

Doç.Dr. EMRAH DURAL

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Adli Kimya Ve Adli Toksikoloji Anabilim Dalı (Disiplinlerarası), Türkiye 2011 - 2014

Yüksek Lisans, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Adli Kimya Ve Adli Toksikoloji Anabilim Dalı (Disiplinlerarası), Türkiye 2004 - 2008

Lisans, Gazi Üniversitesi, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Türkiye 1996 - 2001

Yaptığı Tezler

Doktora, Sildenafil düzeylerinin, pulmoner arteriyel hipertansiyon hasta plazmalarında kromatografik yöntemle belirlenmesi ve "bitkisel kökenli" ürünlerde illegal varlığının araştırılması, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Adli Kimya Ve Adli Toksikoloji Anabilim Dalı (Disiplinlerarası), 2014

Araştırma Alanları

Sağlık Bilimleri

Akademik Unvanlar / Görevler

Yrd.Doç.Dr., Sivas Cumhuriyet Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2015 - Devam Ediyor

Mesleki Deneyim

Anabilim/Bilim Dalı Başkanı, Sivas Cumhuriyet Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2015 - Devam Ediyor

Verdiği Dersler

Terapötik İlaç İzlemi, Lisans, 2019 - 2020

Farmasötik Toksikoloji - I, Lisans, 2019 - 2020

Gıda Toksikolojisi, Lisans, 2019 - 2020

Araştırma Projesi Dersi - I, Lisans, 2019 - 2020

Gıda Toksikolojisi, Lisans, 2019 - 2020

Farmasötik Toksikoloji - I, Lisans, 2017 - 2018

Farmasötik Toksikoloji - II, Lisans, 2017 - 2018

Farmasötik Toksikoloji Laboratuvarı, Lisans, 2016 - 2017, 2017 - 2018
Farmasötik Toksikoloji - II, Lisans, 2017 - 2018
Araştırma Projesi Uygulama Dersi - II, Lisans, 2017 - 2018
Farmasötik Toksikoloji-I, Lisans, 2016 - 2017
Eczacılık Terminolojisi, Lisans, 2016 - 2017
İlaç Toksisitesinin Belirl.Terapotik İlaç Düz.İzl., Lisans, 2016 - 2017
İlaç Düzeyinin Belirlenmesinde Terapötik İlaç Düzeyi İzlemi, Lisans, 2016 - 2017
Klinik Toksikoloji, Lisans, 2016 - 2017
Farmasötik Toksikoloji II, Lisans, 2016 - 2017
Klinik Toksikoloji, Lisans, 2016 - 2017
Tıp Eğitiminde Bilgisayar Dersi, Lisans, 2015 - 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **MONITORIZATION OF PATULIN AND HYDROXYMETHYLFURFURAL IN FRUIT JUICES AND COMMERCIAL FRUITY BABY FOODS BY AN HPLC-DAD METHOD**
DURAL E.
REVUE ROUMAINE DE CHIMIE, cilt.65, ss.191-200, 2020 (SCI İndekslerine Giren Dergi)
- II. **Determination of Mirtazapine and Desmethyl Mirtazapine in Human Plasma by a New Validated HPLC Ultraviolet Method with a Simple and Reliable Extraction Method: Application to Therapeutic Drug Monitoring Study by 62 Real Patient Plasma**
DURAL E., Baskak N. S. , Ozcan H., Kir Y., BASKAK B., SÜZEN H. S.
IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, cilt.19, ss.18-30, 2020 (SCI İndekslerine Giren Dergi)
- III. **Determination of 1-Deoxynojirimycin by a developed and validated HPLC-FLD method and assessment of In-vitro antioxidant, alpha-Amylase and alpha-Glucosidase inhibitory activity in mulberry varieties from Turkey**
ERUYGUR N., Dural E.
PHYTOMEDICINE, cilt.53, ss.234-242, 2019 (SCI İndekslerine Giren Dergi)
- IV. **IN-VITRO ANTIOXIDANT, A-GLUCOSIDASE AND A-AMYLASE INHIBITORY ACTIVITIES OF CRUDE ETHANOL EXTRACT AND FRACTIONS OF ENDEMIC HYACINTHELLA ACUTILOBA K.PERSS. & WENDELBO BULBUS**
ERUYGUR N., DURAL E., TEKİN M., ÖZPINAR H.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.28, ss.750-755, 2019 (SCI İndekslerine Giren Dergi)
- V. **Determination of Urinary Total Hydroxyproline by HPLC with UV and EC Detectors**
Kaya B. I. , DURAL E., KENDÜZLER E., SÖYLEMEZOĞLU T.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, cilt.40, ss.866-875, 2018 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Determination of phenytoin in human plasma by a validated HPLC method: application to therapeutic drug monitoring study**
DURAL E., BOLAYIR A., ÇİĞDEM B.
Acta Pharmaceutica Scientia, cilt.59, 2021 (Diğer Kurumların Hakemli Dergileri)
- II. **Development and validation of an HPLC method for determination of carbamazepine in human plasma and applications to a therapeutic drug monitoring study**
Dural E., Cetin S., Bolayır A., Çiğdem B.
ISTANBUL JOURNAL OF PHARMACY, cilt.50, ss.6-15, 2020 (ESCI İndekslerine Giren Dergi)
- III. **Investigation of the Presence of Sildenafil in Herbal Dietary Supplements by Validated HPLC Method**
DURAL E.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.17, ss.56-62, 2020 (ESCI İndekslerine Giren Dergi)

IV. Determination of Food Colorings in Pharmaceutical Preparations and Food Additives by a Validated HPLC Method Betül Esen

Esen B., Oymak T., Dural E.

International Journal of Scientific & Engineering Research, cilt.9, ss.72-77, 2018 (Diğer Kurumların Hakemli Dergileri)

V. Development and Validation of HPLC-UV Method for the Determination of Diclofenac in Human Plasma with Application to a Pharmacokinetic Study

Arisoy G. G. , Dural E., Mergen G., Arisoy M., Guvendik G., SÖYLEMEZOĞLU T.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.13, ss.292-299, 2016 (ESCI İndekslerine Giren Dergi)

VI. Optimization and Validation of an HPLC UV Method for Analysis of Clozapine and its Major Metabolites in Human Plasma

DURAL E., MERGEN G., SÖYLEMEZOĞLU T.

Turkish Journal of Pharmaceutical Sciences, cilt.12, ss.60-78, 2015 (Diğer Kurumların Hakemli Dergileri)

Kitap & Kitap Bölümleri

I. Toksikolojinin temelleri

DURAL E., KAYAALTI Z., YALÇIN AZARKAN S., SİPAHİ H., ÜNLÜ ENDİRLİK B., EKEN A., AYDIN S., DEMİRBÜĞEN M., ULUTAŞ O. K. , UÇKUN Z., et al.

Nobel tıp kitapevi, Ankara, 2017

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Development of a new determination method for medazepam and lorazepam in human plasma by HPLC-UV

DURAL E.

3rd International Eurasian Conference On Biological and Chemical Sciences (Eurasianbiochem 2020), 19 - 20 Mart 2020

II. Determination of diazepam in human plasma by a validated HPLC-UV method

DURAL E.

11th International European Conference on Mathematics, Engineering, Natural Medical Sciences (11thMAS Congress), 13 - 15 Mart 2020

III. Phthalates and Genotoxic Effects

DURAL E.

VI. International Congress on Natural and Health Sciences (ICNHS-2020), 14 - 15 Mart 2020

IV. DENEYSEL NEFROTİK SENDROM MODELİNDEESOMEPRAZOL VE PİRFENİDONUN BÖBREK VEKALP ÜZERİNDEKİ ETKİLERİ

Koz S., Tulay Koz S., Kayataş M., DEMİRPENÇE Ö., YILDIZ E., TEKİN G., DURAL E.

36. Ulusal nefroloji kongresi, Türkiye, 16 Ekim 2019

V. Determination of patulin levels in baby food products by developed and validated HPLC method

DURAL E.

3rd International Conference on Engineering Technology and Applied Sciences(ICETAS), 17 - 21 Temmuz 2018

VI. REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTION BY PERSIMMON SHELLS NATURAL BIOSORBENT

DURAL E., BOLAYIR A., ÇİĞDEM B.

3 rd international Conference on Engineering Technology and applied Sciences, Skopje, Makedonya, 17 - 21 Temmuz 2018, ss.166

VII. Determination of Hydroxyproline and The Effect of Smoking on Hydroxyproline Concentration in

Urine

İŞİNER KAYA B., DURAL E., KENDÜZLER E., SÖYLEMEZOĞLU T.

4th International Conference on New Directions in Multidisciplinary Research Practice (London / England), Londrina, Brezilya, 12 - 13 Mayıs 2018, ss.75-76

- VIII. **A NEW METHOD FOR THE DETERMINATION OF VALPROIC ACID IN HUMAN PLASMA BY HPLC-UV: APPLICATION TO A THERAPEUTIC DRUG MONITORING STUDY**
DURAL E., ÇELEBİ S., BOLAYIR A., ÇİĞDEM B.
7th INTERNATIONAL MOLECULAR BIOLOGY and BIOTECHNOLOGY CONGRESS, 25 - 27 Nisan 2018
- IX. **Determination of carbamazepine in human plasma by HPLC ultraviolet method: Application to a therapeutic drug monitoring study**
DURAL E., ÇETİN S., BOLAYIR A., ÇİĞDEM B.
7th International Molecular Biology and Biotechnology Congress, 25 - 27 Nisan 2018
- X. **Quantitative determination of synthetic dyes in cosmetic products by HPLC**
Filiz Z., OYMAK T., DURAL E.
7th INTERNATIONAL CONGRESS on MOLECULAR BIOLOGY and BIOTECHNOLOGY, 25 - 27 Nisan 2018
- XI. **Quantitative determination of sunset yellow, allura red, fast green, erythrosin and quinoline yellow using Fe₃O₄ modified with *Elaeagnus angustifolia* based on solid phase extraction and HPLC**
OYMAK T., DURAL E.
7th INTERNATIONAL CONGRESS on MOLECULAR BIOLOGY and BIOTECHNOLOGY, 25 - 27 Nisan 2018
- XII. **Development and validation of a new HPLC-UV method for the investigation of phenytoin levels in human plasma**
DURAL E.
3rd International Conference on Engineering Technology and Applied Sciences (ICETAS), 17 - 21 Nisan 2018
- XIII. **A New Validated Method for Analysis of Clozapine and Its metabolites Norclozapine and Clozapine-N-oxide in Human Plasma**
DURAL E., Mergen G., SÖYLEMEZOĞLU T.
International Symposium on Multidisciplinary Studies and Innovative Technologies, 2 - 04 Kasım 2017
- XIV. **Quantitative Determination of Mirtazapine and Its Major Metabolite in Plasma by a Developed and Validated HPLC-UV Method**
DURAL E., ÖZCAN H., SÜZEN H. S.
1st International Symposium on Multidisciplinary Studies and Innovative Technologies, Tokat, Türkiye, 2 - 04 Kasım 2017
- XV. **Determination of patulin levels in apple juices by HPLC-UV**
DURAL E.
53rd Congress of the European Societies of Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017, cilt.280
- XVI. **alpha-Glucosidase and alpha-amylase inhibitory activities of crude ethanol extract and fractions of endemic *Hyacinthella acutiloba* K. Pres. & *Wendelbo bulbosus***
ERUYGUR N., DURAL E.
53rd Congress of the European Societies of Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017, cilt.280
- XVII. **DETERMINATION OF MIRTAZAPINE AND DESMETHYL MIRTAZAPINE IN PLASMA BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY ULTRAVIOLET DETECTION**
DURAL E., ÖZCAN H., SÜZEN H. S.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 Ekim 2017
- XVIII. **DETERMINATION OF DICLOFENAC BY A NEW VALIDATED HPLC METHOD IN HUMAN PLASMA**
GÜLSÜM GÜL A., DURAL E., GÖRKEM M., ARISOY M., GÜLİN G., SÖYLEMEZOĞLU T.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 Ekim 2017
- XIX. **Determination of phthalate levels in cosmetic and personal care products by HPLC-UV**
DURAL E.
19th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, 4 -

06 Ekim 2017

- XX. **α -Glucosidase and α -amylase inhibitory activities of crude ethanol extract and fractions of endemic *Hyacinthella acutiloba* K. Press. Wendelbo bulbus**
ERUYGUR N., DURAL E., TEKİN M., ÖZPINAR H.
19th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, ROMA, İtalya, 3 - 06 Ekim 2017
- XXI. **Characterization of Antidiabetic Polyhydroxylated Alkaloids in *Hyacinthella acutiloba* K. Press. Wendelbo by HPLC Method Endemic to Turkey**
ERUYGUR N., DURAL E., TEKİN M.
3. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Türkiye, 26 - 29 Nisan 2017
- XXII. **DETERMINATION OF DEOXYNOJIRIMYCIN BY DEVELOPED AND VALIDATED AN HPLC-FLD METHOD IN LEAVES OF MULBERRY VARIETIES FROM TURKEY**
ERUYGUR N., DURAL E.
1. Uluslararası Tıbbi ve Aromatik Bitkiler Kongresi, Konya, Türkiye, 10 - 12 Mayıs 2017
- XXIII. **Sivas ta Yetişen Endemik Tür *Hyacinthella acutiloba* K Press Wendelbo nun in vitro Yöntemle Antioksidan Aktivitesinin İncelenmesi**
ERUYGUR N., ÜSTÜN O., TEKİN M., ÖZPINAR H., DURAL E.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT 2016), Ankara, Türkiye, 31 Ağustos - 05 Eylül 2016
- XXIV. **Phthalates Environmental samples Biological samples Determination methods**
DURAL E.
2nd International Congress of Forensic Toxicology, Ankara, Türkiye, 26 - 30 Mayıs 2016
- XXV. **Determination of Sildenafil in Herbal Supplements by HPLC UV**
DURAL E., SÜZEN H. S. , Söylemezoğlu T.
2nd International Congress of Forensic Toxicology, Ankara, Türkiye, 26 - 30 Mayıs 2016
- XXVI. **COMPARISONS OF MIRTAZAPINE DETERMINATION METHODS WITH HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**
Özcan H., DURAL E., SÜZEN H. S.
2nd International Congress of Forensic Toxicology, Ankara, Türkiye, 26 - 30 Mayıs 2016
- XXVII. **Simultaneous determination of clozapine and its main metabolites N desmethylclozapine and clozapine N oxide in human plasma by optimized and validated RP HPLC UV method**
DURAL E., mergen g., söylemezoğlu t.
9. Türk Toksikoloji Derneği Kongresine (TURKHELTOX), İzmir-Çeşme, Türkiye, 21 - 24 Kasım 2015
- XXVIII. **Sildenafil Düzeylerinin Pulmoner Arteriyel Hipertansiyon Hasta Plazmalarında Kromatografik Yöntemle Belirlenmesi ve Bitkisel Kökenli Ürünlerde İlegal Varlığının Araştırılması**
DURAL E.
I. Ulusal Sağlık Hukuku Kongresi, Ankara, Türkiye, 1 - 04 Mayıs 2014, ss.125-142
- XXIX. **TOXICOLOGICAL ANALYSIS OF COCAINE AND MEPERIDINE AS ABUSED DRUGS**
GÖRKEM M., DURAL E., SÖYLEMEZOĞLU T.
17th ENFSI Drugs Working Group Meeting, 24 - 26 Mayıs 2011
- XXX. **Sildenafil Toxicity and Analysis Methods**
DURAL E., SÜZEN H. S. , KARABIYIK G., SÖYLEMEZOĞLU T.
1st International Congress and Workshop of Forensic Toxicology, 29 - 30 Kasım 2014
- XXXI. **Analysis of Phthalates Esters in Human Biological Samples**
DURAL E., KAYAALTI Z.
1st International Congress and Workshop of Forensic Toxicology, 29 - 30 Kasım 2014
- XXXII. **Mirtazapine Pharmacology Inter and Intraindividual Pharmacokinetic Variations**
ÖZCAN H., DURAL E., SÜZEN H. S.
1st International Congress and Workshop of Forensic Toxicology, 29 - 30 Kasım 2014
- XXXIII. **Phthalate Toxicity and Exposure Pathways**
DURAL E., KAYAALTI Z., ŞAHİN C.
1st International Congress and Workshop of Forensic Toxicology, 29 - 30 Kasım 2014

- XXXIV. **Benzen Toluen Etil Benzen Xylene BTEX Exposures Pharmacokinetics Health Effects and Determination Methods**
DURAL E.
1. Uluslararası Adli Biyoloji ve Genetik Kongresi, 27 - 28 Kasım 2014
- XXXV. **Nicotine and Its Metabolites Toxicity and Determination Methods**
DURAL E.
1. Uluslararası Adli Biyoloji ve Genetik Kongresi 27-28 Kasım 2014, 27 - 28 Kasım 2014
- XXXVI. **Kronik Obstrüktif Akciğer Hastalığında Fonksiyonel Parametrelerde Değişmeler ve Kanda Kötinin Düzeyi**
KOZLUCA H., KARABIYIKOĞLU G., DURAL E., SÖYLEMEZOĞLU T.
Türk Toraks Derneği 17. Yıllık Kongresi, 2 - 06 Nisan 2014
- XXXVII. **Besin kaplarındaki ftalat düzeylerinin belirlenmesi için bir GC MS yönteminin geliştirilmesi ve valide edilmesi**
DURAL E., ŞAHİN C., KAYAALTI Z., SÖYLEMEZOĞLU T.
TTD DERNEĞİ II. TOKSİKOLOJİ SEMPOZYUMU "TOKSİKOLOJİDE GÜNCEL KONULAR, Türkiye, 3 - 04 Mayıs 2013
- XXXVIII. **DETERMINATION OF NICOTINE AND COTININE IN HUMAN PLASMA URINE AND SALIVA BY GAS CHROMATOGRAPHY MASS SPECTROMETRY**
DURAL E., SÖYLEMEZOĞLU T., TASLAK H., KARABIYIK G.
The 8.th Congress of the Turkish Society of Toxicology, 14 - 18 Kasım 2012
- XXXIX. **Determination of lymphocyte DNA damage by use of comet assay in painters**
KAYAALTI Z., SÖYLEMEZ E., BACAKSIZ A., DURAL E., YILMAZ Ö. H., SÖYLEMEZOĞLU T.
48th Congress of the European Societies of Toxicology (EUROTOX 2012), 17 - 20 Haziran 2012
- XL. **Determination of phthalate levels in maternal placenta and urine**
DURAL E., KOÇ B., KAYAALTI Z., KAYA B., BORAN E., SÖYLEMEZOĞLU T.
47th Congress of the European Societies of Toxicology, 28 - 31 Ağustos 2011
- XLI. **Validation of GC MS method for determination of nicotine and cotinine in plasma and urine**
DURAL E., KAYA B., BORAN E., SÖYLEMEZOĞLU T.
47th Congress of the European Societies of Toxicology (EUROTOX 2011), 28 - 31 Ağustos 2011
- XLII. **Determination of BTEX metabolites in urine of occupationally exposed workers and non exposed individuals**
DURAL E., MERGEN G., KAYA B., BORAN E., BACAKSIZ A., SÖYLEMEZOĞLU T.
47th Congress of the European Societies of Toxicology, 28 - 31 Ağustos 2011
- XLIII. **Determination of Benzene Toluene Ethyl Benzene and Xylenes in urine of exposed and nonexposed residents of Ankara**
DURAL E., BORAN E., KAYA B., MERGEN G., SÖYLEMEZOĞLU T.
9th International ISSX Meeting September, 4 - 08 Eylül 2010
- XLIV. **Validation of GC head space method for the determination of toluene Application to exposed spray paint workers**
MERGEN G., DURAL E., TULİN S.
XII International Congress of Toxicology (IUTOX 2010), 19 - 23 Haziran 2010
- XLV. **Determination and quantitation of clozapine and its metabolites in plasma by HPLC**
DURAL E., MERGEN G., SÖYLEMEZOĞLU T.
46th Congress of the European Societies of Toxicology (EUROTOX2009), 13 - 16 Eylül 2009
- XLVI. **DETERMINATION OF OXIDATIVE STRESS SOME CLINICAL BIOMARKERS AND BLOOD ALCOHOL LEVEL IN CHRONIC ALCOHOLIC PATIENTS ADMITTED TO A PSYCHIATRY CLINIC**
ÇEÇEN Ş. Ş., KARAKUŞ A., İLHAN İ., YALÇIN AZARKAN S., DURAL E., DOĞAN Y. B., SÖYLEMEZOĞLU T.
EUROTOX 2005, 11 - 14 Eylül 2005

Toplam Atıf Sayısı (WOS):3

h-indeksi (WOS):1