

Asst. Prof. ASLIHAN HİLAL ALGAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAF-8314-2020

ScopusID: 56671384800

Yoksis Researcher ID: 172147

Education Information

Doctorate, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey 2008 - 2015

Postgraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey 2005 - 2008

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Course, DENEY HAYVANLARI KULLANIM SERTİFİKASI, Gülhane Askeri Tıp Akademisi Hayvan Deneyleri Etik Kurulu ile Kırıkkale Üniversitesi Hayvan Deneyleri Etik Kurul Başkanlığı, 2011

Dissertations

Doctorate, Polimerik nanotübüler yapıların ilaç taşıyıcı sistem olarak hazırlanması ve karakterizasyonu, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2015

Postgraduate, Mukoadesif polimerlerle antifungal etkili vajinal tablet formülasyonlarının geliştirilmesi, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2008

Research Areas

Pharmacology and Therapeutics, Health Sciences

Academic Titles / Tasks

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2005 - Continues

Courses

İlaç Şekilleri ve Tıbbi Malzeme II-Teorik, Associate Degree, 2019 - 2020

İlaç Şekilleri ve Tıbbi Malzeme II-Pratik, Associate Degree, 2019 - 2020

İlaç Şekilleri ve Tıbbi Malzeme I-Teorik, Associate Degree, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Nanoscale Delivery Systems of Lutein: An Updated Review from a Pharmaceutical Perspective**
ALGAN A. H., Gungor-Ak A., KARATAŞ A.
PHARMACEUTICS, vol.14, no.9, 2022 (SCI-Expanded)
- II. **Template Synthesis of Tubular Nanostructures for Loading Biologically Active Molecules**
KARATAŞ A., ALGAN A. H.
CURRENT TOPICS IN MEDICINAL CHEMISTRY, vol.17, no.13, pp.1555-1563, 2017 (SCI-Expanded)
- III. **A selective and sensitive stability-Indicating HPLC method for the validated assay of etoposide from commercial dosage form and polymeric tubular nanocarriers**
Algan A. H., Gümüştas M., Karataş A., Özkan S. A.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.124, pp.382-389, 2016 (SCI-Expanded)
- IV. **Ofloxacin Loaded Electrospun Fibers for Ocular Drug Delivery: Effect of Formulation Variables on Fiber Morphology and Drug Release**
Karatas A., ALGAN A. H., PEKEL BAYRAMGİL N., Turhan F., ALTANLAR N.
CURRENT DRUG DELIVERY, vol.13, no.3, pp.433-443, 2016 (SCI-Expanded)
- V. **EVALUATION OF VAGINAL TABLETS CONTAINING POLYCARBOPHIL AND HYDROXYPROPYLMETHYLCELLULOSE AS MUCOADHESIVE POLYMERS**
Algan A. H., Baykara T.
European Journal of Pharmaceutical Sciences, vol.38, no.1, pp.133-135, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Poloxamer/chitosan in situ gelling system for ocular delivery of ofloxacin**
KARATAŞ A., Bölük A., ALGAN A. H.
Current Drug Therapy, vol.9, no.4, pp.219-225, 2015 (Scopus)
- II. **YARA TEDAVİSİNDE GÜNCEL YAKLAŞIMLAR MODERN YARA ÖRTÜLERİCURRENT APPROACHES TO WOUND THERAPY MODERN WOUND DRESSINGS**
KURTOĞLU A. H., KARATAŞ A.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi (J FAC PAHRM ANKARA), vol.38, no.3, pp.211-232, 2009 (Peer-Reviewed Journal)
- III. **Current approaches to wound therapy: Modern wound dressings Yara tedavisinde güncel yaklaşımlar: Modern yara örtüleri**
ALGAN A. H., KARATAŞ A.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.38, no.3, pp.211-232, 2009 (Scopus)
- IV. **Lubricant efficiency of magnesium stearate in direct compressible powder mixtures comprising cellactose@80 and pyridoxine hydrochloride**
YÜKSEL N., Türkmen B., ALGAN A. H., Başaran B., Erkin J., Baykara T.
Fabad Journal of Pharmaceutical Sciences, vol.32, no.4, pp.173-183, 2007 (Scopus)

Books & Book Chapters

- I. **Oral Yoldan İlaç Verilişinde Yeni Taşıyıcı Sistem Olarak Fitozomlar**
GÜNGÖR A., ALGAN A. H., KARATAŞ A.

in: ECZACILIKTA YENİLİKLER 3, ÖZÇELİKAY Gülbin, YILDIZ İlkey, Editor, Ankara Üniversitesi Yayınları, Ankara, pp.325-338, 2020

II. YARI KATI PREPARATLAR

KARATAŞ A., ALGAN A. H.

in: MAJISTRAL İLAÇ REHBERİ, , Editor, Fersa Ofset, Ankara, pp.231-352, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Preparation and characterization of quercetin loaded polymeric nanoparticles**
Algan A. H., Karataş A.
14th Central European Symposium on Pharmaceutical Technology, Ohrid, Macedonia, 28 - 30 September 2023, vol.69, pp.89-90
- II. **Innovating a Novel HPLC Method for Validated Assay of Quercetin in Nano Drug Delivery Systems**
ALGAN A. H., TOK K. C., KARATAŞ A.
33rd International Symposium on Pharmaceutical and Biomedical Analysis (PBA2023), Ankara, Turkey, 02 July 2023
- III. **DEVELOPMENT AND EVALUATION OF ETOPOSIDE LOADED POLYMERIC TUBULAR NANOSTRUCTURES**
Algan A. H., Karataş A.
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 June 2018, pp.51-53
- IV. **DEVELOPMENT OF ETOPOSIDE LOADED POLY(METHYLMETHACRYLATE) AND POLY(HYDROXYETHYLMETHACRYLATE) TUBULAR NANOSTRUCTURES**
ALGAN A. H., KARATAŞ A.
7th BBBB International Conference on Pharmaceutical Sciences, Hungary, 5 - 07 October 2017
- V. **DEVELOPMENT OF FULLY VALIDATED HPLC METHOD FOR THE DETERMINATION OF ETOPOSIDE FROM COMMERCIAL DOSAGE FORM AND POLYMERIC TUBULAR NANOCARRIERS**
KARATAŞ A., ALGAN A. H., GÜMÜŞTAŞ M., ÖZKAN S. A.
2nd European Conference on Pharmaceutics, Krakow, Poland, 3 - 04 April 2017
- VI. **Preparation and Characterization of Polymeric Tubular Nanostructures as Drug Delivery Systems**
ALGAN A. H.
18th International Pharmaceutical Technology Symposium- (IPTS 2016), 18 - 21 September 2016
- VII. **Preparation and Characterization of Polymeric Tubular Nanostructures**
ALGAN A. H., KARATAŞ A.
18th International Pharmaceutical Technology Symposium- (IPTS 2016), 18 - 21 September 2016
- VIII. **Evaluation of Etoposid loaded Poly methyl methacrylate tubular nanostructures**
Karataş A., Algan A. H.
Drug Formulation and Bioavailability Congress, Beijing, China, 5 - 06 September 2016
- IX. **Evaluation of Etoposide loaded poly methyl methacrylate tubular nanostructures**
KARATAŞ A., ALGAN A. H.
Drug Formulation & Bioavailability Congress, 5 - 06 September 2016
- X. **THE EFFECT OF THE DRUG POLYMER RATIO ON THE PROPERTIES OF OFLOXACIN LOADED ELECTROSPUN FIBERS**
Karataş A., Algan A. H., Turhan F., Pekel Bayramgil N.
International Gazi Pharma Symposium (GPSS), Antalya, Turkey, 12 - 15 November 2015, pp.155
- XI. **Ofloxacin Loaded Electrospun Fibers for Ocular Drug Delivery**
KARATAŞ A., ALGAN A. H., TURHAN F., PEKEL BAYRAMGİL N., ALTANLAR N.
2015 AAPS Annual Meeting and Exposition, 25 - 29 October 2015
- XII. **Evaluation of etoposide loaded polymeric tubular nanostructures produced by template synthesis method**
Algan A. H., Karataş A.
2015 AAPS Annual Meeting and Exposition, Florida, United States Of America, 25 - 29 October 2015

XIII. Ocular Delivery of Ofloxacin from Poloxamer Chitosan In Situ Gelling System

KARATAŞ A., BÖLÜK A., ALGAN A. H.

11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 9 - 12 June 2015

XIV. OCULAR DELİVERY OF OFLOXACIN FROM POLOXAMER CHITOSAN IN SITU GELLING SYSTEM

KARATAŞ A., ALGAN A. H.

11th International Symposium on Pharmaceutical Sciences (ISOPS-2015), 9 - 12 June 2015

Supported Projects

Beşikci A., Karataş A., Algan A. H., TÜBİTAK Project, Etken madde salımı amacıyla polimerik nanotübüler yapıların hazırlanması ve karakterizasyonu, 2013 - 2016

Memberships / Tasks in Scientific Organizations

TURKISH PHARMACEUTICAL TECHNOLOGY SCIENTISTS ASSOCIATION, Member, 2007 - Continues, Turkey

Scientific Refereeing

ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGİSİ, National Scientific Refreed Journal, December 2023

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, March 2022

JOURNAL OF RESEARCH IN PHARMACY, National Scientific Refreed Journal, October 2021

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, June 2021

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, February 2021

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, November 2018

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, August 2018

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, April 2017

Metrics

Publication: 26

Citation (WoS): 35

Citation (Scopus): 69

H-Index (WoS): 4

H-Index (Scopus): 6