-747, 2014 (Scopus)
- IV. **Evaluation of antioxidant and antifungal potential of *Asphodeus aestivus* Brot. Growing in Turkey**
PEKSEL A., ALTAŞ KIYMAZ N., İMAMOĞLU S.
JOURNAL OF MEDICINAL PLANTS RESEARCH, vol.6, no.2, pp.253-265, 2011 (Peer-Reviewed Journal)
- V. ***Aspergillus niger* kullanılarak sitrik asit üretimi sırasında bazı poliollerin verim üzerine etkisinin araştırılması**
PEKSEL A., Tokatman A. K., Arisan-Atac I.
Yıldız Teknik Üniversitesi Dergisi, vol.4, pp.1-6, 2003 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **Biyoteknolojinin Temel İlkeleri**
Arisan Ataç İ., Peksel A.
Yıldız Teknik Üniversitesi Basım Yayın Merkezi, İstanbul, 2006

Refereed Congress / Symposium Publications in Proceedings

- I. **The effect of different extraction methods on antioxidant activity of globe artichoke (*Cynara scolymus* L.)**
Akdoğan D., Peksel A.
21st JCF Frühjahrssymposium and 2nd European Young Chemists Meeting, Bremen, Germany, 20 - 23 March 2019, pp.73
- II. **Şalgam (*Brassica rapa* subsp. *rapa*) bitkisinin antioksidan aktivitesinin araştırılması**
Kocabaş A., Peksel A.
4th International Scientific Research Congress, Yalova, Turkey, 14 - 17 February 2019, pp.278
- III. **Immobilization and Characterization of *Rhizomucor miehei* lipase onto different supports**
ÖZDEMİR BABAVATAN E., BİNAY B., PEKSEL A.
1.EBAT Eurasia Biochemical Approaches and Technologies Congress, Antalya, Turkey, 27 - 30 October 2018, pp.113
- IV. **Synthesis, Photochemical and Voltammetric DNA Binding Study of Quinoline Substituted Water Soluble Phthalocyanines**
KESKİN B., PEKSEL A.
International Congress On Applied Science And Technology (ASTECH'2017), 17 - 20 April 2017, vol.1, pp.49
- V. ***Aspergillus niger*'de Fenol Hidroksilaz İndüksiyonu**
Bilgi M., Altaş N., Peksel A.
8. Ulusal Kimya Öğrenci Kongresi, İstanbul, Turkey, 16 - 18 May 2017, pp.75
- VI. **Voltammetric Determination of some Heavy metals using a carbon paste electrode modified with *aspergillus niger* loaded on TiO₂ nanoparticles**

Akdoğan D., CANKURTARAN H., PEKSEL A., ALPDOĞAN G.

3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017

- VII. **Optimization Of Ultrasound-Assisted Extraction Of Antioxidants From Fenugreek Seeds And Comparison With Conventional Method**
BAT M., PEKSEL A., DİNÇ ZOR Ş., ALPDOĞAN G.
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017, pp.57-58
- VIII. **Aril Substitue Trisiklik İmidlerin Sentezi ve Antioksidan Aktiviteleri**
KULU İ., GÜL M., ÖCAL SUNGURÖĞLU Z. N., PEKSEL A.
Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 March - 02 April 2017
- IX. **Yeni Suda Çözünür Magnezyum Ftalosiyanın Sentezi Karakterizasyonu ve DNA Bağlama Özelliğinin Araştırılması**
KESKİN B., Okuyucu O., DURU KAMACI Ü., Yılmaz G. D., PEKSEL A.
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016
- X. **Yeni Suda Çözünür Çinko Ftalosiyanın Sentezi Fotokimyasal ve DNA Bağlama Özelliklerinin İncelenmesi**
KESKİN B., Okuyucu O., DURU KAMACI Ü., PEKSEL A.
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Aydın, Turkey, 17 - 20 March 2016
- XI. **INVESTIGATION OF SOME PROPERTIES OF OLIVE MILL WASTEWATER IN OLIVE OIL INDUSTRY CHARACTERIZATION AND ECONOMIC USABILITY**
PEKSEL A., Babadostu A., ALTAŞ N.
16th EUROPEAN MEETING ON ENVIRONMENTAL CHEMISTRY, Torino, Italy, 30 November - 03 December 2015, pp.136
- XII. **OXIDATIVE BIOHYDROXYLATION OF PHENOLIC COMPOUNDS USING A NOVEL HYDROXYLASE OF ASPERGILLUS NIGER**
ALTAŞ N., BİLGİ M., YÖRÜR GÖRECI Ç., PEKSEL A.
1st INTERNATIONAL CONFERENCE ON GREEN CHEMISTRY AND SUSTAINABLE TECHNOLOGIES, İzmir, Turkey, 30 September - 03 October 2015, pp.99
- XIII. **ASPERGİLLUS NİGER PULLULANAZININ PEG-6000 İÇEREN KİTOSAN BONCUKLARA İMMOBİLİZASYONU**
DURU KAMACI Ü., PEKSEL A.
27.Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 August 2015, pp.346
- XIV. **ANTIOXIDANT CAPACITIES OF THE TRADITIONAL FERMENTED VEGETABLE BASED FOODS OF TURKEY**
PEKSEL A., ÖZDEMİR E.
III. WORLD CONGRESS OF PUBLIC HEALTH NUTRITION (NUTRITION 2014), Las Palmas de Gran Canaria, Spain, 9 - 12 November 2014, pp.113-114
- XV. **Immobilization of pullulanase on amberlite and investigation of some properties**
Altaş-Kıymaz N., PEKSEL A.
International "Enzymes for Biocatalysis" Workshop, 01 June 2014
- XVI. **Pullulanase immobilization using chitosan: Effect of immobilization conditions**
Altaş-Kıymaz N., PEKSEL A.
International "Enzymes for Biocatalysis" Workshop, 01 June 2014
- XVII. **Purification of pullulanase type debranching enzyme from globe artichoke**
ALTAŞ N., PEKSEL A.
International "Enzymes for Biocatalysis" Workshop, İstanbul, Turkey, 2 - 06 June 2014
- XVIII. **Partial purification and characterization of a novel debranching enzyme from Globe Artichoke (Cynara Scolymus-L.)**
Kıymaz N., PEKSEL A.

38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.175-176

- XIX. Partial purification and characterization of a novel debranching enzyme from Globe Artichoke *Cynara scolymus* L**
ALTAŞ N., PEKSEL A.
38th Federation of European Biochemical Societies (FEBS) Congress, St. Petersburg, Russia, 1 - 05 July 2013, pp.175-176
- XX. Atıkların Enzim Kaynağı Olarak Değerlendirilmesi ve İmmobilize Enzimlerin Avantajları**
Aslan A. S., Altaş-Kıymaz N., Orhan N., PEKSEL A.
YTÜ 3. Ar-Ge Proje Pazarı-Enerji Teknolojileri, İstanbul, pp.37, 01 May 2013
- XXI. Biyolojik Aktivite Gösterebilecek İzoksazol Substitue Trisiklik İmidlerin Sentezi ve Antioksidan Aktiviteleri**
Gül M., PEKSEL A., Öcal N.
1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, 01 March 2013
- XXII. *Hypocrea jecorina* QM9414 suşundan saflaştırılan pullulanazın immobilizasyonu ve bazı özelliklerinin incelenmesi**
Orhan N., Altaş-Kıymaz N., PEKSEL A.
26. Uluslararası Katılımlı Ulusal Kimya Kongresi, Fethiye-Muğla, 01 October 2012
- XXIII. Production and characterization of a novel pullulanase from *Hypocrea jecorina* QM9414**
PEKSEL A., Orhan N., Kıymaz N.
22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.340
- XXIV. Production and characterization of a novel pullulanase from *Hypocrea jecorina* QM9414**
PEKSEL A., Orhan N., Altaş-Kıymaz N.
22nd IUBMB/37th FEBS Congress, Seville-Spain, 01 September 2012, vol.279, pp.340
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