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Education Information

Doctorate, Akdeniz University, Institute of Science, Kimya Anabilim Dalı, Turkey 2012 - 2018

Postgraduate, Akdeniz University, Institute of Science, Kimya Anabilim Dalı, Turkey 2009 - 2012

Undergraduate, Bolu Abant İzzet Baysal University, Fen Edebiyat Fakültesi, Kimya (İngilizce), Turkey 2004 - 2009

Dissertations

Postgraduate, Spektrofotometrik metotla insan serum albumin proteini ile neohesperidin dihidrokalkon ve maprotilin hidroklorür arasındaki etkileşimlerin incelenmesi, Akdeniz University, Institute of Science, Kimya Anabilim Dalı, 2012

Research Areas

Chemistry, Analytical Chemistry, Spectroscopical Methods, Natural Sciences

Academic Titles / Tasks

Research Assistant, Akdeniz University, Institute of Science, Kimya Anabilim Dalı, 2010 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Removal of triphenylmethane and reactive azo dyes from aqueous solution by magnetic carbon nanotube-k-carrageenan-Fe₃O₄ nanocomposite**
DUMAN O., TUNÇ S., KANCI BOZOĞLAN B., GÜRKAN T.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.687, pp.370-383, 2016 (SCI-Expanded)
- II. **Synthesis of magnetic oxidized multiwalled carbonnanotube-?-carrageenan-Fe₃O₄ nanocomposite adsorbent and its application in cationic Methylene Blue dye adsorption**
DUMAN O., TUNÇ S., GÜRKAN T., KANCI BOZOĞLAN B.
CARBOHYDRATE POLYMERS, vol.147, pp.79-88, 2016 (SCI-Expanded)
- III. **Investigation of neohesperidin dihydrochalcone binding to human serum albumin by spectroscopic methods**
Bozoglan B. K., TUNÇ S., DUMAN O.
JOURNAL OF LUMINESCENCE, vol.155, pp.198-204, 2014 (SCI-Expanded)
- IV. **Spectroscopic investigation of the interactions of carbofuran and amitrol herbicides with human serum albumin**
TUNÇ S., DUMAN O., Soylu I., Bozoglan B. K.

JOURNAL OF LUMINESCENCE, vol.151, pp.22-28, 2014 (SCI-Expanded)

- V. **Study on the bindings of dichlorprop and diquat dibromide herbicides to human serum albumin by spectroscopic methods**

TUNÇ S., DUMAN O., Soylu I., Bozoglan B. K.

JOURNAL OF HAZARDOUS MATERIALS, vol.273, pp.36-43, 2014 (SCI-Expanded)

- VI. **Characterization of the Binding of Metoprolol Tartrate and Guaifenesin Drugs to Human Serum Albumin and Human Hemoglobin Proteins by Fluorescence and Circular Dichroism Spectroscopy**

DUMAN O., TUNÇ S., Bozoglan B. K.

JOURNAL OF FLUORESCENCE, vol.23, no.4, pp.659-669, 2013 (SCI-Expanded)

- VII. **Rheological measurements of Na-bentonite and sepiolite particles in the presence of tetradecyltrimethylammonium bromide, sodium tetradecyl sulfonate and Brij 30 surfactants**

TUNÇ S., DUMAN O., KANCI B.

COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.398, pp.37-47, 2012 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **An Investigation Of Substitution And Solvent Effects On Intramolecular Proton Transfer In Fluorophenyl derivatives Of (z)-2,4-di-tert-butyl-6-((phenyl)imino)methylphenol By Means Of Spectroscopic Measurements And Quantum Chemistry Calculations**

EROĞLU E., KANCI BOZOĞLAN B., YORULMAZ N., ŞENGÜL A.

III. International Turkish Congress on Molecular Spectroscopy, Muğla, Turkey, 26 - 29 August 2017

- II. **Use of Fluorescence, Synchronous Fluorescence and Circular Dichroism Spectroscopic Techniques in Protein-Herbicide Interactions: Binding of Dichlorprop and Diquat Dibromide to Human Serum Albumin**

TUNÇ S., DUMAN O., SOYLU İ., KANCI BOZOĞLAN B.

TURCMOS 2015 II. International Turkish Congress on Molecular Spectroscopy, Antalya, Turkey, 13 - 18 September 2015, pp.44

- III. **Spectroscopic Studies to Clarify the Interactions of Chloroquine Diphosphate and Phenelzine Sulfate Drugs with Human Serum Albumin**

KANCI BOZOĞLAN B., TUNÇ S., DUMAN O.

TURCMOS 2015 II. International Turkish Congress on Molecular Spectroscopy, Antalya, Turkey, 13 - 18 September 2015, pp.182

- IV. **Electrokinetic and rheological characterization of Na-bentonite suspensions containing cationic tetradecyltrimethylammonium bromide, anionic sodium tetradecyl sulfonate and nonionic Brij 30 surfactants**

KANCI BOZOĞLAN B., TUNÇ S., DUMAN O.

IUPAC 2013-44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1446

- V. **Spectroscopic investigation of Basic Red 9 and Acid Blue 25 dyes in hexadecyltrimethylammonium bromide micellar solution: Determination of binding constants, partition coefficients and thermodynamic parameters**

DUMAN O., TUNÇ S., KANCI BOZOĞLAN B.

IUPAC 2013-44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1447

- VI. **Spectroscopic Investigation of Basic Red 9 and Acid Blue 25 Dyes in Hexadecyltrimethylammonium Bromide Micellar Solution: Determination of Binding Constants, Partition Coefficients and Thermodynamic Parameters**

DUMAN O., KANCI BOZOĞLAN B., TUNÇ S.

IUPAC 2013-44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1447

- VII. **Spectroscopic Investigation of Basic Red 9 and Acid Blue 25 Dyes in Hexadecyltrimethylammonium Bromide Micellar Solution: Determination of Binding Constants, Partition Coefficients and**

Thermodynamic Parameters

DUMAN O., TUNÇ S., KANCI BOZOĞLAN B.

44th IUPAC World Chemistry Congress, Turkey, 1 - 04 August 2013, pp.1456

- VIII. **Electrokinetic and Rheological Characterization of Na-Bentonite Suspensions Containing Cationic Tetradecyltrimethylammonium Bromide, Anionic Sodium Tetradecyl Sulfonate and Nonionic Brij 30 Surfactants**
KANCI BOZOĞLAN B., TUNÇ S., DUMAN O.
44th IUPAC World Chemistry Congress, Turkey, 1 - 04 August 2013, pp.1455
- IX. **Basic Yellow 2 – sodium dioctylsulfosuccinate interaction within anionic surfactant micelle: A spectrophotometric study**
KANCI BOZOĞLAN B., TUNÇ S., DUMAN O.
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012, pp.73
- X. **Interactions Of Neohesperidin Dihydrochalcone And Maprotiline Hydrochloride With Human Serum Albumin Protein By Fluorescence And Circular Dichroism Spectroscopic Methods**
Kancı Bozoğlan B., Tunç S., Duman O.
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012, pp.72
- XI. **Basic Yellow 2 – sodium dioctylsulfosuccinate interaction within anionic surfactant micelle: A spectrophotometric study**
KANCI BOZOĞLAN B., TUNÇ S., DUMAN O.
8th Aegean Analytical Chemistry Days, Turkey, 1 - 04 September 2012, pp.73
- XII. **Basic Yellow 2 – sodium dioctylsulfosuccinate interaction within anionic surfactant micelle: A spectrophotometric study**
KANCI BOZOĞLAN B., TUNÇ S., DUMAN O.
8th Aegean Analytical Chemistry Days, Turkey, 1 - 04 September 2012, pp.73
- XIII. **Interactions of neohesperidin dihydrochalcone and maprotiline hydrochloride with human serum albumin protein by fluorescence and circular dichroism spectroscopic methods**
KANCI BOZOĞLAN B., TUNÇ S., DUMAN O.
8th Aegean Analytical Chemistry Days, Turkey, 1 - 04 September 2012, pp.72
- XIV. **Interactions of neohesperidin dihydrochalcone and maprotiline hydrochloride with human serum albumin protein by fluorescence and circular dichroism spectroscopic methods**
KANCI BOZOĞLAN B., TUNÇ S., DUMAN O.
8th Aegean Analytical Chemistry Days, Turkey, 1 - 04 September 2012, pp.72

Supported Projects

TUNÇ S., KANCI BOZOĞLAN B., Project Supported by Higher Education Institutions, Antifungal Özelliğe Sahip Kontrollü İlaç Salımı Gösteren ve Sıcaklığa Duyarlı Kitosan / Karboksimetil Selüloz / Skleroglukan Hidrojellerinin Hazırlanması ve Karakterizasyonu, 2015 - 2018

Metrics

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H-Index (Scopus): 5

Congress and Symposium Activities

- III. International Turkish Congress on Molecular Spectroscopy TURCMOS 2017, Attendee, Muğla, Turkey, 2017
- II. International Turkish Congress on Molecular Spectroscopy TURCMOS 2015, Attendee, Antalya, Turkey, 2015
- 44th IUPAC World Chemistry Congress, Attendee, İSTANBUL, Turkey, 2013
- 8th Aegean Analytical Chemistry Days, Attendee, İZMİR, Turkey, 2012