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Education Information

Doctorate, Istanbul University, Fen Bilimleri, Kimya, Turkey 1995 - 2000

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Kimya, Turkey 1992 - 1994

Undergraduate, Istanbul University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 1986 - 1991

Certificates, Courses and Trainings

Education Management and Planning, Analytical Organic Mass Spectrometry, 2007 Pittsburg Conference & Exposition on Analytical Chemistry and Applied Spectroscopy, 2007

Education Management and Planning, Interpretation of Electrospray Mass Spectra of Small Molecules, 2007 Pittsburg Conference & Exposition on Analytical Chemistry and Applied Spectroscopy, 2007

Research Areas

Chemistry, Physical Chemistry, Polymers and Their Applications, nanocomposites, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Mühendislik Fakültesi, Kimya, 2010 - Continues

Associate Professor, Istanbul University, Mühendislik Fakültesi, Kimya Bölümü, 2004 - 2010

Associate Professor, University of Chicago, Department Of Human Genetics, Department Of Human Genetics, 2007 - 2007

Associate Professor, University of Illinois at Chicago, Liberal Arts & Sciences, Chemistry, 2005 - 2006

Courses

Fiziksel Kimya I, Undergraduate, 2013 - 2014

Inorganic Industrial Chemistry, Undergraduate, 2013 - 2014

Fiziksel Kimya II, Undergraduate, 2013 - 2014

Nanochemistry, Undergraduate, 2013 - 2014

Fiziksel Kimyada Seçme Konular, Undergraduate, 2013 - 2014

Fiziksel Kimya I, Undergraduate, 2012 - 2013

Water and its technology, Undergraduate, 2012 - 2013

Inorganic Industrial Chemistry, Undergraduate, 2012 - 2013

Nanochemistry, Undergraduate, 2012 - 2013
Radyoaktif Maddelerin Adsorpsiyonu, Postgraduate, 2012 - 2013
Fiziksel Kimya II, Undergraduate, 2012 - 2013
Surface Analysis Techniques, Undergraduate, 2012 - 2013
Yüzey Kaplama ve İnce Tabaka Depolama Teknikleri, Doctorate, 2012 - 2013
Fiziksel Kimyada Seçme Konular, Undergraduate, 2012 - 2013
Yüzey Analizi Yöntemleri, Undergraduate, 2012 - 2013
Fiziksel Kimyada Seçme Konular, Undergraduate, 2012 - 2013
Fiziksel Kimya I, Undergraduate, 2012 - 2013
Fiziksel Kimya II, Undergraduate, 2012 - 2013
Nanochemistry, Undergraduate, 2012 - 2013
Inorganic Industrial Chemistry, Undergraduate, 2012 - 2013

Advising Theses

KİLİSLİOĞLU A., BİYOPOLİMER YÜZEYLERİNDE TiO_2 'İN NANO BOYUTTA DAĞITILMASI VE KARAKTERİZASYONU, Postgraduate, Ö.ÜRK(Student), 2015
KİLİSLİOĞLU A., ANTİBAKTERİYEL YENİ BİR NANO-BİYOKOMPOZİTİN HAZIRLANMASI VE YÜZEY KARAKTERİZASYONU, Postgraduate, E.TAN(Student), 2015
KİLİSLİOĞLU A., Yeni Bir Nano-Biyokompozitin Hazırlanması ve Karakterizasyonu, Postgraduate, İ.Sıtkı(Student), 2015
KİLİSLİOĞLU A., Antibakteriyel Özelliği Geliştirilmiş Yeni Bir Nano-Biyokompozitin Hazırlanması ve Karakterizasyonu, Doctorate, A.KOLAN(Student), 2015
KİLİSLİOĞLU A., Yeni Bir Antibiyotik Olan HEAA'nın Enterococcus-Faecalis V-583 Bakteri Biyofilmleri Üzerine Etkisinin İncelenmesi, Postgraduate, G.Uygur(Student), 2012
KİLİSLİOĞLU A., Uranyumun Aktifleştirilmiş Kıl Tarafından Adsorpsiyonu, Postgraduate, G.Aras(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design, characterization and evaluation of the drug-loaded chitosan/cerium oxide nanoparticles with pH-controlled drug release**
İLGAR M., KARAKUŞ S., Kilislioglu A.
POLYMER BULLETIN, vol.79, no.8, pp.6693-6708, 2022 (SCI-Expanded)
- 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, vol.74, no.16, pp.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**
KARAKUŞ S., Albayrak I., BEKÖZ ÜLLEN N., İNSEL M. A., Kilislioglu A.
POLYMER BULLETIN, vol.79, no.6, pp.4133-4151, 2022 (SCI-Expanded)
- IV. **Mechanical Properties of Cement Mortars Incorporating Zero-Valent Iron Nanoparticles**
Ozbay A. E. O., Karapinar I. S., Yazgan A. U., Pehlivan A. O., KARAKUŞ S., Tasaltin N., Kilislioglu A.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.34, no.1, 2022 (SCI-Expanded)
- V. **Swelling behaviour, rheological property and drug release profile of the anti-inflammatory drug metamizole sodium from xanthan gum-ZnO nanoparticles**
KARAKUŞ S., TAN E., İLGAR M., ŞAHİN Y. M., Mansuroglu D. S., Ismik D., Somroo R. A., Kilislioglu A.
POLYMER BULLETIN, vol.79, no.1, pp.357-380, 2022 (SCI-Expanded)
- VI. **The in-vivo assessment of Turkish propolis and its nano form on testicular damage induced by cisplatin**
SEVEN P. T., SEVEN İ., KARAKUŞ S., Mutlu S. I., KAYA Ş. Ö., Arkali G., İLGAR M., TAN E., ŞAHİN Y. M., Ismik D., et al.

JOURNAL OF INTEGRATIVE MEDICINE-JIM, vol.19, no.5, pp.451-459, 2021 (SCI-Expanded)

- VII. **Antitumor Efficacy of Ceranib-2 with Nano-Formulation of PEG and Rosin Esters**
Ben Taleb A., KARAKUŞ S., TAN E., İLGAR M., KUTLU Ö., Gozuacik D., Kutlu H. M., Kilislioglu A.
SUPRAMOLECULES IN DRUG DISCOVERY AND DRUG DELIVERY, vol.2207, pp.199-220, 2021 (SCI-Expanded)
- VIII. **In-situ engineered MXene-TiO₂/BiVO₄ hybrid as an efficient photoelectrochemical platform for sensitive detection of soluble CD44 proteins**
Soomro R. A., Jawaid S., Kalawar N. H., Tunesi M., KARAKUŞ S., Kilislioglu A., Willander M.
BIOSENSORS & BIOELECTRONICS, vol.166, 2020 (SCI-Expanded)
- IX. **K-carrageenan/PVA/nano-eggshell biocomposite-based non-enzymatic electrochemical biosensor for low-level urea detection**
Tasaltin N., Aydin E., KARAKUŞ S., Kilislioglu A.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.126, no.11, 2020 (SCI-Expanded)
- 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**
KARAKUŞ S., Tasaltin N., Tasaltin C., Kilislioglu A.
SURFACES AND INTERFACES, vol.20, 2020 (SCI-Expanded)
- XI. **Turkish Propolis and Its Nano Form Can Ameliorate the Side Effects of Cisplatin, Which Is a Widely Used Drug in the Treatment of Cancer**
Tatli Seven P., Seven I., KARAKUŞ S., Iflazoglu Mutlu S., Arkali G., Muge Sahin Y., Kilislioglu A.
PLANTS-BASEL, vol.9, no.9, 2020 (SCI-Expanded)
- XII. **Cu core shell nanosphere based electrochemical non-enzymatic sensing of glucose**
Tasaltin N., Tasaltin C., KARAKUŞ S., Kilislioglu A.
INORGANIC CHEMISTRY COMMUNICATIONS, vol.118, 2020 (SCI-Expanded)
- XIII. **Effect of Novel Synthesized Nanoeggshell on the Properties of Cementitious Composites**
Pehlivan A. O., KARAKUŞ S., Karapinar I. S., Ozbay A. E. O., Yazgan A. U., Tasaltin N., Kilislioglu A.
JOURNAL OF ADVANCED CONCRETE TECHNOLOGY, vol.18, no.5, pp.294-306, 2020 (SCI-Expanded)
- XIV. **Flexible GO-CoPc and GO-NiPc nanocomposite electrodes for hybrid supercapacitors**
Tasaltin N., Zirek Y., San M., Tasaltin C., KARAKUŞ S., Kilislioglu A.
PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES, vol.116, 2020 (SCI-Expanded)
- 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.
SENSORS, vol.20, no.1, 2020 (SCI-Expanded)
- XVI. **Functionalised CuO nanostructures for the detection of organophosphorus pesticides: A non enzymatic inhibition approach coupled with nano-scale electrode engineering to improve electrode sensitivity**
KARAKUŞ S., KİLİSLİOĞLU A., Tunesi M. M., ABRO M. I., KALWAR N. H., Soomro R. A.
Sensors & Actuators:SENSORS AND ACTUATORS B-CHEMICAL, vol.260, pp.480-489, 2018 (SCI-Expanded)
- XVII. **Formation and distribution of ZnO nanoparticles and its effect on E. coli in the presence of sepiolite and silica within the chitosan matrix via sonochemistry**
Tan E., KARAKUŞ S., POZAN SOYLU G. S., BIRER O., Zengin Y., KİLİSLİOĞLU A.
ULTRASONICS SONOCHEMISTRY, vol.38, pp.720-725, 2016 (SCI-Expanded)
- XVIII. **Thermodynamics of Ion Exchange**
Kilislioglu A.
ION EXCHANGE TECHNOLOGIES, pp.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, vol.68, no.10, pp.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, vol.87, no.7, pp.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, vol.273, no.3, pp.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, vol.258, no.3, pp.605-611, 2003 (SCI-Expanded)
- XXIV. **The effect of various cations and pH on the adsorption of U(VI) on Amberlite IR-118H resin**
Kilislioglu A.
APPLIED RADIATION AND ISOTOPES, vol.58, no.6, pp.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, vol.237, no.7, pp.1295-1305, 2002 (SCI-Expanded)
- XXVI. **Adsorption of uranium on halloysite**
Kilislioglu A., Bilgin B.
RADIOCHIMICA ACTA, vol.90, no.3, pp.155-160, 2002 (SCI-Expanded)
- XXVII. **Sorption of cesium on montmorillonite and effects of salt concentration**
KİLİSLİOĞLU A.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.211, no.2, pp.435-442, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **Laser desorption postionization mass spectrometry and x-ray surface scattering for the analysis of bacterial biofilms**
KİLİSLİOĞLU A.
Micro. & Microanal, vol.12, 2006 (Peer-Reviewed Journal)
- II. **Adsorption from Binary Liquid Mixtures on Activated Chacoal Surfaces**
KİLİSLİOĞLU A.
Physical Adsorption: Experiment, Theory and Applications, Kluwer Academic Publishers. Printed in the Netherlands, vol.55, pp.553-557, 1997 (Peer-Reviewed Journal)

Books & Book Chapters

- 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.
in: New Trends in Ion Exchange Studies, Karakuş S., Editor, Intechopen, Rijeka, pp.1-15, 2018
- II. **Comparative antibacterial effects of a Novel Copper and Silver based Core/Shell Nanostructure by Sonochemical Method**
KARAKUŞ S., TAN E., İLGAR M., Başdemir İ. S., KİLİSLİOĞLU A.
in: New Trends in Ion Exchange Studies, Karakuş, S., Editor, Intechopen, Rijeka, pp.1-15, 2018
- III. **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.
in: New Trends in Ion Exchange Studies, Karakuş S., Editor, Intechopen, Rijeka, pp.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.
in: Ion Exchange Technologies, Kilislioglu A, Editor, Intech, Rijeka, pp.1-8, 2012
- X. **Yüzey Analizi Yöntemlerine Giriş**
KİLİSLİOĞLU A.
Express Basım, İstanbul, 2009
- XI. **PHOTOPHYSICS & MOLECULAR SPECTROSCOPY**
KİLİSLİOĞLU A.
in: Experimental Physical Chemistry: A Laboratory Textbook, 2 Ed., Hanley L, Editor, University of Illinois Press, Champaign (IL), USA , Chicago, pp.1-14, 2005

Refereed Congress / Symposium Publications in Proceedings

- 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, Turkey, 13 - 15 December 2018, pp.88
- II. **Drug Release Profile of Zinc Oxide Based Nanostructures**
TAN E., İLGAR M., KARAKUŞ S., KİLİSLİOĞLU A.
14th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 22 - 25 September 2018, pp.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, Turkey, 22 - 25 September 2018, pp.202
- IV. **Preparation, Characterization and Applications of Bio-Nanocomposites for Nanotechnology**
KİLİSLİOĞLU A.
Global Nanotechnology Congress and Expo, Dubai, United Arab Emirates, 21 - 23 April 2016, pp.75
- V. **Investigation of Chitosan/ZnO-Silica Bio-nanocomposite"**
TAN E., KARAKUŞ S., KİLİSLİOĞLU A.
11th Nanoscience and Nanotechnology Conference (NanoTR-11), İstanbul, Turkey, 22 - 25 June 2015
- VI. **Adsorption of Basic Yellow 28 onto Ternary Nanocomposite**
KARAKUŞ S., Akdüt G., ŞİŞMANOĞLU S., Ürk Ö., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.
International Symposium on Polymers from Renewable Resources, İstanbul, Turkey, 08 May 2015, pp.16
- 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, Turkey, 08 May 2015, pp.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.
International Symposium on Polymers from Renewable Resources, İstanbul, Turkey, 08 May 2015, pp.52
- 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.
International Symposium on Polymers from Renewable Resources, İstanbul, Turkey, 08 May 2015, pp.37
- X. **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, Turkey, 08 May 2015, pp.49
- XI. **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.
International Symposium on Polymers from Renewable Resources, İstanbul, Turkey, 08 May 2015, pp.37
- XII. **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.
International Symposium on Polymers from Renewable Resources, İstanbul, Turkey, 08 May 2015, pp.52
- XIII. **Antibakteriyel Kitosan/Fe-Silika Nanobiyomalzemesi**
KARAKUŞ S., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.
Selçuk Üniversitesi TTO Patent Proje Pazarı, Konya, Turkey, 19 - 20 November 2014, pp.100
- XIV. **Antibakteriyel Acacia Senegal/Fe-Silika Nanobiyokompoziti**
KARAKUŞ S., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.
Selçuk Üniversitesi TTO Patent Proje Pazarı, Konya, Turkey, 19 - 20 November 2014, pp.100
- XV. **Development of a novel nano-biomaterial by dispersion of zero valent iron nanoparticles**
KARAKUŞ S., ŞİŞMANOĞLU Z. T., KOLAN A., KİLİSLİOĞLU A.
4th World Congress on Cancer Science Therapy, Chicago, United States Of America, 20 - 22 October 2014, vol.6, pp.10
- XVI. **Preparation of an Antibacterial Nano-Biocomposite by Dispersion of Ironoxide Nanoparticles into CMC” Selcan Karakuş, Tuba Şişmanoğlu, and Ayben Kilislioğlu,**
KARAKUŞ S., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.
XI. Kimyasal Fizik Kongresi, İstanbul, Turkey, 17 - 18 October 2014, pp.100
- XVII. **Preparation of a novel nano biomaterial by dispersion of ZnO nanoparticles into CMC/silica surface**
KARAKUŞ S., Tan E., Ürk Ö., KİLİSLİOĞLU A.
XI. Kimyasal Fizik Kongresi, İstanbul, Turkey, 17 - 18 October 2014, pp.100
- XVIII. **Preparation of a novel nano biomaterial by dispersion of ZnO nanoparticles into CMC/silica surface” Selcan Karakuş, Ezgi Tan, Öykü Ürk, Ayben Kilislioğlu,**
KARAKUŞ S., Tan E., Ürk Ö., KİLİSLİOĞLU A.
XI. Kimyasal Fizik Kongresi, İstanbul, Turkey, 17 - 18 October 2014, pp.100
- XIX. **Preparation Of A Novel Nano Biomaterial By Dispersion Of Tio2 Nanoparticles Into Cmc/Sepiolite Surface**
Ürk Ö., KARAKUŞ S., TAN E., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.
XI. Kimyasal Fizik Kongresi, İstanbul, Turkey, 17 - 18 October 2014, pp.100
- XX. **Preparation of an Antibacterial Nano-Biocomposite by Dispersion of Ironoxide Nanoparticles into CMC**
KARAKUŞ S., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.
XI. Kimyasal Fizik Kongresi, İstanbul, Turkey, 17 - 18 October 2014, pp.100
- XXI. **Preparation of a novel nano biomaterial by dispersion of TiO2 nanoparticles into CMC/sepiolite surface**
Ürk Ö., KARAKUŞ S., Tan E., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.
XI. Kimyasal Fizik Kongresi, İstanbul, Turkey, 17 - 18 October 2014, pp.100
- XXII. **“Preparation of a novel nano biomaterial by dispersion of TiO2 nanoparticles into CMC/sepiolite surface”, Öykü Ürk, Selcan Karakuş, Ezgi Tan, Tuba Şişmanoğlu and Ayben Kilislioğlu,**
Ürk Ö., KARAKUŞ S., TAN E., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.

- XI. Kimyasal Fizik Kongresil, İstanbul, Turkey, 17 - 18 October 2014, pp.100
- XXIII. **Preparation Of A Novel Nano Biomaterial By Dispersion Of Zno Nanoparticles Into Cmc/Silica Surface**
TAN E., KARAKUŞ S., Ürk Ö., KİLİSLİOĞLU A.
XI. Kimyasal Fizik Kongresi, İstanbul, Turkey, 17 - 18 October 2014, pp.100
- XXIV. **Development of a novel antibacterial nano-biomaterial by embedded zero valent iron nanoparticles**
KARAKUŞ S., ŞİŞMANOĞLU Z. T., KİLİSLİOĞLU A.
European Conference on Surface Science, Ecos 2014, Antalya, Turkey, 31 August - 05 September 2014, pp.100
- XXV. **Synthesis, characterization of an antibacterial Acecia Gum/Fe-silica nano-biocomposite**
KARAKUŞ S., ŞİŞMANOĞLU Z. T., Kolan A., KİLİSLİOĞLU A.
NanoTR10, 10 th Nanoscience and Nanotechnology Conference, İstanbul, Turkey, 17 - 21 June 2014, pp.100
- XXVI. **Dispersion of Silica Nanoparticles into Biopolymer Matrix**
KARAKUŞ S., TAN E., Ürk Ö., KİLİSLİOĞLU A.
NanoTR10, 10 th Nanoscience and Nanotechnology Conference,, İstanbul, Turkey, 17 - 21 June 2014, pp.100
- XXVII. **Preparation and Chracterization of TiO2 Nanoparticles in Chitosan**
KARAKUŞ S., Ürk Ö., TAN E., KİLİSLİOĞLU A.
NanoTR10, 10 th Nanoscience and Nanotechnology Conference,, İstanbul, Turkey, 17 - 21 June 2014
- XXVIII. **Dispersion of Silica Nanoparticles into Biopolymer Matrix**
KARAKUŞ S., Tan E., Ürk Ö., KİLİSLİOĞLU A.
NanoTR10, 10 th Nanoscience and Nanotechnology Conference, İstanbul, Turkey, 17 - 21 June 2014, pp.100
- XXIX. **The New Generation Polymeric Nanohybrid Materials for the Removal of Dye From Waste Water**
KARAKUŞ S., Kışmir Y., KİLİSLİOĞLU A.
he International Advances in Applied Physics and Materials Science Congress- Exhibition, APMAS2014, Muğla, Turkey, 24 - 27 April 2014, pp.100
- XXX. **Preparation And Characterization Of Copper Nanoparticles In A Biopolymer Matrix**
KARAKUŞ S., Kışmir Y., TAN E., KİLİSLİOĞLU A.
The International Advances in Applied Physics and Materials Science Congress- Exhibition, APMAS2014, Antalya, Turkey, 24 - 27 April 2014, pp.88
- XXXI. **Preparation and Characterization of Copper nanoparticles in a Biopolymer Matrix**
KARAKUŞ S., KİŞMİR Y., TAN E., KİLİSLİOĞLU A.
The International Advances in Applied Physics and Materials Science Congress- Exhibition, APMAS2014, Antalya, Turkey, 24 April - 27 May 2014, pp.88
- XXXII. **Preparation and Characterization of Alginate/acid activated Zeolite Nanobeads**
KARAKUŞ S., KİŞMİR Y., KİLİSLİOĞLU A., ŞİŞMANOĞLU Z. T., AROĞUZ A. Z.
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- XXXIII. **Preparation and characterization of silver modified chitosan/sepiolite nano biocomposite**
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KİLİSLİOĞLU A., Project Supported by Higher Education Institutions, ANTİBAKTERİYEL ÖZELLİĞİ GELİŞTİRİLMİŞ YENİ BİR NANO-BİYOMALZEMENİN HAZIRLANMASI VE KARAKTERİZASYONU, 2012 - 2015

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KİLİSLİOĞLU A., Project Supported by Higher Education Institutions, GÜMÜŞ NANOTANECİK KATKILI BİYOPOLİMER /KİL NANO BİYOKOMPOZİTİNİN ANTİBAKTERİYEL ÖZELLİĞİNİN İNCELENMESİ, 2011 - 2012

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Memberships / Tasks in Scientific Organizations

American Vacuum Society, Member, 2009 - Continues

Metrics

Publication: 79
Citation (WoS): 165
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Congress and Symposium Activities

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1st International Nuclear Chemistry Congress, Attendee, Kuşadası, Turkey, 2005

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