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Eğitim Bilgileri

Doktora, İstanbul Üniversitesi, Fen Bilimleri, Kimya, Türkiye 1995 - 2000

Yüksek Lisans, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Türkiye 1992 - 1994

Lisans, İstanbul Üniversitesi, Mühendislik Fakültesi , Kimya Mühendisliği, Türkiye 1986 - 1991

Sertifika, Kurs ve Eğitimler

Eğitim Yönetimi ve Planlama, Analytical Organic Mass Spectrometry, 2007 Pittsburg Conference & Exposition on Analytical Chemistry and Applied Spectroscopy, 2007

Eğitim Yönetimi ve Planlama, Interpretation of Electrospray Mass Spectra of Small Molecules, 2007 Pittsburg Conference & Exposition on Analytical Chemistry and Applied Spectroscopy, 2007

Araştırma Alanları

Kimya, Fizikokimya, Biyopolimerler ve uygulamaları, Nanokompozitler, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., İstanbul Üniversitesi, Mühendislik Fakültesi , Kimya, 2010 - Devam Ediyor

Doç.Dr., İstanbul Üniversitesi, Mühendislik Fakültesi, Kimya Bölümü, 2004 - 2010

Doç.Dr., University of Chicago, Department Of Human Genetics, Department Of Human Genetics, 2007 - 2007

Doç.Dr., University of Illinois at Chicago, Liberal Arts & Sciences, Chemistry, 2005 - 2006

Verdiği Dersler

Fiziksel Kimya I, Lisans, 2013 - 2014

Inorganic Industrial Chemistry, Lisans, 2013 - 2014

Fiziksel Kimya II, Lisans, 2013 - 2014

Nanochemistry, Lisans, 2013 - 2014

Fiziksel Kimyada Seçme Konular, Lisans, 2013 - 2014

Fiziksel Kimya I, Lisans, 2012 - 2013

Water and its technology, Lisans, 2012 - 2013

Inorganic Industrial Chemistry, Lisans, 2012 - 2013

Nanochemistry, Lisans, 2012 - 2013
Radyoaktif Maddelerin Adsorpsiyonu, Yüksek Lisans, 2012 - 2013
Fiziksel Kimya II, Lisans, 2012 - 2013
Surface Analysis Techniques, Lisans, 2012 - 2013
Yüzey Kaplama ve İnce Tabaka Depolama Teknikleri, Doktora, 2012 - 2013
Fiziksel Kimyada Seçme Konular, Lisans, 2012 - 2013
Yüzey Analizi Yöntemleri, Lisans, 2012 - 2013
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Fiziksel Kimya I, Lisans, 2012 - 2013
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Nanochemistry, Lisans, 2012 - 2013
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Yönetilen Tezler

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KİLİSLİOĞLU A., Uranyumun Aktifleştirilmiş Kıl Tarafından Adsorpsiyonu, Yüksek Lisans, G.Aras(Öğrenci), 2006

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- I. **Design, characterization and evaluation of the drug-loaded chitosan/cerium oxide nanoparticles with pH-controlled drug release**
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- II. **Improvement of mechanical strength of mortars by different morphological zinc oxide nanoparticles**
Yazgan A. U., KARAKUŞ S., Pehlivan A. O., Karapinar I. S., Ozbay A. E. O., Tasaltin N., Kilislioglu A.
MAGAZINE OF CONCRETE RESEARCH, cilt.74, sa.16, ss.836-849, 2022 (SCI-Expanded)
- III. **Preparation, characterization and evaluation of a novel CMC/Chitosan-alpha-Fe₂O₃ nanoparticles-coated 17-4 PH stainless-steel foam**
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- IV. **Mechanical Properties of Cement Mortars Incorporating Zero-Valent Iron Nanoparticles**
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- V. **Swelling behaviour, rheological property and drug release profile of the anti-inflammatory drug metamizole sodium from xanthan gum-ZnO nanoparticles**
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- VI. **The in-vivo assessment of Turkish propolis and its nano form on testicular damage induced by cisplatin**
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- VIII. **In-situ engineered MXene-TiO₂/BiVO₄ hybrid as an efficient photoelectrochemical platform for sensitive detection of soluble CD44 proteins**
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- IX. **K-carrageenan/PVA/nano-eggshell biocomposite-based non-enzymatic electrochemical biosensor for low-level urea detection**
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- X. **Comparative study on ultrasonic assisted adsorption of Basic Blue 3, Basic Yellow 28 and Acid Red 336 dyes onto hydromagnesite stromatolite: kinetic, isotherm and error analysis**
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Tatli Seven P., Seven I., KARAKUŞ S., Iflazoglu Mutlu S., Arkali G., Muge Sahin Y., Kilislioglu A.
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- XII. **Cu core shell nanosphere based electrochemical non-enzymatic sensing of glucose**
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- XIII. **Effect of Novel Synthesized Nanoeggshell on the Properties of Cementitious Composites**
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- XIV. **Flexible GO-CoPc and GO-NiPc nanocomposite electrodes for hybrid supercapacitors**
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- XV. **In Situ Growth of CuWO₄ Nanospheres over Graphene Oxide for Photoelectrochemical (PEC) Immunosensing of Clinical Biomarker**
Abbas Z., Soomro R. A., Kalwar N. H., Tunesi M., Willander M., Karakus S., Kilislioglu A.
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Tan E., KARAKUŞ S., POZAN SOYLU G. S., BIRER O., Zengin Y., KİLİSLİOĞLU A.
ULTRASONICS SONOCHEMISTRY, cilt.38, ss.720-725, 2016 (SCI-Expanded)
- XVIII. **Thermodynamics of Ion Exchange**
Kilislioglu A.
ION EXCHANGE TECHNOLOGIES, ss.3-6, 2012 (SCI-Expanded)
- XIX. **ION EXCHANGE TECHNOLOGIES Preface**
Kilislioglu A.
ION EXCHANGE TECHNOLOGIES, 2012 (SCI-Expanded)
- XX. **Adsorption of uranium from aqueous solution on heat and acid treated sepiolites**
Kilislioglu A., Aras G.
APPLIED RADIATION AND ISOTOPES, cilt.68, sa.10, ss.2016-2019, 2010 (SCI-Expanded)

- XXI. **Analysis of the degradation of a model dental composite**
Koin P. J., Kilislioglu A., Zhou M., Drummond J. L., Hanley L.
JOURNAL OF DENTAL RESEARCH, cilt.87, sa.7, ss.661-665, 2008 (SCI-Expanded)
- XXII. **Removal of uranium by the adsorbents produced from coffee residues**
Mahramanlioglu M., Bicer I. O., Misirli T., Kilislioglu A.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.273, sa.3, ss.621-624, 2007 (SCI-Expanded)
- XXIII. **Adsorption behavior of cesium on montmorillonite-type clay in the presence of potassium ions**
Atun G., Kilislioglu A.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.258, sa.3, ss.605-611, 2003 (SCI-Expanded)
- XXIV. **The effect of various cations and pH on the adsorption of U(VI) on Amberlite IR-118H resin**
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APPLIED RADIATION AND ISOTOPES, cilt.58, sa.6, ss.713-717, 2003 (SCI-Expanded)
- XXV. **The Adsorption Behavior of Natural Sand in Contact with Uranium Contaminated Seawater**
ATUN G., Kilislioglu A.
J of Environmental Sci. and Health Part A, cilt.237, sa.7, ss.1295-1305, 2002 (SCI-Expanded)
- XXVI. **Adsorption of uranium on halloysite**
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- XXVII. **Sorption of cesium on montmorillonite and effects of salt concentration**
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- II. **Adsorption from Binary Liquid Mixtures on Activated Chacoal Surfaces**
KİLİSLİOĞLU A.
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Kitap & Kitap Bölümleri

- I. **Comparative antibacterial effects of a Novel Copper and Silver based Core/Shell Nanostructure by Sonochemical Method**
KARAKUŞ S., TAN E., İLGAR M., BAŞDEMİR İ. S., KİLİSLİOĞLU A.
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New Trends in Ion Exchange Studies, Karakuş S., Editör, Intechopen, Rijeka, ss.1-15, 2018
- IV. **Molecular Self Assembly in Nanoscience and Nanotechnology**
KİLİSLİOĞLU A., KARAKUŞ S.

Intech, Rijeka, Croatia, 2017

- V. **Molecular Self-assembly in Nanoscience and Nanotechnology**
KİLİSLİOĞLU A., KARAKUŞ S.
Intechopen, Rijeka, Croatia, 2017
- VI. **Ion Exchange - Studies and Applications**
KİLİSLİOĞLU A.
Intech, Rijeka, 2015
- VII. **Fizikokimya**
AROĞUZ A. Z., Soydan B., Kilislioglu A., Saraç S., Yıldırım H., Bereket G.
Der Yayınları, İstanbul, 2013
- VIII. **Ion Exchange Technologies**
KİLİSLİOĞLU A.
Intech, Rijeka, 2012
- IX. **Thermodynamics of Ion Exchange**
KİLİSLİOĞLU A.
Ion Exchange Technologies, Kilislioglu A, Editör, Intech, Rijeka, ss.1-8, 2012
- X. **Yüzey Analizi Yöntemlerine Giriş**
KİLİSLİOĞLU A.
Express Basım, İstanbul, 2009
- XI. **PHOTOPHYSICS & MOLECULAR SPECTROSCOPY**
KİLİSLİOĞLU A.
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Preparation and characterization of Ceranib-2 anticancer drug delivery system based on Rosin Ester/PEG nanostructure**
Ben Taleb A., KARAKUŞ S., TAN E., İLGAR M., KİLİSLİOĞLU A.
6th International BAU Drug Design Congress, İstanbul, Türkiye, 13 - 15 Aralık 2018, ss.88
- II. **Drug Release Profile of Zinc Oxide Based Nanostructures**
TAN E., İLGAR M., KARAKUŞ S., KİLİSLİOĞLU A.
14th Nanoscience and Nanotechnology Conference, İzmir, Türkiye, 22 - 25 Eylül 2018, ss.1
- III. **Synthesis and Characterization of TiO₂/PEG Based Antibiotic Drug Nanocarrier**
İLGAR M., TAN E., KARAKUŞ S., KİLİSLİOĞLU A.
14th NANOSCIENCE AND NANOTECHNOLOGY CONFERENCE, İzmir, Türkiye, 22 - 25 Eylül 2018, ss.202
- IV. **Preparation, Characterization and Applications of Bio-Nanocomposites for Nanotechnology**
KİLİSLİOĞLU A.
Global Nanotechnology Congress and Expo, Dubai, Birleşik Arap Emirlikleri, 21 - 23 Nisan 2016, ss.75
- V. **Investigation of Chitosan/ZnO-Silica Bio-nanocomposite"**
TAN E., KARAKUŞ S., KİLİSLİOĞLU A.
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- VI. **Adsorption of Basic Yellow 28 onto Ternary Nanocomposite**
KARAKUŞ S., Akdüt G., ŞİŞMANOĞLU S., Ürk Ö., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.
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- VII. **Preparation of Biopolymer/Fe-Silica Bio-nanocomposite via sol-gel method**
KARAKUŞ S., ŞİŞMANOĞLU Z. T., POZAN SOYLU G. S., Tan E., Ürk Ö., Akdüt G., KİLİSLİOĞLU A.
International Symposium on Polymers from Renewable Resources, İstanbul, Türkiye, 08 Mayıs 2015, ss.49
- VIII. **Synthesis, Characterization And Antibacterial Activity Of A Novel Bio-Composite: Cmc-Chitosan /Fe-Sepiolite**

KARAKUŞ S., ŞİŞMANOĞLU Z. T., POZAN SOYLU G. S., Ürk Ö., TAN E., Akdüt G., KİLİSLİOĞLU A.

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IX. Dispersion And Characterization Of Copper Nanoparticles Inti Chitosan/Silica Matrix

KARAKUŞ S., ŞİŞMANOĞLU Z. T., Başdemir İ. S., Akdüt G., Ürk Ö., TAN E., KİLİSLİOĞLU A.

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X. Preparation Of Biopolymer/Fe-Silica Bio-Nanocomposite Via Sol-Gel Method

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XIII. Antibakteriyel Kitosan/Fe-Silika Nanobiyomalzemesi

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XIV. Antibakteriyel Acacia Senegal/Fe-Silika Nanobiyokompoziti

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XV. Development of a novel nano-biomaterial by dispersion of zero valent iron nanoparticles

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XIX. Preparation Of A Novel Nano Biomaterial By Dispersion Of Tio2 Nanoparticles Into Cmc/Sepiolite Surface

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