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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of lipopolysaccharide-polyoxidonium complexes and conjugates against the Q fever disease for application purpose of vaccine prototype**
Arayici P., Acar T., Karahan M., DERMAN S., Mustafaeva Z., Toman R.
Fresenius Environmental Bulletin, vol.29, no.12, pp.11349-11357, 2020 (SCI-Expanded)
- II. **An In vivo study: Adjuvant activity of poly-n-vinyl-2-pyrrolidone-co-acrylic acid on immune responses against Melanoma synthetic peptide**
Kızılbey K., MANSUROĞLU B., DERMAN S., AKDESTE Z.
BIOENGINEERED, vol.9, no.1, pp.134-143, 2018 (SCI-Expanded)
- III. **A new approach for development of vaccine against visceral leishmaniasis: Lipophosphoglycan and polyacrylic acid conjugates**
ALLAHVERDİYEV A., KOC R., BAĞIROVA M., Elcicek S., BAYDAR S. Y., OZTEL O. N., ABAMOR E. Ş., Ates S. C., TOPUZOĞULLARI M., Dincer S. I., et al.
ASIAN PACIFIC JOURNAL OF TROPICAL MEDICINE, vol.10, no.9, pp.877-886, 2017 (SCI-Expanded)
- IV. **Conjugation, characterization and toxicity of lipophosphoglycan-polyacrylic acid conjugate for vaccination against leishmaniasis**
TOPUZOĞULLARI M., Koc R., Isoglu S. D., BAĞIROVA M., Akdeste Z., Elcicek S., ÖZTEL O. N., Baydar S. Y., Ates S. C., ALLAHVERDİYEV A.
JOURNAL OF BIOMEDICAL SCIENCE, vol.20, 2013 (SCI-Expanded)
- V. **Protein-Polielektrolit Kompleks ve Konjugatlarının Yüksek Performanslı Sıvı Kromatografi Yöntemi ile İncelenmesi**
MANSUROĞLU B., Kızılbey K., Derman S., Akdeste Z.
Turkish Journal of Biochemistry, vol.36, no.1, pp.21-28, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Polimerik Nanopartiküller**
Derman S., Kızılbey K., Akdeste Z.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.31, no.1, pp.109-122, 2013 (Peer-Reviewed Journal)
- II. **Difficulties In Synthesis and Characterization of Viral Capsid Peptides**
Özdemir Z. Ö., Karabulut E., Topuzoğulları M., Akdeste Z.
Hacettepe Journal of Biology and Chemistry, vol.36, no.4, pp.329-337, 2008 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Yeni Kanser Aşı Stratejileri Geliştirilmesi: Küçük Hücreli Olmayan Akciğer Kanseri (NSCLC) Tedavisi**

İçin Peptid Temelli Aşılar

Özel C., Yücel S., Akdeste Z.

6. Ulusal Biyomühendislik Öğrenci Kongresi, İstanbul, Turkey, 05 April 2018, pp.39

- II. **The preparation of juglone nanostructures, coupled with magnetite nanoparticles, and investigation of their biological activity**
MAHARRAMOV A., akdeste z., DERMAN S., RAMAZANOV M., HASANOVA U., ARASOĞLU T., MANSUROĞLU B., AGHAYEV M., HAJIYEVA S.
Chemistry of Coordination Compounds: Actual Problems of Analytical Chemistry, 16 - 17 November 2017
- III. **Poly(?-caprolactone)-poly(ethylene glycol)-poly(?-caprolactone) (PCL-PEG-PCL) micelles for anti-cancer drug delivery in vitro'**
Gökçe Kocabay Ö., İSMAİL O., AKDESTE Z.
8th International Advanced Technologies Symposium (IATS'17), Elazığ, Turkey, 19 October 2017, pp.5-10
- IV. **Nanoteknolojide Peptitlerin Kullanımı**
AVERBEK S., YÜCEL S., ACAR T., MUSTAFAEVA Z.
V.Ulusal Nanoteknoloji Kongresi, İstanbul, Turkey, 09 March 2017
- V. **AMİLOİD BETA PEPTİDİNE AİT 1 21 DİZİSİNİN POLİAKRİLİK ASİT İLE SENTEZLENEN BİYOKONJUGATLARININ MTT YÖNTEMİ İLE MEME KANSERİ HÜCRESİNDEKİ ETKİLERİNİN İNCELENMESİ**
İŞCANI EROĞLU B., ÇAKIR KOÇ R., BAĞIROVA M., ALLAHVERDİYEV A., AKDESTE Z.
24. ULUSAL BİYOFİZİK KONGRESİ, Turkey, 25 - 28 September 2012
- VI. **Investigation of behavior of the conjugates between antigenic peptide from influenza A virus M2 protein and polyelectrolyte**
KILINÇ Y., Eroğlu B., AKDESTE Z.
36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 June 2011, pp.98
- VII. **Canine Parvovirus (CPV) VP2 Synthetic Peptide-Polyacrylic Acid Conjugates: Synthesis and Characterization with Chromatographic Method**
DERMAN S., AKDESTE Z.
36th FEBS Congress, Torino, Italy, 25 June 2011, pp.221
- VIII. **The Characterization of Bovine Serum Albumin Using Capillary Electrophoretic and Spectrofluorimetric Methods**
KILINÇ Y., ÖZÇİMEN D., AKDESTE Z.
BIOMED 2010, 16th International Biomedical Science and Technology Symposium, İstanbul, Turkey, 28 September 2010
- IX. **Synthesis And Characterization of Canine Parvovirus (CPV) VP2 71-20 Synthetic Peptide**
DERMAN S., Akdeste Z.
16th International Biomedical Science & Technology Symposium, 01 October 2010
- X. **Applicability of Capillary Electrophoresis for Proteins and Peptides**
KILINÇ Y., ÖZÇİMEN D., AKDESTE Z.
BIOMED 2010, 16th International Biomedical Science and Technology Symposium, Istanbul, 01 September 2010
- XI. **A Comparison of Various Characterization Techniques for Gama Globulin**
KILINÇ Y., ÖZÇİMEN D., AKDESTE Z.
BIOMED 2010, 16th International Biomedical Science and Technology Symposium, Istanbul, 01 September 2010
- XII. **Determination of Conjugation Ratio of Antigenic Peptide-Polyelectrolyte Conjugates by Fluorescence Spectroscopy**
KILINÇ Y., Özdemir Z. Ö., Karabulut E., AKDESTE Z.
XVI. International Symposium on Luminescence Spectrometry, Prag, Czech Republic, 13 July 2010, pp.180
- XIII. **Synthesis and physicochemical characterisation of hemoglobin anionic polyelectrolyte conjugates**
MANSUROĞLU B., DERMAN S., KIZILBEY K., Akdeste Z. M.
35th Congress of the Federation-of-European-Biochemical-Societies, Gothenburg, Sweden, 26 June - 01 July 2010, vol.277, pp.236
- XIV. **Fluorimetric investigation of polyelectrolyte-influenza virus antigen conjugates**

Kılınç Y., Özdemir Z. Ö., Topuzoğulları M., Karabulut E., Akdeste Z.

34th Congress of the Federation-of-European-Biochemical-Societies, Praha, Czech Republic, 04 July 2009, pp.302-303

- XV. **Interaction of bovine serum albumin-polyelectrolyte followed by a novel polarity sensor**
KILINÇ Y., AKDESTE Z., Erçelen Ş., Demchenko A.
34th Congress of the Federation-of-European-Biochemical-Societies, Prag, Czech Republic, 04 July 2009, pp.132
- XVI. **HPLC investigations of bovine serum albumin-VP/AA copolymer complexes and conjugates**
Kizilbey K., DERMAN S., MANSUROĞLU B., Akdeste Z. M.
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.146
- XVII. **Immunogenic Properties of VP1 Protein's Peptide Epitops of of Foot-and-Mouth Disease Virus (FMDV) Covalent Conjugates With Anionic N-Vinylpyrrolidone Copolymers**
MANSUROĞLU B., DERMAN S., Akdeste Z. M.
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.135-136
- XVIII. **Progesterone-containing polyelectrolyte complexes**
KIZILBEY K., DERMAN S., Akdeste Z. M.
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.318
- XIX. **Covalent conjugation of beta-estradiol with polymers by using thionyl chloride methods**
DERMAN S., Kizilbey K., Akdeste Z.
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.356
- XX. **Spectroscopic investigation of protein-anionic polyelectrolyte complexes and conjugates**
DERMAN S., Kizilbey K., MANSUROĞLU B., Akdeste Z.
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.135
- XXI. **HPLC and UV study of water soluble and insoluble complexes of human serum albumin with copolymer of VP/AA**
DERMAN S., KIZILBEY K., Akdeste Z.
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.136
- XXII. **Adjuvant properties of polyelectrolytes**
Mansuroğlu B., Derman S., Kizilbey K., Akdeste Z. M.
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.146
- XXIII. **Covalent Conjugation of Beta-Galactosidase Enzyme with Polyacrylic Acide**
DERMAN S., DEMİRHAN YILMAZ E., Akdeste Z., ÖZBEK B.
International Enzyme Engineering Symposium (IEES-08), Aydın, Turkey, 01 October 2008, vol.1, pp.75
- XXIV. **Covalent Conjugation of Beta-Galactosidase Enzyme with Copolymers of Acrylic Acid and N-Vinylpyrrolidine-2**
DERMAN S., DEMİRHAN YILMAZ E., Akdeste Z., ÖZBEK B.
International Enzyme Engineering Symposium (IEES-08), Aydın, Turkey, 01 October 2008, vol.1, pp.76
- XXV. **Covalent Conjugation of Galactosidase Enzyme with Polyacrylic Acide**
DERMAN S., YILMAZ E., AKDESTE Z., ÖZBEK B.
International Enzyme Engineering Symposium (IEES'08), 1 - 05 October 2008, pp.75
- XXVI. **Covalent Conjugation of Galactosidase Enzyme with Copolymers of Acrylic Acid and N Vinylpyrrolidine 2**
DERMAN S., YILMAZ E., AKDESTE Z., ÖZBEK B.
International Enzyme Engineering Symposium (IEES'08), 1 - 05 October 2008, pp.76
- XXVII. **Size and Zeta Potential Analysis of Synthetic Peptide-Carrier Protein Conjugates Depend on the Time**

DERMAN S., DALGAKIRAN E., AKDESTE Z.

30th European Peptide Symposium, Helsinki, Finland, 31 August 2008, pp.1-2

XXVIII. Microwave assisted Polyelectrolytic bioconjugates of Hepatitis B surface antigenic polypeptides and their immunological properties

AKDESTE Z., Özdemir Z. Ö., Karabulut E., KILINÇ Y.

30th European Peptide Symposium, Helsinki, Finland, 31 August 2008, pp.187

XXIX. The study of the interaction of bovine serum albumin with anionic polyelectrolytes by fluorescence method

KILINÇ Y., AKDESTE Z.

Joint Conference of the 33rd FEBS Congress/11th IUBMB Conference, Atina, Greece, 28 June 2008, pp.159

XXX. Polielektrolitlerin Sığır Serum Albumin ve İnsan Serum Albumin ile Etkileşiminin Floresans Yöntemi ile İncelenmesi

KILINÇ Y., AKDESTE Z., Mustafaev Akdeste M.

X. Ulusal Spektroskopi Kongresi, İzmir, Turkey, 04 July 2007, pp.158

Other Publications

I. Metal İçeren Biyopolimer Sistemler

Karahan M., KILINÇ Y., AKDESTE Z.

Other, pp.21-27, 2010

II. Moleküler Floresans Spektroskopisi ve Spektrofluorimetreler

KILINÇ Y., Karahan M., AKDESTE Z.

Other, pp.28-33, 2010

Metrics

Publication: 41

Citation (WoS): 36

Citation (Scopus): 88

H-Index (WoS): 3

H-Index (Scopus): 4

Non Academic Experience

Yıldız Teknik Üniversitesi

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