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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Eczacılık Fakültesi, Analitik Kimya, Türkiye 1987 - 1993

Yüksek Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, Türkiye 1981 - 1985

Lisans, Hacettepe Üniversitesi, Kimya Fakültesi, Kimya Mühendisliği, Türkiye 1978 - 1981

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Temel Eczacılık Bilimleri, Sağlık Bilimleri, Eczacılık, Analitik Kimya

Akademik Unvanlar / Görevler

Prof. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1998 - Devam Ediyor

Yönetilen Tezler

BAŞCI N. E., Kabergolin ve tadalafil'in asitlik sabitlerinin tayininde spektrofotometri, potansiyometri ve yüksek performanslı sıvı kromatografisi, Yüksek Lisans, M.BANU(Öğrenci), 2016

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Optimized high-throughput protocols for comprehensive metabolomic and lipidomic profiling of brain sample**
EYLEM C. C., NEMUTLU E., DOĞAN A., Acik V., Matyar S., Gezercan Y., Altintas S., Okten A. I., BAŞCI AKDUMAN N. E.
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- II. **A Novel Method for Development and Validation of the Degradation Products Analysis of N-Carbamylglutamate with UHPLC by Using Design of Experiment Approach**
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- III. **Effects of genetic polymorphisms of CYP2J2, CYP2C9, CYP2C19, CYP4F2, CYP4F3 and CYP4A11 enzymes in preeclampsia and gestational hypertension**
Ongun M. C., Tonyali N. V., KAPLAN O., DEĞER İ., ÇELEBİER M., BAŞCI AKDUMAN N. E., Sahin D., Yucel A., BABAOĞLU M. Ö.
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- IV. **High-Throughput Single-Step plasma sample extraction optimization strategies with experimental design for LC-MS and GC-MS integrated metabolomics and lipidomics analysis**
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- V. **An Overview of Green Chromatographic Analysis from Pharmaceutical Preparations**
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- VI. **Application of green methodology to pharmaceutical analysis using eco-friendly ethanol-water mobile phases**
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- VII. **Validated Ultra Performance Liquide Chromatography-Tandom Mass Spectrometric Method for Determination of Betamethasone or Dexamethasone in Pharmaceuticals**
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- VIII. **Green Bioanalytical and Pharmaceutical Analysis of Voriconazole and Tadalafil by HPLC**
DOĞAN A., Basci N. E.
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- IX. **Process and formulation variables of pregabalin microspheres prepared by w/o/o double emulsion solvent diffusion method and their clinical application by animal modeling studies**
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- X. **Development and Validation of RP-HPLC and Ultraviolet Spectrophotometric Methods of Analysis for the Quantitative Determination of Chlorhexidine Gluconate and Benzydamine Hydrochloride in Pharmaceutical Dosage Forms**
DOĞAN A., Basci N. E.
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- XI. **Spectrophotometric Analysis of Cabergoline in Pharmaceutical Preparations**
Salman D., DOĞAN A., Basci N. E.
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- XII. **Formulation and evaluation of diclofenac potassium fast-disintegrating tablets and their clinical application in migraine patients**
Comoglu T., DOĞAN A., Comoglu S., Basci N. E.

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- XIV. **Penetration of topically applied diclofenac and ketorolac into the aqueous humour and subretinal fluid: randomized clinical trial**
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- XV. **Development and in vitro evaluation of pantoprazole-loaded microspheres**
Comoglu T., Gonul N., DOĞAN A., Basci N. E.
DRUG DELIVERY, cilt.15, sa.5, ss.295-302, 2008 (SCI-Expanded)
- XVI. **Penetration of betaxolol HCL ionic suspension 0.25% and betaxolol HCL solution 0.50% into the aqueous humor**
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- XVII. **Development and validation of an HPLC-UV-Vis method for the determination of proparacaine in human aqueous humour**
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- XVIII. **An experimental design approach to selecting the optimum LC conditions for the determination of local anaesthetics**
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- XIX. **Determination of ketorolac tromethamine in human eye samples by HPLC with photo diode-array detection**
Demircan S., Sayin F., Basci N. E., Uenlue N., Kir S.
CHROMATOGRAPHIA, cilt.66, 2007 (SCI-Expanded)
- XX. **Penetration of topically applied ciprofloxacin and ofloxacin into the aqueous humor and vitreous**
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- XXI. **Effects of terfenadine and diphenhydramine on the CYP2D6 activity in healthy volunteers**
Kortunay S., Bozkurt A., Basci N. E., Kayaalp S.
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- XXIII. **Dose-dependent inhibition of the CYP2D6 catalyzed oxidation of sparteine by mepyramine in healthy volunteers**
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- XXIV. **Comparison of subretinal fluid levels of two 0.3% ciprofloxacin-containing eye drops**
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- XXVI. **The effects of prolonged acute use and inflammation on the ocular penetration of topical ciprofloxacin**
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- XXVII. **Penetration of topical and oral ofloxacin into the aqueous and vitreous humor of inflamed rabbit eyes**
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- XXVIII. **The pharmacokinetics and effects of diltiazem in rabbits**
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- XXX. **Ofloxacin levels after intravitreal injection - Effects of trauma and inflammation**
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- XXXI. **Aqueous humour levels of topically applied ciprofloxacin and ofloxacin in the same subjects**
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- XXXIII. **Human aqueous and vitreous humour levels of ciprofloxacin following oral and topical administration**
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- XXXIV. **Penetration of ofloxacin and ciprofloxacin in aqueous humor after topical administration**
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- XXXV. **CYP2D6 polymorphism in systemic lupus erythematosus patients**
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- XXXVI. **CYP2C19 genotype does not represent a genetic predisposition in idiopathic systemic lupus erythematosus**
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- XXXVII. **Effects of trauma and infection on ciprofloxacin levels in the vitreous cavity**
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- XXXVIII. **Penetration of topical and oral ciprofloxacin into the aqueous and vitreous humor in inflamed eyes**
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- XXXIX. **Optimization of mobile phase in the separation of beta-blockers by HPLC**
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- XL. **Optimization of the separation of β -blockers in HPLC**
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- XLI. **Comparison of aqueous humour and vitreous humour levels of two 0.3% ciprofloxacin eyedrops**
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- XLII. **Penetration of ciprofloxacin in human aqueous and vitreous humors following oral and topical administration**
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- XLIII. **Omission of the deconjugation step in urine analysis and the unaltered outcome of CYP2D6 phenotyping with dextromethorphan**
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- XLIV. **Penetration of ofloxacin in human aqueous and vitreous humors following oral and topical administration**
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- XLV. **The penetration of ofloxacin into human aqueous humor given by various routes**
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- XLVII. **The hydroxylation of omeprazole correlates with S-mephenytoin and proguanil metabolism**
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- XLIX. **Proguanil metabolism in relation to S-mephenytoin oxidation in a Turkish population**
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- L. **Metabolic ratios of four probes of CYP2D6 in Turkish subjects: A cross-over study**
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- LII. **Rapid liquid chromatographic assay of ciprofloxacin in human aqueous humor**
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- LIII. **EFFECT OF ENCAPSULATION OF CHLORAMPHENICOL IN ALBUMIN MICROSPHERES ON ITS IN-VITRO TRANSFER ACROSS THE HUMAN PLACENTA**
ONUR M., VURAL İ., BASCI N. E., PAMIR R., COSKUN T., ISIMER A., KAS H., BEKSAC S., HINCAL A., TUMER A.
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- LIV. **POLYMORPHIC DEBRISOQUIN METABOLISM IN A TURKISH POPULATION**
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- LV. **S-mephenytoin, sparteine and debrisoquine oxidation: genetic polymorphisms in a Turkish population.**
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- LVI. **Correlation Between the Metabolic Ratios of Debrisoquine and Metoprolol in Turkish Subjects**
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- LVII. **DETERMINATION OF DEBRISOQUINE AND 4-HYDROXYDEBRISOQUINE IN URINE BY HIGH-PERFORMANCE LIQUID-CHROMATOGRAPHY WITH FLUORESCENCE DETECTION AFTER SOLID-PHASE EXTRACTION**
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- LVIII. **ACUTE EFFECT OF ERYTHROPOIETIN ON CATECHOLAMINE LEVELS IN UREMIA**
AKPOLAT T., ARIK N., DEMIRKAN F., BASCI N. E., OZKAN Y., ISIMER A., YASAVUL U., TURGAN C., CAGLAR S.
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- LIX. **EFFECT OF LIPOSOMAL ENCAPSULATION OF CHLORAMPHENICOL ON ITS TRANSFER ACROSS THE HUMAN PLACENTA IN A DUAL INVITRO PERFUSION SYSTEM**
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- LX. **DIFFERENTIAL PULSE POLAROGRAPHIC-DETERMINATION OF SOME CHALCONE DERIVATIVES**
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- LXI. **SULFAMETHOXAZOLE ACETYLATION IN FAST AND SLOW ACETYLATORS**
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- LXII. **N-ACETYLATION PHENOTYPING WITH SULFADIMIDINE IN A TURKISH POPULATION**
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- LXIII. **Comparison of colorimetric and high-performance liquid chromatographic determination of sulphamethoxazole and acetylsulphamethoxazole**
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Diğer Dergilerde Yayınlanan Makaleler

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Polat M. B., DOĞAN A., BAŞCI N. E.
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- II. **Investigating the physicochemical properties of phenazopyridine hydrochloride using high-performance liquid chromatography and UV-visible spectrophotometry**
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- IV. **Penetration of topical ciprofloxacin by presoaked medicated soft contact lenses**
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Determination of paracetamol and 4 aminophenol by reversed phased ion pairing high performance liquid chromatography**
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- II. **Penetration of topically applied betaxolol Hcl 0.25% ionic suspension and betaxolol Hcl 0.50% solution into the aqueous humor**
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Metrikler

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Atf (WoS): 725

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Akademi Dışı Deneyim

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