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International Researcher IDs

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Yoksis Researcher ID: 105436

Dissertations

Doctorate, Bazı maleik anhidrit kopolimerlerinin antineoplastik ajanlarlatürevlendirilmesi ve karakterizasyonu, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2010

Postgraduate, İkinci ve üçüncü periyot AH2 ve AH3 tip moleküllerinin fiziksel sabitlerinin molekülerorbital kuramla hesaplanması, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2005

Research Areas

Health Sciences, Natural Sciences

Academic and Administrative Experience

Sivas Cumhuriyet Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2016 - Continues

Sivas Cumhuriyet Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2013 - Continues

Courses

Polimer Kimyasına Giriş, Undergraduate, 2019 - 2020

Polimerik İlaç sistemleri, Undergraduate, 2018 - 2019

Organik Kimya, Undergraduate, 2018 - 2019

Organik Kimya - I, Undergraduate, 2019 - 2020

Temel Laboratuvar Bilgisi, Undergraduate, 2019 - 2020

Araştırma Projesi Dersi - I, Undergraduate, 2019 - 2020

Araştırma Projesi Uygulama Dersi - II, Undergraduate, 2018 - 2019

Farmasötik Kimya - II, Undergraduate, 2016 - 2017

Polimerik İlaç Sistemleri (Seçmeli), Undergraduate, 2016 - 2017

Polimerik İlaç Sistemleri, Undergraduate, 2016 - 2017

Farmasötik Kimya - I, Undergraduate, 2016 - 2017

Farmasötik Kimya - III, Undergraduate, 2016 - 2017

Organik Kimya, Undergraduate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of the Anticancer and Biological Activities of Istaroxime via Ex Vivo Analyses, Molecular Docking and Conceptual Density Functional Theory Computations.**
Gok E., Unal N., Gungor B., KARAKUŞ G., BATIR G. G., CANTÜRK P., Katin K. P.
Molecules (Basel, Switzerland), vol.28, no.22, 2023 (SCI-Expanded)
- II. **Decoration, Characterization and Antimicrobial Activity Evaluation of Novel Nano-Based 1,2-Phenylenediamine Functionalized Maleic Anhydride-Allylphenyl Ether Conjugate**
KARAKUŞ G., ATAŞ M.
ChemistrySelect, vol.8, no.37, 2023 (SCI-Expanded)
- III. **Design, fabrication, and characterization of o-phenylenediamine surface-conjugated carbon quantum nanodots as a potential new bioactive formulation**
KARAKUŞ G.
Applied Nanoscience (Switzerland), vol.13, no.9, pp.6667-6696, 2023 (SCI-Expanded)
- IV. **Design, fabrication and characterization of silane tailored surface of halloysite based polymer nanocomposites**
Uner G., KARAKUŞ G., KAPLAN CAN H.
Polymer Composites, vol.44, no.2, pp.1305-1330, 2023 (SCI-Expanded)
- V. **Synthesis, structural characterization, thermal behavior and cytotoxic/antiproliferative activity assessments of poly(maleic anhydride-alt-acrylic acid)/hydroxyurea polymer/drug conjugate**
KARAKUŞ G., KAPLAN CAN H., YAĞLIOĞLU A. Ş.
JOURNAL OF MOLECULAR STRUCTURE, vol.1210, 2020 (SCI-Expanded)
- VI. **Synthesis, structural characterization, and antiproliferative/cytotoxic effects of a novel modified poly(maleic anhydride-co-vinyl acetate)/doxorubicin conjugate**
Karakuş G., Ece A., Yağlıoğlu A. Ş., Zengin H., Karahan M.
POLYMER BULLETIN, vol.74, no.6, pp.2159-2184, 2017 (SCI-Expanded)
- VII. **Zetasizer measurements of copolymer-drug carrier system: poly (maleic anhydrite-co-vinyl acetate)-acriflavine conjugate**
Şakar Daşdan D., Dizdar A., Karakuş G.
BULGARIAN CHEMICAL COMMUNICATIONS, vol.49, pp.43-49, 2017 (SCI-Expanded)
- VIII. **Synthesis, characterization and in vitro antibacterial assessments of a novel modified poly[maleic anhydride-alt-acrylic acid]/acriflavine conjugate**
KAPLAN CAN H., KARAKUŞ G., TUZCU N.
POLYMER BULLETIN, vol.71, no.11, pp.2903-2921, 2014 (SCI-Expanded)
- IX. **Sequential determination of serum viral titers, virus-specific IgG antibodies, and TNF-alpha, IL-6, IL-10, and IFN-gamma levels in patients with Crimean-Congo hemorrhagic fever**
Kaya S., Elaldı N., Kubar A., Gürsoy N., Yılmaz M., Karakuş G., Güneş T., Polat Z., Gözel M. G., Engin A., et al.
BMC INFECTIOUS DISEASES, vol.14, 2014 (SCI-Expanded)
- X. **Cytotoxicity of three maleic anhydride copolymers and common solvents used for polymer solvation**
KARAKUŞ G., Zengin H., Polat Z., YENİDÜNYA A. F., Aydın S.
POLYMER BULLETIN, vol.70, no.5, pp.1591-1612, 2013 (SCI-Expanded)
- XI. **Synthesis, characterization and cytotoxicity of novel modified poly[(maleic anhydride)-co-(vinyl acetate)]/noradrenaline conjugate**
KARAKUŞ G., Polat Z., YENİDÜNYA A. F., Zengin H., Karakus C. B.
POLYMER INTERNATIONAL, vol.62, no.3, pp.492-500, 2013 (SCI-Expanded)
- XII. **Concentration modulated skin marker for radiotherapy treatment planning process**
ÖZGÜVEN Y., YÜCEL B., ÖZYÜREK B., KARAKUŞ G., Ozguven Y.
PHYSICA MEDICA-EUROPEAN JOURNAL OF MEDICAL PHYSICS, vol.29, no.2, pp.196-203, 2013 (SCI-Expanded)
- XIII. **Cytotoxic effect of acriflavine against clinical isolates of Acanthamoeba spp.**
Polat Z., KARAKUŞ G.
Parasitology research, vol.112, no.2, pp.529-33, 2013 (SCI-Expanded)

- XIV. **The effects of therapeutic x-ray doses on mechanical, chemical and physical properties of poly methyl methacrylate**
Dogan D., ÖZGÜVEN Y., KARAKUŞ G., ŞAHİN O., Polat N. T., YÜCEL B., Dogan M.
ACTA ODONTOLOGICA SCANDINAVICA, vol.71, no.1, pp.45-49, 2013 (SCI-Expanded)
- XV. **Synthesis, characterization, and assessment of cytotoxic, antiproliferative, and antiangiogenic effects of a novel procainamide hydrochloride-poly(maleic anhydride-co-styrene) conjugate.**
KARAKUŞ G., Polat Z., YAĞLIOĞLU A. Ş., KARAHAN M., YENİDÜNYA A. F.
Journal of biomaterials science. Polymer edition, vol.24, no.10, pp.1260-76, 2013 (SCI-Expanded)
- XVI. **Modification of Maleic Anhydride-Styrene Copolymer with Noradrenaline by Chemical and Enzymatic Methods**
KARAKUŞ G., YENİDÜNYA A. F., Zengin H., Polat Z.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.122, no.4, pp.2821-2828, 2011 (SCI-Expanded)
- XVII. **Amoebicidal Effect of Poly Maleic Anhydride Co Vinyl Acetate Copolymer on Entamoeba Histolytica Trophozoites**
KARAKUŞ G., YENİDÜNYA A. F., Zengin H. B., MALATYALI E., ÖZÇELİK S.
Medicinal Chemistry, vol.1, no.1, 2011 (SCI-Expanded)
- XVIII. **Effect of bile duct obstruction on the biliary secretion of meropenem in rats**
Elaldi N., Soydan S., Turan M., Duman M., Goktas S., Topcu O., Karakus G.
CHIRURGISCHE GASTROENTEROLOGIE, vol.21, no.3, pp.280-284, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Silver Nanoparticles Capped with Poly[(maleic anhydride)-co-(vinyl acetate)]**
Ayas G., Karakus G.
Cumhuriyet Science Journal, vol.44, no.1, pp.112-119, 2023 (Peer-Reviewed Journal)
- II. **Design, Synthesis and Characterization of 1,2-Phenylenediamine Functionalized Poly (Maleic Anhydride-alt-Vinyl Acetate) as a Potential New Bioactive Formulation**
Karakuş G.
Hittite Journal of Science and Engineering, vol.9, no.4, pp.305-311, 2022 (Peer-Reviewed Journal)
- III. **Investigation of Antimicrobial and Anticancer Effects of Mava-Cytarabine Polymer Drug Conjugate**
Tunç T., Karakuş G., Sümer Z., Hepokur C.
INTERNATIONAL REFEREED ACADEMIC JOURNAL OF SPORTS, HEALTH AND MEDICAL SCIENCES, 2019 (Peer-Reviewed Journal)
- IV. **Cytotoxic and apoptotic effects of Poly(maleic anhydride-co-vinyl acetate) drug carrier copolymer on MCF-7 and MDA-MB-231 breast cancer cells**
ŞAHİN İNAN Z. D., ŞAHİN BÖLÜKBAŞI S., KARAKUŞ G.
Cumhuriyet Tıp Dergisi (ELEKTRONİK), vol.41, pp.477-483, 2019 (Peer-Reviewed Journal)
- V. **Design, synthesis, structural characterization and cell cytotoxicity of a new derivative poly(maleic anhydride-co-vinyl acetate)/miltefosine polymer/drug conjugate**
KARAKUŞ G., AKIN POLAT Z., KARAHAN M.
Bulgarian Chemical Communications, vol.51, no.2, pp.267-278, 2019 (Scopus)
- VI. **Particle size prediction of copolymer-drug conjugate using partial least squares regression**
NOYAN TEKELİ F., ŞAKAR DAŞDAN D., KARAKUŞ G.
Bulgarian Chemical Communications, vol.50, pp.18-24, 2018 (Scopus)
- VII. **Synthesis Structural Characterization and Water Solubility of a Novel Modified Poly maleic anhydride co vinyl acetate Acriflavine Conjugate**
KARAKUŞ G.
Hacettepe Journal of Biology and Chemistry, vol.44, no.4, pp.549-558, 2016 (Peer-Reviewed Journal)
- VIII. **Synthesis characterization and antiproliferative activities of novel modified poly maleic anhydride co vinyl acetate cytosine Darabinofuranoside hydrochloride conjugate**

KARAKUŞ G., ŞAHİN YAĞLIOĞLU A., ZENGİN H., KARAKUŞ N.

MARMARA PHARMACEUTICAL JOURNAL, vol.1, no.19, pp.73-81, 2015 (Scopus)

IX. Derivatization of Some Maleic Anhydride Containing Copolymers with Amine Functionalized Pharmaceutical Active Substances, Structural Characterizations and Biological Activities

Karakus G.

MARMARA PHARMACEUTICAL JOURNAL, vol.19, no.2, pp.121-125, 2015 (ESCI)

X. Synthesis, characterization and antiproliferative activities of novel modified poly (maleic anhydride-co-vinyl acetate)/cytosine beta-D-arabinofuranoside hydrochloride conjugate

KARAKUŞ G., YAĞLIOĞLU A. Ş., Zengin H. B., KARAKUŞ N.

MARMARA PHARMACEUTICAL JOURNAL, vol.19, no.1, pp.73-81, 2015 (ESCI)

XI. Acanthamoeba suşlarının trofozoit ve kistleri üzerine poli(maleik anhidrit-ko-vinil asetat) kopolimerinin in vitro amobisidal aktivitesi

KARAKUŞ G., MALATYALI E., ZENGİN H. B., DEĞERLİ S.

Basic and Clinical Sciences, vol.2, pp.1-14, 2013 (Peer-Reviewed Journal)

XII. In vitro amoebicidal activity of poly maleic anhydrideco vinyl acetate copolymer on Acanthamoeba spp trophozoites and cysts

KARAKUŞ G., MALATYALI E., Zengin H. B., DEĞERLİ S.

Basic and Clinical Science, vol.2, pp.1-14, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

I. What are Polymeric Carriers

Karakuş G., Şakar Daşdan D.

in: Synthetic peptide Vaccine Modals, Karahan Mesut, Editor, CRC NewYork (CRC Press Taylor&Francis Group), Florida, pp.61-69, 2021

II. Topikal İlaçların Etkinliklerinin Belirlenmesi

Berksoy Hayta S., Karakuş G.

in: Türkiye Klinikleri-Dermatoloji-Dermatolojide Topikal İlaç Geliştirilmesi, Prof. Dr. Melih AKYOL, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.11-17, 2020

Refereed Congress / Symposium Publications in Proceedings

I. Co-polymer drug conjugates cytotoxicity, antitumor, antimicrobial activities on MG-63 bone cancer cell lines

GEDİK T. N., POYRAZ Ö., TUNÇ T., KARAKUŞ G.

The 13th International Conference of the Asian Clinical Oncology Society, Chiang-Mai, Thailand, 23 - 25 February 2018, pp.181

II. Determination of mechanisms of amide and imide derivative of maleic anhydride-alt-styrene copolymer by using TGA-FTIR analysis

ZENGİN H., KARAKUŞ G.

I. International Scientific and Vocational Studies Congress, Nevşehir/ Ürgüp, Turkey, 5 - 08 October 2017

III. Determination of Mechanisms Amide and Imide Derivatives of Maleic Anhydride-alt-Styrene Copolymer by Using TGA-FTIR Analyzes.

ZENGİN H. B., KARAKUŞ G.

BİLMESZENGİN HACI BAYRAM, KARAKUŞ GÜLDEREN (2017). Characterization of Amide and Imide Derivatives of Maleic Anhydride-alt-Styrene Copolymer by Using TGA-FTIR Analyzes. I. International Scientific and Vocational Studies Congress (BILMES 2017), 5-8 Oct, Nevşehir, TURKEY., 5 - 08 October 2017

IV. Simple Structural Characterization Method for (Maleic Anhydride-Co-Vinyl Acetate)/Doxorubicin Conjugate

KARAKUŞ G., COŞKUN G. P.

BIOMED 2017 22ND INTERNATIONAL BIOMEDICALSCIENCE TECHNOLOGY SYMPOSIUM, Ankara, Turkey, 12 - 14 May 2017

- V. **In-vitro Effects of Modified Product MAVA/HX Copolymer/Drug Conjugate on T. Vaginalis and Acanthamoeba Species**
Karakuş G., Akın Polat Z.
BIOMED 2017 The 22nd International Biomedical Science and Technology Symposium, Ankara, Turkey, 12 - 14 May 2017
- VI. **ZETASIZER MEASUREMENTS OF POLYMER-DRUG DELIVERY SYSTEM: POLY (MALEIC ANHYDRITE-CO-VINYL ACETATE) -ACRIFLAVINE CONJUGATE**
ŞAKAR DAŞDAN D., DİZDAR A., KARAKUŞ G.
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017, pp.103
- VII. **ZETASIZER MEASUREMENTS OF POLYMERS**
GUNGOR G., TOSUN G., KARAHAN Y., ŞAKAR DAŞDAN D., KARAKUŞ G.
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017, pp.69
- VIII. **AN INVESTIGATION ON THE STABILITY BEHAVIOUR OF POLY(MALEIC ANHYDRITE-CO-METHYL METHACRYLATE) COPOLYMER IN DIFFERENT pHs and MEDIUMS**
KARAHAN Y., TOSUN G., ŞAKAR DAŞDAN D., KARAKUŞ G.
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017, pp.63
- IX. **An Investigation on the Stability Behaviour of poly(Maleic anhydride-co-methyl methacrylate) Copolymer in Different pHs and Mediums**
KARAHAN Y., TOSUN G., ŞAKAR DAŞDAN D., KARAKUŞ G.
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017
- X. **Zetasizer Measurements of Polymer-Drug Delivery System: Poly (Maleic Anhydride-co-Vinyl Acetate)-Acriflavine Conjugate**
ŞAKAR DAŞDAN D., DİZDAR A., KARAKUŞ G.
3RD INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Helsinki, Finland, 28 - 30 April 2017
- XI. **A New and a Simple Approach to the Characterization of Polymer-Drug Conjugates with Functional Group Identification**
KARAKUŞ G., COŞKUN G. P.
İVEK 3. ULUSLARASI İLAÇ ve ECZACILIK KONGRESİ, İstanbul, Turkey, 26 - 29 April 2017
- XII. **Comparison of Anticancer Activity of Anhydride Containing Copolymer/Hydroxyurea Conjugates**
KARAKUŞ G., KAPLAN CAN H., ŞAHİN YAĞLIOĞLU A.
2017 HKCBEEES PRAQUE CONFERENCE, Praq, Czech Republic, 13 - 15 March 2017
- XIII. **A Relationship Between Molecular Structure and Anticancer Activity Cytotoxicity for Poly maleic anhydride co vinyl acetate Drugs Conjugates with Gemcitabine Cyterabin and Methotrexate Drugs**
KARAKUŞ G.
6. Multidisipliner Kanser Araştırma Kongresi (Konya), Konya, Turkey, 27 - 30 October 2016
- XIV. **The effects of different beverages on pmma denture base material surface quality.**
KARAKUŞ G., ÖZDEMİR DOĞAN D., ŞAHİN O., TUĞUT F., KIRMALI Ö.
21.BASS, 12 - 15 May 2016
- XV. **The Effects of Different Beverages on Pmma Denture Base Material Surface Quality**
KARAKUŞ G., ÖZDEMİR DOĞAN D., ŞAHİN O., TUĞUT F., KIRMALI Ö.
21st Congress Of The BASS, Bosnia And Herzegovina, 12 - 15 May 2016
- XVI. **The effects of different drinking on PMMA denture base material surface quality**
KARAKUŞ G., ÖZDEMİR DOĞAN D., ŞAHİN O., TUĞUT F., KIRMALI Ö.
21st Congress of BASS (Banjo Luka), Banja Luka, Bosnia And Herzegovina, 12 - 15 May 2016
- XVII. **Investigation of pH Effect on Zetasizer Measurements of Poly maleic anhydride co vinyl acetate acriflavine conjugate**
ŞAKAR DAŞDAN D., DİZDAR A., KARAKUŞ G.
All in One Conferences, 2nd International Conference on New Trends in Chemistry (Zagreb, Hırvatistan), Zagreb,

Croatia, 19 - 22 April 2016

- XVIII. Synthesis Characterization and in vitro Antiproliferative Cytotoxic Effects of a Poly maleic Anhydride alt Acrylic Acid Hydroxyurea Conjugate**
KARAKUŞ G., KAPLAN CAN H., ŞAHİN YAĞLIOĞLU A.
International Multidisciplinary Symposium on Drug Research Development (In Memory of Professor Ünsal ÇALIŞ), Eskişehir, Turkey, 15 - 17 October 2015
- XIX. Itakonik Asitli Akrilamid Polimerinin Akriflavin Etken Maddesi ile Fiziksel Absorbsiyonu ve Karakterizasyonu**
yılmaz i., MISIR S., HEPOKUR C., KARİPER İ. A., KARAKUŞ G., HEPOKUR A. İ.
3. İlaç Kimyası İlaç Etkin Maddesi Tasarımı, Sentezi Üretimi ve Standardizasyonu Kongresi, Turkey, 20 - 22 March 2015
- XX. Akrilamid Polimerinin Akriflavin Etken Maddesi ile Fiziksel Absorbsiyonu ve Karakterizasyonu**
MISIR S., HEPOKUR C., DEMİR S., KARAKUŞ G., hepokur a. i.
3. İlaç Kimyası İlaç Etkin Maddesi Tasarımı, Sentezi Üretimi ve Standardizasyonu Kongresi, Turkey, 20 March - 22 September 2015
- XXI. Itakonik Asitli Akrilamid Polimerinin Prokainamid Hidroklorid Etken Maddesi ile Fiziksel Absorbsiyonu ve Karakterizasyonu**
BOSTANCI H. E., MISIR S., HEPOKUR C., KARİPER İ. A., KARAKUŞ G., HEPOKUR A. İ.
3. İlaç Kimyası İlaç Etkin Maddesi Tasarımı, Sentezi Üretimi ve Standardizasyonu Kongresi, Turkey, 20 - 22 March 2015
- XXII. Zetasizer Measurements of Poly (Maleic Anhydrate-co-Vinyl Acetate) -Hydroxyurea Polymer Drug System in Simulated Body Fluids**
ÇETİN N. M., ŞAKAR DAŞDAN D., KARAKUŞ G.
ISOPS 11th International Symposium on Pharmaceutical Sciences (Ankara), Ankara, Turkey, 9 - 12 June 2015
- XXIII. Synthesis Structural Characterization and in vitro Antimicrobial Susceptibility of Poly Maleic Anhydride co Vinyl Acetate Vancomycin Polymeric Conjugate**
KARAKUŞ G., TUZCU N.
V. International Congress of Molecular Medicine, 20 - 22 May 2015
- XXIV. A Comperative Study for in vitro Anticancer Activity of Poly Maleic Anhydride co Vinyl Acetate Doxorubicine and Poly Maleic Anhydride co Vinyl Acetate Hydroxyurea**
KARAKUŞ G., ŞAHİN YAĞLIOĞLU A.
EACR-Sponsored 3rd Anticancer Agent Development Congress (İzmir), İzmir, Turkey, 18 - 19 May 2015
- XXV. Zetasizer Measurements of Polymer Drug Delivery Systems**
ŞAKAR DAŞDAN D., ÇETİN N. M., ASLITÜRK C., KARAKUŞ G.
All in One Conferences, International Conference on New Trends in Chemistry, ICNTC 15 (Sharjah, Birleşik Arap Emirlikleri), Sharjah, United Arab Emirates, 24 - 28 March 2015
- XXVI. Akrilamid Polimerinin Akriflavin Etken Maddesi ile Fiziksel Absorpsiyonu ve Karakterizasyonu**
MISIR S., HEPOKUR C., DEMİR S., KARAKUŞ G., HEPOKUR A. i.
3.İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015
- XXVII. akrilamid polimerlerinin akriflavin etken maddesi ile fiziksel adsorpsiyonu ve karakterizasyonu**
MISIR S., HEPOKUR C., DEMİR S., KARAKUŞ G., hepokur a. i.
3. ilaç kimyası, Turkey, 20 - 22 March 2015
- XXVIII. The Stability Behaviour of Poly Maleic Anhydrate Co Vinyl Acetate Doxorubicine Polymer Drug System in Simulated Body Fluids**
ÇETİN N. M., ŞAKAR DAŞDAN D., KARAKUŞ G.
International Symposium on Molecular Chemistry, Molchem2014 (İstanbul), İstanbul, Turkey, 18 - 19 December 2014
- XXIX. Synthesis characterization and antiproliferative activity of novel modified Poly (maleic anhydride-co-vinyl acetate)/Hydroxyurea conjugate**
KARAKUŞ G., ŞAHİN YAĞLIOĞLU A.

3rd International Molecular Biology and Biotechnology Congress, Sarajevo, Bosnia And Herzegovina, 11 - 13 November 2014

- XXX. **Synthesis Characterization and in vitro Antibacterial Assessments of a Poly maleic anhydride alt acrylic acid Acriflavine Conjugate**
KARAKUŞ G., KAPLAN CAN H., TUZCU N.
Fourth International Meeting on Pharmacy&Pharmaceutical Sciences (IMPPS-4)-İstanbul, İstanbul, Turkey, 18 - 21 September 2014
- XXXI. **An Investigation of The pH Effect to The Stability Behavior of Polymer Drug System Including Hydroxyurea**
KARAKUŞ G., ÇETİN N. M., ŞAKAR DAŞDAN D.
4th International Meeting on Pharmacy and Pharmaceutical Sciences (İstanbul), İstanbul, Turkey, 18 - 21 September 2014
- XXXII. **Synthesis characterization phosphate buffer stability and antiproliferative effects of a novel modified maleic anhydride containing Copolymer Anticancer Drug conjugates**
KARAKUŞ G.
4th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), İstanbul, Turkey, 18 - 21 September 2014
- XXXIII. **The Anti cancer Effect of the Copolymer drug Conjugate Containing Methotrexate (Amethopterin) on MCF 7 Cell Lines and Its Toxic Effect on L929 Cell Lines**
TUNÇ T., SÜMER Z., SÜMER E. H., GEDİK T. N., KARAKUŞ G.
3rd International Molecular Biology and Biotechnology Congress (Bosna Hersek), Sarajevo, Bosnia And Herzegovina, 2 - 06 June 2014
- XXXIV. **Synthesis, Characterization, Cytotoxic Potential on L929, and Antiproliferative Activity on T98G, of Poly(maleic anhydride-co-vinyl acetate)/cis-Platin Conjugate.**
KARAKUŞ G., ERGÜL M.
2 nd international bau-drug design symposium, 17 April 2014
- XXXV. **A Study about pH Effect on The Stability Behavior of Poly (Maleic-Anhydrate-Co-Vinyl Acetate)-Doxorubicine Polymer-Drug**
ÇETİN N. M., ŞAKAR DAŞDAN D., KARAKUŞ G.
2nd International BAU Drug Design Congress, İstanbul, Turkey, 17 - 19 April 2014
- XXXVI. **Poli maleik anhidrit ko vinil asetat Noradrenalin Polimer İlaç Çiftinin Stabilitésinin İncelenmesi**
ASLITÜRK C., ŞAKAR DAŞDAN D., KARAKUŞ G.
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014
- XXXVII. **The Anti cancer Effect of the Copolymer-drug Conjugate Containing Cytarabine on MCF-7 Cell Lines and Its Toxic Effect on L929 Cell Lines**
TUNÇ T., KARAKUŞ G.
3rd International Molecular Biology and Biotechnology Congress, Sarajevo, Bosnia And Herzegovina, 22 - 24 February 2014
- XXXVIII. **Gemsitabin içeren kopolimer ilaç konjugatının MCF 7 hücreleri üzerine antitümör ve L929 hücreleri üzerine toksik etkisi**
TUNÇ T., SÜMER Z., KARAKUŞ G.
Uluslararası Katılımlı 1. Hücre Ölümü Araştırma Kongresi, 30 October - 03 November 2013, vol.1, pp.78-79
- XXXIX. **Gemsitabin İçeren Kopolimer İlaç Konjugatının MCF-7 Hücreleri Üzerine Antitümör ve L929 Hücreleri Üzerine Toksik Etkisi THE**
TUNÇ T., SÜMER Z., KARAKUŞ G., KILIÇKAP S.
Uluslararası Katılımlı I. Hücre Ölümü Araştırma Kongresi, İzmir, Turkey, 30 October - 03 November 2013
- XL. **Synthesis Characterization and Antiproliferative Activity of a Novel Modified Poly (maleic anhydride-co-vinyl acetate)/Doxorubicin Couple**
KARAKUŞ G., ŞAHİN YAĞLIOĞLU A.
44. Dünya Kimya Kongresi (IUPAC)-44th World Chemistry Congress (İstanbul)ğ, İstanbul, Turkey, 11 - 16 August 2013

- XLI. Synthesis Characterization and Cytotoxic Potential of a Novel Modified Poly maleic anhydride co vinyl acetate Miltefosine Couple**
Karakuş G., Akın Polat Z.
44. Dünya Kimya Kongresi-IUPAC (44th World Chemistry Congress) (İstanbul), İstanbul, Turkey, 11 - 16 August 2013
- XLII. Maleik Anhidrit Stiren Kopolimerinin Prokainamid Hidroklorür ile Türevlendirilmesi Karakterizasyonu ve Antiproliferatif Aktivitesinin İncelenmesi**
KARAKUŞ G., ŞAHİN YAĞLIOĞLU A., KARAHAN M., AYDIN S.
IV. Ulusal Polimer Bilim ve Teknoloji Kongresi, Çanakkale, Turkey, 5 - 08 September 2012
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Metrics

Publication: 88

Citation (WoS): 109

Citation (Scopus): 166

H-Index (WoS): 6

H-Index (Scopus): 7