

Prof. Münevver AÇIKKOL

Personal Information

Office Phone: [+90 212 414 3000](tel:+902124143000) Extension: 22846

Fax Phone: [+90 212 588 0011](tel:+902125880011)

Email: acikkolm@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/acikkolm/>

Address: İ.Ü. Adli Tıp Enstitüsü Cerralpaşa - İstanbul

Education Information

Doctorate, Istanbul University, Faculty Of Pharmacy , Analitik Kimya Kürsüsü, Turkey 1973 - 1979

Undergraduate, Istanbul University, Faculty Of Pharmacy , Turkey 1969 - 1973

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Denizlerimizde Yaşayan Bazı Omurgasızların Kimyasal Yönden İncelenmesi, Istanbul University, Faculty of Pharmacy , Analitik Kimya, 1979

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Forensic Medicine (Medical Jurisprudence), Pharmacology and Therapeutics, Chemistry, Analytical Chemistry, Mass Spectroscopy, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Adli Tıp Enstitüsü, Fen Bilimleri Anabilim Dalı, 2012 - Continues

Associate Professor, Istanbul University, Adli Tıp Enstitüsü, Fen Bilimleri Anabilim Dalı, 2003 - 2012

Associate Professor, Istanbul University, Faculty of Pharmacy , Farmasötik Toksikoloji, 1991 - 2004

Academic and Administrative Experience

İstanbul Üniversitesi, Adli Tıp Enstitüsü, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Simultaneous analysis method for GHB, ketamine, norketamine, phenobarbital, thiopental, zolpidem,

zopiclone and phenytoin in urine, using C18 poroshell column

Anılanmert B., Cavus F., NARİN İ., Cengiz S., Sealer S., Ozdemir A. A., Acikkol M.

JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.1022, pp.230-241, 2016 (SCI-Expanded)

- II. **Sürüş Güvenliğini Olumsuz Etkileyen Reçeteli ve Reçetesiz İlaçlar: Etkileri ve Güvenlik Tedbirleri**
MERCAN S., TÜRKMEN Z., AÇIKKOL M.
Adli Tıp Dergisi, vol.1, no.3, pp.21-28, 2015 (SCI-Expanded)
- III. **Karbamazepin ile İntihar Girişimi: Bir Çocuk Gelin Olgusu**
TÜRKMEN Z., MERCAN S., ZİYALAR N., BAVUNOĞLU I., AÇIKKOL M.
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- IV. **Bitkisel Ürünlerin ve Gıda Destek Ürünlerinin İçeriklerinin Adli Ve Hukuki Boyutu**
TÜRKMEN Z., Türkdoğru S., MERCAN S., AÇIKKOL M.
ADLİ TIP BÜLTENİ, vol.19, no.1, pp.38-48, 2014 (SCI-Expanded)
- V. **Suicide Attempts in Istanbul by Drug Overdose: A Pilot Study**
ZİYALAR N., TÜRKMEN Z., BAVUNOĞLU I., AÇIKKOL M., Tarı Cömert I.
La Pensee, vol.76, no.1, pp.119-128, 2013 (SSCI)
- VI. **Determination of alpha-Cypermethrin from Soil by Using HPTLC**
Acikkol M., Semen S., Turkmen Z., Mercan S.
JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC, vol.25, no.1, pp.48-53, 2012 (SCI-Expanded)
- VII. **CYP2D6 Polymorphism of Opiate Addicts and Contributions to Forensic Sciences**
Acikkol M., Mercan S.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.31, no.6, pp.1418-1424, 2011 (SCI-Expanded)
- VIII. **Simultaneous Determination of Benzodiazepines and Ketamine from Alcoholic and Nonalcoholic Beverages by GC-MS in Drug Facilitated Crimes**
Acikkol M., Mercan S., Karadayi S.
CHROMATOGRAPHIA, vol.70, pp.1295-1298, 2009 (SCI-Expanded)
- IX. **High Performance Liquid Chromatographic and UV Spectrophotometric Analyses of Alprazolam**
AÇIKKOL M., DURGUN BARLAS B., ROLLAS S.
PHARMAZIE, vol.46, no.6, pp.461, 1991 (SSCI)
- X. **Simultaneous Determination of Nortriptyline Hydrochloride and Perphenazine in Tablets by Fourth-Derivative Ultraviolet Spectrophotometry**
ATMACA S., BİLGİÇ Z., AÇIKKOL M.
PHARMAZIE, vol.46, no.7, pp.532-533, 1991 (SSCI)
- XI. **ILLCIT DRUG-ABUSE IN THE MARMARA REGION OF TURKEY**
ATASOY S., BICER F., ACIKKOL M., BILGIC Z.
FORENSIC SCIENCE INTERNATIONAL, vol.38, pp.75-81, 1988 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of Two Extraction Set-ups for the Determination of Illicit Drugs from Wastewater**
MERCAN S., TEKİN T., KULOĞLU M., TÜRKMEN Z., Doğru A. Ö., Safran A. N., AÇIKKOL M., AŞICIOĞLU F.
Türkiye Klinikleri Adli Tıp ve Adli Bilimler Dergisi, vol.1, no.4, pp.1-4, 2018 (Peer-Reviewed Journal)
- II. **The Negative Effects of Inula Viscosa L. Use on a Cancer Treatment**
BAVUNOĞLU I., TÜRKMEN Z., SERİN İ., KULOĞLU M., TEKİN T., MERCAN S., AÇIKKOL M.
ACTA SCIENTIFIC MEDICAL SCIENCES, vol.2, no.8, pp.19-24, 2018 (Peer-Reviewed Journal)
- III. **Simultaneous detection of cocaine and heroin use: The first reported speedball case in Turkey**
TÜRKMEN Z., MERCAN S., BAVUNOĞLU I., AÇIKKOL M.
EUROPEAN JOURNAL OF FORENSIC SCIENCES, vol.4, no.1, pp.1, 2017 (Peer-Reviewed Journal)
- IV. **Simultaneous detection of cocaine and heroin use: The first reported speedball case in Turkey**
TÜRKMEN Z., MERCAN S., BAVUNOĞLU I., AÇIKKOL M.

EUROPEAN JOURNAL OF FORENSIC SCIENCES, vol.4, no.1, pp.1, 2017 (Scopus)

- V. **GC-MS analysis of fluoxetine and its active metabolite norfluoxetine in human urine**
AÇIKKOL M., SALKIM İŞLEK D.
MARMARA PHARMACEUTICAL JOURNAL, vol.14, pp.98-103, 2010 (Scopus)
- VI. **Spectrophotometric Determination of Tranlycypromine Sulphate in Tablets**
AÇIKKOL M., ATMACA S., İSKENDER G.
ACTA PHARMACEUTICA TURCICA, vol.XXXIII, pp.29, 1991 (Peer-Reviewed Journal)
- VII. **High pressure liquid chromatographic analysis of some sedative-hypnotic antiepileptic and analeptic drugs with RP-CN-column**
AÇIKKOL M., ERSOY Ö., ROLLAS S.
MARMARA PHARMACEUTICAL JOURNAL, vol.7, no.1, pp.33-38, 1991 (Scopus)
- VIII. **Simultaneous Determination of Parasetamol and Mephenoxalone by Third-Derivative UV Spectrophotometry**
AÇIKKOL M.
MARMARA PHARMACEUTICAL JOURNAL, vol.6, no.2, pp.91-97, 1990 (Scopus)
- IX. **Free Fatty Acid Composition of Some Marine Invertebrates Collected from Turkish Waters**
İMRE S., AÇIKKOL M.
Journal of Faculty of Pharmacy of Istanbul University, vol.17, pp.202, 1981 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **A General Overview of Pesticides in Soil: Requirement of Sensitive and Current Residue Analysis Methods**
SEMEN S., MERCAN S., AÇIKKOL M.
in: Soil in Criminal and Environmental Forensics, H. Kars & L. van den Eijkel , Editor, Springer, London/Berlin , Hollanda, pp.163-180, 2016
- II. **A Forensic and Social Approach to Drug-Facilitated Crimes**
AÇIKKOL M., MERCAN S., ZİYALAR N.
in: Crime Rates, Types and Hot Spots, Alexander D. Morina, Editor, Nova Science Chelsea House Publishers, Olney, pp.1-42, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **YASADIŞI MADDE TÜKETİMİNİN ATIK SUDA BELİRLENMESİ: İSTANBUL'DA PİLOT ÇALIŞMA**
MERCAN S., Kuloğlu M., Tekin T., TÜRKMEN Z., Safran A. N., Dogru A. O., AÇIKKOL M., AŞICIOĞLU F.
15.Adli Bilimler Kongres, Antalya, Turkey, 12 - 15 April 2018, vol.1, no.1, pp.69
- II. **ATIK SUDA EPİDEMİYOLOJİK ARAŞTIRMALAR**
MERCAN S., Kuloğlu M., TÜRKMEN Z., Dogru A. O., Tekin T., AÇIKKOL M., AŞICIOĞLU F.
15. Adli Bilimler Kongresi, Antalya, Turkey, 12 - 15 April 2018, vol.1, no.1, pp.143
- III. **Establishing a wastewater drug analysis laboratory in the greatest metropolis of Turkey: Preliminary results from Istanbul.**
MERCAN S., Kuloğlu M., TÜRKMEN Z., Dogru A. O., Safran A. N., AÇIKKOL M., AŞICIOĞLU F.
Testing waste water 3 conference, Lisbon, Portugal, 26 - 27 October 2017, pp.34
- IV. **Monitoring System Design for Illicit Drugs Utilizing GIS in Istanbul**
MERCAN S., Dogru A. O., Safran A. N., Kartal U., TÜRKMEN Z., Kuloğlu M., AÇIKKOL M., AŞICIOĞLU F.
Sixth international conference on environmental management engineering planning and economics, Thessaloniki, Greece, 25 - 30 June 2017, pp.197
- V. **Fenazepam Bir "Bonzai" Türevi midir?**
Kuloğlu M., MERCAN S., TÜRKMEN Z., AÇIKKOL M., AŞICIOĞLU F.

- 14.Adli Bilimler Kongresi, İzmir, Turkey, 11 - 14 May 2017, pp.319
- VI. **Yasadışı Madde Kullanımının Coğrafi Bilgi Sistemi Kullanılarak Atık Sularda İzlenmesi**
MERCAN S., TÜRKMEN Z., Doğru A. Ö., Safran A. N., Kartal Ü., Kuloğlu M., AÇIKKOL M., AŞICIOĞLU F.
14.Adli Bilimler Kongresi, İzmir, Turkey, 11 - 14 May 2017, pp.318
- VII. **HIGH CAFFEINE CONCENTRATION IN PRE WORKOUT SUPPLEMENTS**
Okuroğlu E., TÜRKMEN Z., Tekin T., MERCAN S., BAVUNOĞLU I., AÇIKKOL M.
2nd Regional Meeting of TIAFT, Antalya, Turkey, 30 October - 02 November 2016, pp.12
- VIII. **The Importance of the Common Variants Between Cannabis Use and Schizophrenia in Genetic Etiology**
YÜKSELOĞLU E. H., ÇAVUŞ F., KARATAŞ Ö., Rayimoğlu G., AÇIKKOL M.
2nd Regional TIAFT Meeting in Turkey, Antalya, Turkey, 30 October - 02 November 2016, pp.43
- IX. **NICKEL RELEASE FROM IMITATION JEWELRY PURCHASED IN ISTANBUL COMPARISON OF TWO METHODS**
MERCAN S., Şemen S., TÜRKMEN Z., VEHİD H., ENGİN B., ÇELİK U., AÇIKKOL M.
2nd Regional Meeting of TIAFT, Antalya, Turkey, 30 October - 02 November 2016, pp.12
- X. **PRESCRIPTION DRUG ABUSE AND RELATED TYPES OF CRIME**
AÇIKKOL M., Doğusan Gökçe N., TÜRKMEN Z., MERCAN S.
2nd Regional Meeting of TIAFT, Antalya, Turkey, 30 October - 02 November 2016, pp.4
- XI. **RELATIONSHIP BETWEEN NICKEL URINE LEVEL OF NICKEL SENSITIVE PEOPLE AND LIFESTYLE HABITS**
MERCAN S., ÇELİK U., ENGİN B., VEHİD H., Şemen S., TÜRKMEN Z., AÇIKKOL M.
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- XII. **The Detecting Methods Of Genetic Predisposition to Alcohol And Nicotine**
YÜKSELOĞLU E. H., ÇAVUŞ F., KARATAŞ Ö., Rayimoğlu G., AÇIKKOL M.
2nd Regional TIAFT Meeting in Turkey, Antalya, Turkey, 30 October - 02 November 2016, pp.41
- XIII. **Multiple Drug Use and Polymorphic Dopamine Receptors**
YÜKSELOĞLU E. H., ÇAVUŞ F., KARATAŞ Ö., Rayimoğlu G., AÇIKKOL M.
2nd Regional TIAFT Meeting in Turkey, Antalya, Turkey, 30 October - 02 November 2016, pp.42
- XIV. **Türkiye Ve Sri Lanka Menşeli Bazı Siyah Çayların Demlenmesiyle Ortaya Çıkan Elementel Kompozisyon**
YENEL AVCI G. F., YAYLA M., MERCAN S., AÇIKKOL M.
1. Uluslararası TURAZ (Türkiye-Azerbaycan) Adli Tıp ve Patoloji Kongresi, Baku, Azerbaijan, 13 - 16 October 2016, pp.68-69
- XV. **Urine nickel concentrations of nickel sensitive patients a comparative study in Turkey**
MERCAN S., ÇELİK U., VEHİD H., ENGİN B., Şemen S., TÜRKMEN Z., AÇIKKOL M.
2nd International Congress of Forensic Toxicology, Ankara, Turkey, 26 - 30 May 2016, pp.222
- XVI. **Development of an hptlc method for the determination of patulin**
Kurada Ö., TÜRKMEN Z., BARUT T., MERCAN S., AÇIKKOL M.
2nd International Congress of Forensic Toxicology, Ankara, Turkey, 26 - 30 May 2016, pp.215
- XVII. **SPOR DESTEK ÜRÜNLERİNDEKİ CİNNARİZİNE'İN GC/MS İLE BELİRLENMESİ: SPOR SALONLARINDAKİ TEHLİKE**
Okuroğlu E., TÜRKMEN Z., MERCAN S., AÇIKKOL M.
13. Adli Bilimler Kongresi, Muğla, Turkey, 27 - 30 April 2016, pp.429
- XVIII. **İnorganik saç analizlerinde yöntem validasyonu**
MERCAN S., TÜRKMEN Z., Yayla M., AÇIKKOL M.
13. Adli Bilimler Kongresi, Muğla, Turkey, 27 - 30 April 2016, pp.427
- XIX. **A General Overview of Pesticides in Soil: Requirement of Sensitive and Current Residue Analysis Methods**
Semen S., Mercan S., Acikkol M.
6th Triennial Conference of the European-Academy-of-Forensic-Sciences, Hague, Netherlands, 20 - 24 August 2012, pp.163-180

- XX. **Development A Sequencing Procedure For Exons 6, 7 And 12 Of CYP3A4 For Interindividual Fentanyl Efficiency**
AÇIKKOL M., MERCAN S.
23 rd Congress of the International Academy of Legal Medicine (IALM), Dubai, United Arab Emirates, 19 - 21 December 2015, pp.304-305
- XXI. **CYP3A4*2, *3, *10, *17 alleles in fentanyl users**
Torun A., RAYİMOĞLU G., MERCAN S., Keskinbora K., AÇIKKOL M.
7th European Academy of Forensic Science Conference (EAFS), Prag, Czech Republic, 6 - 11 September 2015, pp.546
- XXII. **Recent problems in abuse and misuse of phentermine**
AÇIKKOL M., MERCAN S., Şemen S., TÜRKMEN Z.
7th European Academy of Forensic Science Conference, Prag, Czech Republic, 6 - 11 September 2015, pp.672
- XXIII. **Nickel release from imitation earrings in Turkey according to artificial sweat test**
MERCAN S., Şemen S., VEHİD H., Yayla M., TÜRKMEN Z., AÇIKKOL M.
7th European Academy of Forensic Science Conference, Prag, Czech Republic, 6 - 11 September 2015, pp.467
- XXIV. **Determination of warfarin by different chromatographic methods Homicide or misuse**
TÜRKMEN Z., KURT E. A., MERCAN S., Yediay F. E., Barut T., Yayla M., BERK S., ELVERDİ T., AÇIKKOL M.
7th European Academy of Forensic Science Conference, Prag, Czech Republic, 6 - 11 September 2015, pp.669
- XXV. **Isolation and chemical characterization of three synthetic cannabinoids to obtain in house reference standards**
TÜRKMEN Z., MERCAN S., Barut T., Yayla M., AÇIKKOL M., Topcu G.
7th European Academy of Forensic Science Conference, Prag, Czech Republic, 6 - 11 September 2015, pp.436
- XXVI. **The use of DNA analyses in cancer cases: a case of gastric cancer (?)**
YÜKSELOĞLU E. H., Rayimoğlu G., ÇAVUŞ F., KARATAŞ Ö., Daştan K., Ünsal T., DEMİRCAN Y. T., AÇIKKOL M.
7th EUROPEAN ACADEMY OF FORENSIC SCIENCE CONFERENCE, Prag, Poland, 6 - 11 September 2015, pp.115-116
- XXVII. **Investigation of the Relationship Between Demographic Factors and Global DNA Methylation and Hydroxymethylation Levels**
Şemen S., MERCAN S., HABİP Z., AÇIKKOL M.
7th European Academy of Forensic Science Conference (EAFS-2015), Prag, Czech Republic, 6 - 11 September 2015, pp.554
- XXVIII. **GÜNLÜK YAŞANTIDA NİKEL MARUZİYETİ İMİTASYON KÜPELERDEKİ NİKELSALIMININ İKİ YÖNTEM İLE KARŞILAŞTIRILMASI**
MERCAN S., VEHİD H., Şemen S., TÜRKMEN Z., AÇIKKOL M.
XII. ADLİ BİLİMLER KONGRESİ, Isparta, Turkey, 4 - 06 June 2015, pp.8
- XXIX. **PETİDİN İSTİSMARININ İDRARDA BELİRLENMESİ VE GERİ KAZANIM ÇALIŞMALARI**
TÜRKMEN Z., MERCAN S., Yayla M., BAVUNOĞLU I., AÇIKKOL M.
XII. ADLİ BİLİMLER KONGRESİ, Isparta, Turkey, 4 - 06 June 2015, pp.29
- XXX. **Determination of Pethidine in Urine and Its Recovery Efficiency**
TÜRKMEN Z., MERCAN S., Yayla M., BAVUNOĞLU I., AÇIKKOL M.
1st International Congress and Workshop of Forensic Toxicology, Ankara, Turkey, 29 - 30 November 2014, pp.128
- XXXI. **Determination of cypermethrin in soil by microwave assisted extraction and high performance thin layer chromatography**
Semen S., TÜRKMEN Z., MERCAN S., AÇIKKOL M.
10th Annual Meeting of the Balkan Academy of Forensic Sciences, Alexandropolis, Greece, 18 - 21 June 2014, pp.5
- XXXII. **Determination of sertraline intoxication in two suicide case from metropolis**
TÜRKMEN Z., AÇIKKOL M., BAVUNOĞLU I., CENGİZ S.
1st Regional TIAFT Meeting in Turkey, İzmir, Turkey, 8 - 10 May 2014, pp.78
- XXXIII. **A Past and Future Drug Abuse Problem: Cocaine**
AÇIKKOL M.
1st Regional TIAFT Meeting in Turkey, İzmir, Turkey, 8 - 10 May 2014, pp.23
- XXXIV. **Psikiyatrik Hastaların CYP2D6 polimorfizminin RT-PCR ile belirlenmesi ve Adli Farmakogenetik**

Açıdan Değerlendirilmesi

AÇIKKOL M., MERCAN S.

XI. Adli Bilimler Kongresi, Gazi Magosa, Cyprus (Kktc), 23 - 26 April 2014

- XXXV. **Direct Simultaneous Determination of Ketamin, Phenobarbital, Zopiclone, Zolpidem, Phenytoin and Thiopental in a Carbonated Caffeine Based Beverage using HPLC-DAD**
ÇAĞLAR ANDAÇ S., ANILANMERT B., NARİN P. D. İ., AÇIKKOL M.
Analytica Conference, Münih, Germany, 1 - 03 April 2014
- XXXVI. **poster presentation**
ÇAĞLAR S., Anılanmert B., Narin İ., AÇIKKOL M.
Analytica Conference 2014, Münih, Germany, 1 - 04 April 2014, pp.1
- XXXVII. **Sahtecilik ile Mücadeleye Analitik Yardımcı Lazer Aşındırma ICP MS LA ICP MS**
MERCAN S., TÜRKMEN Z., Türkdoğru S., AÇIKKOL M., CENGİZ S.
X. Adli Bilimler Sempozyumu Adli Sanat, Ankara, Turkey, 13 - 16 November 2013, pp.114
- XXXVIII. **Psikotrop Madde Kullanımında Güncel Sorunlar Katkı Maddeleri**
TÜRKMEN Z., MERCAN S., AÇIKKOL M., CENGİZ S.
X. Adli Bilimler Sempozyumu Adli Sanat, Ankara, Turkey, 13 - 16 November 2013, pp.144
- XXXIX. **Analysis Of Dried Blood Spot (DBS) In Forensic Toxicology**
ÇAVUŞ F., AÇIKKOL M., MERCAN S., ANILANMERT B.
BAFS, İstanbul, Turkey, 12 - 15 June 2013, pp.10
- XL. **A Fast And Cheap Determination Method For Ink Components In Questioned Documents Using HPLC**
İrten A., ANILANMERT B., ÇAVUŞ F., AÇIKKOL M., CENGİZ S.
BAFS- 9th Annual Meeting, İstanbul, Turkey, 12 - 15 June 2013, pp.5
- XLI. **A FAST AND CHEAP DETERMINATION METHOD FOR INK COMPONENTS IN QUESTIONED DOCUMENTS USING HPLC**
İrten A., ANILANMERT B., ÇAVUŞ YONAR F., AÇIKKOL M., CENGİZ S.
9th annual balkan academy of forensic sciences, İstanbul, Turkey, 12 - 15 June 2013
- XLII. **Abuse of prescription and over the counter medications**
AÇIKKOL M., MERCAN S., ÇAVUŞ F.
BAFS, İstanbul, Turkey, 12 June 2013 - 15 June 2015, pp.10
- XLIII. **Increasing Importance Of Ghb, Ketamine, Norketamine And Some New Methods Suggested For Their Simultaneous Anaysis In Urine With LC-MS/MS**
ÇAVUŞ F., ANILANMERT B., Yenal G., AÇIKKOL M., CENGİZ S., YENEL AVCI G. F.
BAFS- 9th Annual Meeting, İstanbul, Turkey, 12 - 15 June 2013, pp.5
- XLIV. **An unexpected drug determined on a prisoner's hair: Tropicamide**
TÜRKMEN Z., RAMADANOĞLU S. S., MERCAN S., Yayla M., AÇIKKOL M., CENGİZ S.
19th ENFSI Drugs Working Group Meeting, Dubrovnik, Croatia, 7 - 09 May 2013, pp.15
- XLV. **Saçta toksikolojik analiz**
TÜRKMEN Z., MERCAN S., AÇIKKOL M.
Türk Toksikoloji Derneği, II. Bölgesel Toksikoloji Sempozyumu Toksikolojide güncel konular, Eskişehir, Turkey, 3 - 04 May 2013, pp.10
- XLVI. **Kemoterapi Ajanlarıyla Tedavi Görenlerin İdrarlarındaki Yüksek Platin Konsantrasyonları**
MERCAN S., TÜRKMEN Z., AÇIKKOL M., CENGİZ S.
Türk Toksikoloji Derneği, II. Bölgesel Toksikoloji Sempozyumu Toksikolojide güncel konular, Eskişehir, Turkey, 3 - 04 May 2013, pp.10
- XLVII. **LC-MS/MS Method For Determination of GHB and Barbiturates**
ANILANMERT B., CENGİZ S., ÇAVUŞ F., Narin İ., AÇIKKOL M.
EAFS, The Hague, Netherlands, 20 - 24 August 2012, pp.344
- XLVIII. **Abuse and Misuse of Fentanyl**
ÇAVUŞ F., MERCAN S., AÇIKKOL M.
EAFS, The Hague, Netherlands, 20 - 24 August 2012, pp.357
- XLIX. **Determination of Fentanyl and Norfentanyl in Urine with LC-MS/MS**

AÇIKKOL M., ÇAVUŞ F., MERCAN S., Keskinbora K.

EAFS, The Hague, Netherlands, 20 - 24 August 2012, pp.358

- L. **Determination of Inter-Individually Variable Olanzapine Levels in Psychiatric Patients**
MERCAN S., TÜRKMEN Z., ÇAVUŞ F., AÇIKKOL M.
EAFS, The Hague, Netherlands, 20 - 24 August 2012, pp.357
- LI. **Requirements of Sensitive Methods for Pesticides Analysis in Soil in the Field of Environmental Forensics**
Şemen S., MERCAN S., TÜRKMEN Z., AÇIKKOL M.
6th European Academy of Forensic Science Conference, Hague, Netherlands, 20 - 24 August 2012, pp.393
- LII. **Simultaneous Determination of Some Common Date Rape Drugs and Barbiturates in Urine, Using LC/MS/MS**
ANILANMERT B., ÇAVUŞ F., Narin İ., AÇIKKOL M.
EsAn, Trabzon, Turkey, 27 - 30 June 2012, pp.53
- LIII. **Determination of Ethylglucuronide (Etg) in monitoring of alcohol abuse and treatment and forensic cases, and its importance,**
AÇIKKOL M., ANILANMERT B.
19th IAFS World Meeting 9th WPMO Triennial Meeting 5th MAFS MEETING, Madeira, Portugal, 12 - 17 September 2011
- LIV. **Social Evaluation of Drug Facilitated Crimes**
AÇIKKOL M., MERCAN S., ZİYALAR N.
19. IAFS World Meeting, 9. WPMO Triennial Meeting, 5. MAFS Meeting, Funchal-Maderia, Portugal, 12 - 17 September 2011, vol.1, no.1
- LV. **Importance of strategy and standardization for postmortem toxicological analysis**
AÇIKKOL M., MERCAN S., TÜRKMEN Z., SALKIM İŞLEK D.
4th Mediterranean Academy of Forensic Sciences Meeting, MAFS, Antalya, Turkey, 14 - 18 October 2009, pp.61
- LVI. **Determination of cypermethrin from soil by HPTLC**
AÇIKKOL M., Şemen S., TÜRKMEN Z., MERCAN S.
6th Balkan Academic Forensic Sciences Congress, Kavala, Greece, 18 - 21 June 2009, pp.405
- LVII. **Adli Bilimlerde Yüksek Performanslı İnce Tabaka Kromatografisi ve Uygulamaları**
TÜRKMEN Z., SALKIM İŞLEK D., AÇIKKOL M., CENGİZ S.
14. Ulusal Adli Tıp Günleri Konferansı, Antalya, Turkey, 17 - 21 October 2007, pp.217-220
- LVIII. **Adli örneklere uygulanan ekstraksiyon yöntemleri**
SALKIM İŞLEK D., AÇIKKOL M., TÜRKMEN Z., CENGİZ S.
14. Ulusal Adli Tıp Günleri Konferansı, Antalya, Turkey, 17 - 21 October 2007, pp.382-385
- LIX. **A rapid screening procedure for drugs and poisons in gastric content by HPTLC**
TÜRKMEN Z., MERCAN S., AÇIKKOL M., BAVUNOĞLU I.
XV. Congress of Balkan Clinical Laboratory Federation, Antalya, Turkey, 4 - 07 September 2007, pp.174

Other Publications

- I. **DETERMINATION OF PETHIDINE IN URINE AND ITS RECOVERY EFFICIENCY**
TÜRKMEN Z., MERCAN S., Yayla M., BAVUNOĞLU I., AÇIKKOL M.
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- II. **DETERMINATION OF PETHIDINE IN URINE AND ITS RECOVERY EFFICIENCY**
TÜRKMEN Z., MERCAN S., Yayla M., BAVUNOĞLU I., AÇIKKOL M.
Presentation, pp.71, 2015

Supported Projects

MERCAN S., TÜRKMEN Z., AÇIKKOL M., TEKİN T., KULOĞLU M., AŞICIOĞLU F., Project Supported by Higher Education Institutions, Atık sudan yasadışı madde analizinde bazı çekitleme yöntemlerinin araştırılması, 2017 - 2018

TÜRKMEN Z., AÇIKKOL M., KOLDAŞ M., MERCAN S., BAVUNOĞLU I., AŞICIOĞLU F., YENİOCAK S., ÖZTÜRK S., Project Supported by Higher Education Institutions, Acil Servise başvuran yeni nesil uyuşturucu kullanıcılarının klinik ve toksikolojik değerlendirmesi, 2017 - 2018

MERCAN S., TÜRKMEN Z., DOĞUSAN GÖKÇE N., SÖĞÜT Ö., YENİOCAK S., AÇIKKOL M., Project Supported by Higher Education Institutions, Yaralamalı Trafik Kazalarında Alkol ve Bazı Benzodiazepin Grubu İlaçların Aranması ve Yöntem Optimizasyonu, 2016 - 2018

TÜRKMEN Z., AÇIKKOL M., OKUROĞLU E., MERCAN S., BAVUNOĞLU I., Project Supported by Higher Education Institutions, SPORCU BESİN DESTEK ÜRÜNLERİNİN TOKSİKOLOJİK AÇIDAN İNCELENMESİ, 2016 - 2018

MERCAN S., AÇIKKOL M., TÜRKMEN Z., KULOĞLU M., TEKİN T., SERİN İ., BAVUNOĞLU I., Project Supported by Higher Education Institutions, Exploitation of cancer patient with mystical herbal preparations A case report, 2017 - 2017

TÜRKMEN Z., DOĞUSAN GÖKÇE N., SÖĞÜT Ö., ÖZTÜRK S., AÇIKKOL M., MERCAN S., KOLDAŞ M., Project Supported by Higher Education Institutions, Preliminary study for driving under the influence of Alprazolam, Clonazepam and Diazepam in Istanbul, 2017 - 2017

MERCAN S., TÜRKMEN Z., KARTAL Ü., KULOĞLU M., SAFRAN A. N., AÇIKKOL M., AŞICIOĞLU F., DOĞRU A. Ö., Project Supported by Higher Education Institutions, Yasadışı Madde Kullanımının Coğrafi Bilgi Sistemi Kullanılarak Atık Sularda İzlenmesi, 2017 - 2017

MERCAN S., ÇELİK U., ŞEMEN S., VEHİD H., TÜRKMEN Z., AÇIKKOL M., Project Supported by Higher Education Institutions, Nickel release from imitation jewelry purchased in Istanbul: Comparison of two methods, 2016 - 2016

MERCAN S., AÇIKKOL M., TÜRKMEN Z., YAYLA M., Project Supported by Higher Education Institutions, İNORGANİK SAÇ ANALİZİNDE YÖNTEM VALİDASYONU, 2016 - 2016

TÜRKMEN Z., MERCAN S., AÇIKKOL M., OKUROĞLU E., Project Supported by Higher Education Institutions, SPOR DESTEK ÜRÜNLERİNDEKİ CİNNARİZİNE'İN GCMS İLE BELİRLENMESİ:SPOR SALONLARINDAKİ TEHLİKE, 2016 - 2016

MERCAN S., ŞEMEN S., Project Supported by Higher Education Institutions, YAŞAM ALIŞKANLIKLARI İLE GLOBAL DNA METİLASYON VE HİDROKSİMETİLASYON DÜZEYLERİ ARASINDAKİ İLİŞKİNİN ARAŞTIRILMASI, 2015 - 2016

Metrics

Publication: 83
Citation (WoS): 50
Citation (Scopus): 51
H-Index (WoS): 4
H-Index (Scopus): 4

Congress and Symposium Activities

Uluslararası TURAZ (Türkiye-Azerbaycan) Adli Tıp ve Patoloji Kongresi, Attendee, Baku, Azerbaijan, 2016
2nd Regional Meeting of The TIAFT, Antalya, Attendee, Antalya, Turkey, 2016
2nd International Congress of Forensic Toxicology, May 26- 30, 2016, Turkey, Attendee, Ankara, Turkey, 2016

Non Academic Experience

Other Public Institution, T.C. Adalet Bakanlığı Adli Tıp Kurumu Başkanlığı, Analitik Kimya
Other Public Institution, T.C. Adalet Bakanlığı Adli Tıp Kurumu Başkanlığı, Araştırma Bölümü