

SEYDE SEYHAN TÜKEL

PROF.

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Learning Knowledge

Post Graduate
1976 - 1979

Middle East Technical University, Fen Bilimleri Enstitüsü, Kimya, Turkey

Under Graduate
1971 - 1976

Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya, Turkey

Dissertations

Post Graduate, ESR studies of human whole blood, plasma and cellular fractions in frozen blood samples, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, 1979

Academic Titles / Tasks

Professor
1994 - Continues

Cukurova University, Fen-Edebiyat Fakültesi, Kimya

Associate Professor
1991 - 1994

Cukurova University, Fen-Edebiyat Fakültesi, Kimya

Assistant Professor
1989 - 1991

Cukurova University, Fen-Edebiyat Fakültesi, Kimya

Research Assistant
1983 - 1987

Cukurova University, Tıp Fakültesi, Temel Tıp Bilimleri

Research Assistant
1977 - 1981

Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya

Supported Projects

1. TÜKEL S. S., Varan N. E., Project Supported by Higher Education Institutions, L-LaktatDehidrogenazın Kovalent İmmobilizasyonu ve Karakterizasyonu, 2019 - Continues
2. TÜKEL S. S., YILDIRIM D., Project Supported by Higher Education Institutions, En-redüktaz enziminin polivinilalkol içerisinde immobilizasyonu, 2019 - Continues
3. BERBEROĞLU S., KARADAĞ F., TÜKEL S. S., Project Supported by Higher Education Institutions, Üniversitemiz Tüm Araştırma ve Eğitim Laboratuvarlarının Altyapısının Geliştirilmesi, 2018 - Continues
4. YILDIRIM D., TÜKEL S. S., ALAGÖZ D., TOPRAK A., Project Supported by Higher Education Institutions, En-redüktaz

Katalizli Alken İndirgenmesi, 2017 - Continues

5. TÜKEL S. S. , YILDIRIM D., TOPRAK A., Project Supported by Higher Education Institutions, Nitrilaz enziminin farklı destekler üzerine immobilizasyonu ve enantiyo saf mandelik asit ve türevlerinin sentezinde kullanılması, 2015 - Continues
6. TÜKEL S. S. , ERGÖÇEN G., YILDIRIM D., Project Supported by Higher Education Institutions, Çeşitli Lipazların Gözenekli Silika SBA15 Desteğine İmmobilizasyonu ve İmmobilize Lipazların Dokosaheksaenoik Asit ve Eikosapentaenoik Asitin Transesterifikasyonlarında Kullanımı, 2015 - Continues
7. TÜKEL S. S. , Can Ö., Project Supported by Higher Education Institutions, Kolorektal Kansere İlişkili miRNA'ların Ekspresyonu Üzerine Ülkemizde Yaygın Kullanılan Bitkilerin Etkisi., 2014 - Continues
8. TÜKEL S. S. , Project Supported by Higher Education Institutions, Çukurova Üniversitesi Araştırmacı Altyapısının Geliştirilmesi, 2014 - Continues
9. ALAGÖZ D., YILDIRIM D., TÜKEL S. S. , TOPRAK A., Project Supported by Higher Education Institutions, Laktat dehidrogenazın mezoporlu silika üzerine immobilizasyonu ve karakterizasyonu, 2018 - 2020
10. YILDIRIM D., TÜKEL S. S. , ALAGÖZ D., TOPRAK A., Project Supported by Higher Education Institutions, Ksilanazın glutaraldehit ile aktifleştirilmiş 3aminopropil silika üzerine immobilizasyonu, 2017 - 2019
11. TÜKEL S. S. , YILDIRIM D., ALAGÖZ D., TOPRAK A., Project Supported by Higher Education Institutions, Nitrilaz katalizli benzoilformik asit sentezi, 2017 - 2019
12. ALAGÖZ D., YILDIRIM D., TOPRAK A., TÜKEL S. S. , Project Supported by Higher Education Institutions, Rhizomucor miehei lipazının 3propilsülfonik asit ile türevleştirilmiş silika jel ve 3karboksipropil ile türevleştirilmiş silika jel üzerine immobilizasyonu ve karakterizasyonu, 2017 - 2018
13. TÜKEL S. S. , PAKSOY H. Ö. , AKILLI H., ESEN R., ÖZÇELİK B., EKİCİBİL A., EKŞİ A. K. , YILDIZ E., GÜZEL B., KARDAŞ G., et al., Project Supported by Higher Education Institutions, Temel ve Mühendislik Bilimlerinde Çeşitli Malzemelerin Fiziksel Özelliklerinin Araştırılabilmeleri için Gerek Duyulan Fiziksel Özellik Ölçüm Sistemi PPMS Physical Property Measurement Sisteminin Çukurova Üniversitesi Merkezi Araştırma Laboratuvarına Kazandırılması ve Malzeme Üretim Laboratuvarının Oluşturulması, 2015 - 2018
14. TÜKEL S. S. , YILDIRIM F., BERBEROĞLU S., Project Supported by Higher Education Institutions, Üniversitemiz Tüm Araştırma ve Eğitim Laboratuvarlarının Altyapısının Geliştirilmesi, 2015 - 2018
15. TÜKEL S. S. , Project Supported by Higher Education Institutions, Immobilization of hydroxynitrile lyase on montmorillonite for enantiopure mandelonitrile synthesis, 2017 - 2017
16. ALAGÖZ D., YILDIRIM D., TÜKEL S. S. , Project Supported by Higher Education Institutions, Immobilization and Characterization of Pectinase Using Florisil as a Support, 2016 - 2016
17. TÜKEL S. S. , YILDIRIM D., ALAGÖZ D., Project Supported by Higher Education Institutions, Prunus armeniaca Hidroksinitril Liyazının Proteinkaplı Mikrokristallerinin Hazırlanması ve Enantiyosaf Mandelonitril Sentezinde Kullanılması, 2015 - 2016
18. TÜKEL S. S. , Project Supported by Higher Education Institutions, Bilimsel Yayın Teşvik, 2014 - 2016
19. TÜKEL S. S. , Project Supported by Higher Education Institutions, Bilimsel Yayın Teşvik Desteği, 2014 - 2016
20. TÜKEL S. S. , Project Supported by Higher Education Institutions, Glukoamilaz (GA) ve Glukoz izomerazın (GI) birlikte çapraz bağlı enzim agregatları ile immobilizasyonu ve karakterizasyonu, 2013 - 2016
21. TÜKEL S. S. , Project Supported by Higher Education Institutions, B-Galaktozidazın Selit,Kitin,Kitosan ve Lewatit Üzerine İmmobilizasyonu ve İmmobilize B-Galaktozidazlar ile Galakto Oligosakkarit Sentezinin Yüzey Yanıt Yöntemi ile Optimizasyonu, 2011 - 2016
22. TÜKEL S. S. , Oğuz M., Project Supported by Higher Education Institutions, Limon Posasından Kimyasal Ve Enzimatik Yöntemle Pektin Eldesinin Optimizasyonu, 2014 - 2015
23. Tükel S. S. , Güzeler N., Alptekin Ö., TUBITAK Project, Katalazın Farklı Desteklere İmmobilizasyonu ve İmmobilize Katalazın Süt Endüstrisinde Kullanımının Araştırılması, 2006 - 2008
24. İBRİKÇİ T., TÜKEL S. S. , TUBITAK Project, İşlemsel ve İstatistiksel Akıllı Yöntemlerin Düzenli ve Düzensiz Yapılı Proteinlerin İşlevlerinin Tanımlanması ve Onarıcı İlaç Tasarımına Uygulanması, 2005 - 2007
25. Tükel S. S. , Özyılmaz G., Alptekin Ö., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Glukoz oksidaz ve Katalazın Ayrı Ayrı ve Birlikte İmmobilizasyonu ve Karakterizasyonu, 2002 - 2004
26. Tükel S. S. , Karaaltın S., Project Supported by Other Official Institutions, Kaliteli Makarnalık Buğday Üretiminin Geliştirilmesinde GAP Bölgesi Potansiyelini Değerlendirebilme Olanaklarının Araştırılması, 1998 - 2001

27. Tükel S. S. , TUBITAK Project, Ozonun eritrosit zarı Na-K ATPaz enzim aktivitesine etkisi ve etki mekanizmasının araştırılması, 1993 - 1995

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 1. Modified silicates and carbon nanotubes for immobilization of lipase from *Rhizomucor miehei*: Effect of support and immobilization technique on the catalytic performance of the immobilized biocatalysts**
Alagöz D., Toprak A., Yıldırım D., Tükel S. S. , Fernandez-Lafuente R.
Enzyme And Microbial Technology, vol.144, pp.109739, 2021 (Journal Indexed in SCI Expanded)
- 2. Stabilization of multimeric nitrilase via different immobilization techniques for hydrolysis of acrylonitrile to acrylic acid**
Toprak A., Tükel S. S. , Yıldırım D.
BIOCATALYSIS AND BIOTRANSFORMATION, 2020 (Journal Indexed in SCI)
- 3. Tuning dimeric formate dehydrogenases reduction/oxidation activities by immobilization**
YILDIRIM D., ALAGÖZ D., TOPRAK A., Tükel S., FERNANDEZ-LAFUENTE R.
Process Biochemistry, vol.85, pp.97-105, 2019 (Journal Indexed in SCI)
- 4. Improvement of activity and stability of *Rhizomucor miehei* lipase by immobilization on nanoporous aluminium oxide and potassium sulfate microcrystals and their applications in the synthesis of aroma esters**
YILDIRIM D., Baran E., Ateş S., Yazıcı B., TÜKEL S. S.
BIOCATALYSIS AND BIOTRANSFORMATION, vol.37, no.3, pp.210-223, 2019 (Journal Indexed in SCI)
- 5. Protein-coated microcrystals of *Prunus armeniaca* hydroxynitrile lyase: an effective and recyclable biocatalyst for synthesis of (R)-mandelonitrile**
YILDIRIM D., TOPRAK A., ALAGÖZ D., TÜKEL S. S.
CHEMICAL PAPERS, vol.73, no.1, pp.185-193, 2019 (Journal Indexed in SCI)
- 6. Covalent Immobilization and Characterization of a Novel Pullulanase from *Fontibacillus* sp Strain DSHK 107 onto FlorisilA (R) and Nano-silica for Pullulan Hydrolysis**
ALAGÖZ D., YILDIRIM D., Guvenmez H., SIHAY D., TÜKEL S. S.
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.179, no.7, pp.1262-1274, 2016 (Journal Indexed in SCI)
- 7. Covalent immobilization of *Candida methylca* formate dehydrogenase on short spacer arm aldehyde group containing supports**
ALAGÖZ D., Celik A., YILDIRIM D., TÜKEL S. S. , Binay B.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.130, pp.40-47, 2016 (Journal Indexed in SCI)
- 8. Immobilization of pectinase on silica-based supports: Impacts of particle size and spacer arm on the activity**
ALAGÖZ D., TÜKEL S. S. , YILDIRIM D.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.87, pp.426-432, 2016 (Journal Indexed in SCI)
- 9. Highly stable and reusable immobilized formate dehydrogenases: Promising biocatalysts for in situ regeneration of NADH**
Binay B., ALAGÖZ D., YILDIRIM D., Celik A., TÜKEL S. S.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.12, pp.271-277, 2016 (Journal Indexed in SCI)
- 10. Effects of 1-methylcyclopropene (1-MCP) and modified atmosphere packaging on postharvest storage quality of nectarine fruit**
ÖZKAYA O., YILDIRIM D., DÜNDAR Ö., TÜKEL S. S.
SCIENTIA HORTICULTURAE, vol.198, pp.454-461, 2016 (Journal Indexed in SCI)
- 11. Enantioselective Synthesis of Various Cyanohydrins Using Covalently Immobilized Preparations of Hydroxynitrile Lyase from *Prunus dulcis***
ALAGÖZ D., TÜKEL S. S. , YILDIRIM D.

- APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.177, no.6, pp.1348-1363, 2015 (Journal Indexed in SCI)
12. **Asymmetric ammonolysis of (R/S)-mandelic acid by immobilized lipases via direct amidation of mandelic acid in biphasic media**
YILDIRIM D., TÜKEL S. S.
BIOCATALYSIS AND BIOTRANSFORMATION, vol.32, pp.251-258, 2014 (Journal Indexed in SCI)
 13. **Crosslinked Enzyme Aggregates of Hydroxynitrile Lyase Partially Purified from Prunus dulcis Seeds and Its Application for the Synthesis of Enantiopure Cyanohydrins**
YILDIRIM D., TÜKEL S. S., ALAGÖZ D.
BIOTECHNOLOGY PROGRESS, vol.30, no.4, pp.818-827, 2014 (Journal Indexed in SCI)
 14. **Purification, immobilization and characterization of (R)-hydroxynitrile lyase from Prunus amygdalus turcomanica seeds and their applicability for synthesis of enantiopure cyanohydrins**
ALAGÖZ D., TÜKEL S. S., YILDIRIM D.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.101, pp.40-46, 2014 (Journal Indexed in SCI)
 15. **Optimization of immobilization conditions of Mucor miehei lipase onto Florisil via polysuccinimide spacer arm using response surface methodology and application of immobilized lipase in asymmetric acylation of 2-amino-1-phenylethanols**
YILDIRIM D., TÜKEL S. S., ALPTEKİN Ö., ALAGÖZ D.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.100, pp.91-103, 2014 (Journal Indexed in SCI)
 16. **Preparation of crosslinked enzyme aggregates (CLEA) of catalase and its characterization**
TÜKEL S. S., HÜRREM F., YILDIRIM D., ALPTEKİN Ö.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.97, pp.252-257, 2013 (Journal Indexed in SCI)
 17. **Optimization of lipase-catalyzed synthesis of fructose stearate using response surface methodology**
TUKEL S., SAHİN P. B., YILDIRIM D.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.41, no.5, pp.344-351, 2013 (Journal Indexed in SCI)
 18. **Immobilized Pseudomonas sp lipase: A powerful biocatalyst for asymmetric acylation of (+/-)-2-amino-1-phenylethanols with vinyl acetate**
YILDIRIM D., TÜKEL S. S.
PROCESS BIOCHEMISTRY, vol.48, pp.819-830, 2013 (Journal Indexed in SCI)
 19. **Immobilized Aspergillus niger epoxide hydrolases: Cost-effective biocatalysts for the preparation of enantiopure styrene oxide, propylene oxide and epichlorohydrin**
YILDIRIM D., TÜKEL S. S., ALPTEKİN Ö., ALAGÖZ D.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.88, pp.84-90, 2013 (Journal Indexed in SCI)
 20. **Covalent immobilization of catalase onto spacer-arm attached modified florisil: Characterization and application to batch and plug-flow type reactor systems**
ALPTEKİN Ö., TÜKEL S. S., YILDIRIM D., ALAGÖZ D.
ENZYME AND MICROBIAL TECHNOLOGY, vol.49, pp.547-554, 2011 (Journal Indexed in SCI)
 21. **Preparative-scale kinetic resolution of racemic styrene oxide by immobilized epoxide hydrolase**
YILDIRIM D., TÜKEL S. S., ALAGÖZ D., ALPTEKİN Ö.
ENZYME AND MICROBIAL TECHNOLOGY, vol.49, pp.555-559, 2011 (Journal Indexed in SCI)
 22. **Effects of Chloroform on the Activity of Na⁺-K⁺ ATPase, Catalase, Glutathione and Malondialdehyde Levels in Human Erythrocytes**
GUL S., BİLGİN R., TUKEL S.
ASIAN JOURNAL OF CHEMISTRY, vol.23, no.1, pp.166-168, 2011 (Journal Indexed in SCI)
 23. **Partial purification and immobilization of a new (R)-hydroxynitrile lyase from seeds of Prunus pseudoarmeniaca**
TÜKEL S. S., YILDIRIM D., ALAGÖZ D., ALPTEKİN Ö., YUCEBİLGİC G., BİLGİN R.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.66, pp.161-165, 2010 (Journal Indexed in SCI)
 24. **Purification and characterization of lipase from Spirulina platensis**
DEMİR B. S., TÜKEL S. S.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.64, pp.123-128, 2010 (Journal Indexed in SCI)

25. **Immobilization of catalase onto Eupergit C and its characterization**
ALPTEKİN Ö., TÜKEL S. S. , YILDIRIM D., ALAGÖZ D.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.64, pp.177-183, 2010 (Journal Indexed in SCI)
26. **Partial purification and immobilization of a novel (R)-hydroxynitrile lyase from seeds of *Prunus pseudoarmeniaca***
TÜKEL S. S. , Yildirim D., Alagoz D., Alptekin O., Bilgin R.
NEW BIOTECHNOLOGY, vol.25, 2009 (Journal Indexed in SCI)
27. **Characterization and properties of catalase immobilized onto controlled pore glass and its application in batch and plug-flow type reactors**
ALPTEKİN Ö., TÜKEL S. S. , YILDIRIM D., ALAGÖZ D.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.58, pp.124-131, 2009 (Journal Indexed in SCI)
28. **Catalytic efficiency of immobilized glucose isomerase in isomerization of glucose to fructose**
TÜKEL S. S. , ALAGÖZ D.
FOOD CHEMISTRY, vol.111, no.3, pp.658-662, 2008 (Journal Indexed in SCI)
29. **Immobilization and characterization of bovine liver catalase on eggshell**
ALPTEKİN Ö., TÜKEL S. S. , YILDIRIM D.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.73, no.6, pp.609-618, 2008 (Journal Indexed in SCI)
30. **Simultaneous and sequential co-immobilization of glucose oxidase and catalase onto florasil**
Ozyilmaz G., Tukul S. S.
JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY, vol.17, no.6, pp.960-967, 2007 (Journal Indexed in SCI)
31. **Kinetic properties and storage stability of catalase immobilized on to florasil**
Ozyilmaz G., Tukul S. S. , Alptekin O.
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.44, no.1, pp.38-43, 2007 (Journal Indexed in SCI)
32. **Simultaneous co-immobilization of glucose oxidase and catalase in their substrates**
Ozyilmaz G., Tukul S. S.
APPLIED BIOCHEMISTRY AND MICROBIOLOGY, vol.43, no.1, pp.29-35, 2007 (Journal Indexed in SCI)
33. **Response of catalase activity to Ag⁺, Cd²⁺, Cr⁶⁺, Cu²⁺ and Zn²⁺ in five tissues of freshwater fish *Oreochromis niloticus***
Atli G., Alptekin O., Tukul S., Canli M.
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, vol.143, no.2, pp.218-224, 2006 (Journal Indexed in SCI)
34. **Immobilization of soybean lipoxygenase onto polyacrylamide gel**
Karadağ H., BİLGİN R., TÜKEL S. S.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.20, no.2, pp.95-100, 2006 (Journal Indexed in SCI Expanded)
35. **Activity and storage stability of immobilized glucose oxidase onto magnesium silicate**
Özyilmaz G., Tukul S. S. , Alptekin O.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.35, pp.154-160, 2005 (Journal Indexed in SCI)
36. **Immobilization and kinetics of catalase onto magnesium silicate**
Tukul S. S. , Alptekin O.
PROCESS BIOCHEMISTRY, vol.39, no.12, pp.2149-2155, 2004 (Journal Indexed in SCI)
37. **Effects of lead on Na⁺-K⁺ ATPase and Ca²⁺ ATPase activities and lipid peroxidation in blood of workers**
Yucebilgic G., Bilgin R., Tamer L., Tukul S. S.
INTERNATIONAL JOURNAL OF TOXICOLOGY, vol.22, no.2, pp.95-97, 2003 (Journal Indexed in SCI)
38. **Effects of sulphhydryl compounds on the inhibition of erythrocyte membrane Na⁺-K⁺ ATPase by ozone**
Bilgin R., Gul S., Tukul S. S.
BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, vol.47, no.2, pp.227-232, 1999 (Journal Indexed in SCI)
39. **The effect of lead on sera malonyldialdehyde, vitamin C, vitamin E and erythrocyte reduced**

glutathione

Tamer L., Yucebiligic G., Bilgin R., Tanriverdi K., Tukul S.

BIOCHEMICAL ARCHIVES, vol.14, no.3, pp.207-210, 1998 (Journal Indexed in SCI)

40. **The changes of erythrocyte membrane Na⁺-K⁺ ATPase activities in subjects with normal and impaired glucose tolerance**
Bilgin R., Tukul S.
BIOCHEMICAL ARCHIVES, vol.12, no.3, pp.149-156, 1996 (Journal Indexed in SCI)
41. **Effects of glucose on the activity of erythrocyte membrane Ca(2+)ATPase in subjects with normal and impaired glucose tolerance**
Bilgin R., Tukul S. S.
BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, vol.39, no.3, pp.547-552, 1996 (Journal Indexed in SCI)
42. **EFFECTS OF ACETAMINOPHEN ON METHEMOGLOBIN, SUPEROXIDE-DISMUTASE AND NA⁺-K⁺ ATPASE ACTIVITIES OF HUMAN ERYTHROCYTES**
TUKEL S. S.
BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, vol.35, no.4, pp.719-724, 1995 (Journal Indexed in SCI)
43. **PLASMA COPPER LEVELS IN ANKYLOSING SPONDILITIS PATIENTS WITH CARDIOVASCULAR COMPLICATIONS**
ISBIR T., KEPEKCI Y., TAMER L., YUCEBILGIC G., DEMIRTAS M., TUKEL S., TAYLOR A., ISBIR M.
TRACE ELEMENTS AND ELECTROLYTES, vol.12, no.3, pp.119-121, 1995 (Journal Indexed in SCI)
44. **EFFECTS OF OZONE ON THE ACTIVITY OF ERYTHROCYTE-MEMBRANE NA⁺-K⁺ ATPASE**
TUKEL S. S. , BILGIN R., Gul S.
BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, vol.33, no.6, pp.1033-1040, 1994 (Journal Indexed in SCI)
45. **Effects of age and sex upon the activity erythrocyte membrane Na⁺-K⁺ ATPase**
Tükel S. S. , Bilgin R., Uygur H., İspir T.
Turkish Journal Of Medical Sciences, vol.20, pp.5-8, 1994 (Journal Indexed in SCI Expanded)
46. **KINETIC-PROPERTIES OF POTASSIUM STIMULATED ATPASE PURIFIED FROM GASTRIC-MUCOSA**
TUKEL S. S. , İsbir T.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.43, pp.609-612, 1988 (Journal Indexed in SCI)

Articles Published in Other Journals

1. **IMPROVING OF STABILITY OF FORMATE DEHYDROGENASE FROM *Candida methylica* BY IMMOBILIZATION ONTO EUPERGIT C 250 L**
ALAGÖZ D., BİNAY B., YILDIRIM D., TÜKEL S. S.
Bioteknologiya, no.1, pp.37-42, 2016 (Refereed Journals of Other Institutions)
2. **Eritrosit zarı CA²⁺ ATPaz enziminin kinetik özellikleri ve enzim aktivitesine peroksitlerin etkisi**
Bilgin R., Tükel S. S. , Pürçüklü S., Kızal M. F.
Erciyes Tıp Dergisi, vol.17, no.2, pp.122-126, 1995 (National Refreed University Journal)
3. **Action of maprotiline on the erythrocyte membrane Na⁺-K⁺/Mg⁺⁺ ATPase and Ca⁺⁺/Mg⁺⁺ ATPase in depressed patients.**
ISBIR T., UNAL M., YESILSOY C., Tukul S. S.
International journal of psychosomatics : official publication of the International Psychosomatics Institute, vol.34, pp.15-7, 1987 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- 1. Immobilization and stabilization of a NADP-dependent multimeric alcohol dehydro-genase from E.coli**
VARAN N. E. , ALAGÖZ D., TÜKEL S. S. , YILDIRIM D.
2. EURASIA BIOCHEMICAL APPROACHES TECHNOLOGIES (EBAT) CONGRESS, 26 - 29 October 2019
- 2. Characterization of Lactate Dehydrogenase Immobilized onto Mesoporous Silica**
ALAGÖZ D., YILDIRIM D., TOPRAK A., VARAN N. E. , TÜKEL S. S.
2. EURASIA BIOCHEMICAL APPROACHES TECHNOLOGIES (EBAT) CONGRESS, 26 - 29 October 2019
- 3. Levels of metabolic markers in the liver of rats with metabolic syndrome.**
ALPTEKİN Ö., TÜKEL S. S. , TURAN B., KUYUCU Y.
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), 28 - 29 June 2019
- 4. Levels of metabolic markers in the liver of rats with metabolic syndrome**
Alptekin Ö., Tükel S. S. , Turan B., Kuyucu Y.
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), Ankara, Turkey, 28 June - 29 July 2019, pp.78
- 5. Immobilisation and Stabilisation of Ene-reductase by Entrapment in Sol-Gel**
YILDIRIM D., TOPRAK A., ALAGÖZ D., TÜKEL S. S.
1. Euroasia Biochemical Approaches & Technologies Congress, Antalya, Turkey, 27 - 30 October 2018, pp.102
- 6. Immobilisation and Stabilisation of Ene-reductase by Entrapment in Sol-Gel**
YILDIRIM D., TOPRAK A., ALAGÖZ D., TÜKEL S. S.
1. Euroasia Biochemical Approaches & Technologies Congress, Antalya, Turkey, 27 - 30 October 2018, pp.102
- 7. FABRICATION OF NANOPOROUS ALUMINUM OXIDE MEMBRAN AS NEW SUPPORT FOR IMMOBILIZING LIPASE**
YILDIRIM D., Baran E., Ateş S., TÜKEL S. S. , YAZICI B.
5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2018), Nevşehir, Turkey, 4 - 06 October 2018, vol.1, pp.1
- 8. PCM Development Biomimicking Whale Blubber for Thermal Energy Storage**
Güngör Ö., Emir S., TÜKEL S. S. , BİLGİN R., PAKSOY H. Ö.
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- 9. FABRICATION OF NANOPOROUS ALUMINUM OXIDE MEMBRAN AS NEW SUPPORT FOR IMMOBILIZING LIPASE**
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2012 - 2020	Chairman of the BAP Committee	Cukurova University, Fen-Edebiyat Fakültesi, Kimya
2012 - 2020	Member of the Senate	Cukurova University, Fen-Edebiyat Fakültesi, Kimya
1989 - 2015	Head of Department	Cukurova University, Fen-Edebiyat Fakültesi, Kimya
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Research Areas

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