

Prof. NEŞE KIRIMER

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Education

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (Dr), Turkey 1982 - 1986

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Turkey 1969 - 1973

Dissertations

Doctorate, Thalictrum minus var minus alkaloidleri, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (Dr), 1986

Academic Positions

Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1998 - Continues

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1992 - 1998

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1987 - 1992

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1973 - 1986

Academic and Administrative Experience

Anadolu University, 2011 - Continues

Anadolu University, 2007 - 2010

Anadolu University, 1999 - 2000

Anadolu University, 1996 - 1999

Anadolu University, 1993 - 1996

Courses

Doctorate

İLERİ FARMAKOGNOZİ I, Doctorate, 2013 - 2014

ETNOFARMAKOGNOZİ, Doctorate, 2013 - 2014, 2010 - 2011

Postgraduate

Fitoterapinin Prensipleri, Postgraduate, 2013 - 2014

Bitki Kimyasına Giriş, Postgraduate, 2013 - 2014

Sekonder Metabolitler II, Postgraduate, 2013 - 2014

FİTOTERAPİDE KULLANILAN DROGLAR, Postgraduate, 2013 - 2014, 2012 - 2013

Undergraduate

FARMAKOGNOZİ I, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007

- 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004

FARMAKOĞNOZİ II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

FARMAKOĞNOZİ III, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Associate Degree

TIBBİ VE AROMATİK BİTKİLERİN PAZARLANMASI, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011

BİTKİ KİMYASI VE ANALİZ YÖNTEMLERİ I, Associate Degree, 2011 - 2012

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Origanum minutiflorum: phytochemical profile and inhibitory effects on key enzymes associated with inflammation**
Yıldız G., TEMEL H. E., AĞALAR H. G., KIRIMER N.
PLANT BIOSYSTEMS, no.4, pp.858-864, 2023 (SCI-Expanded)
- II. **In vitro Propagation and Volatile Compound Characterization of Lavandula stoechas L. subsp. stoechas-An Economically Important Source of Essential Oil**
Mokhtarzadeh S., DEMİRCİ B., AĞALAR H. G., Khawar K. M., KIRIMER N.
RECORDS OF NATURAL PRODUCTS, vol.13, no.2, pp.121-128, 2019 (SCI-Expanded)
- III. **Determination of Volatile Components in Thymus vulgaris L. under in vitro Conditions**
Mokhtarzadeh S., DEMİRCİ B., Khawar K. M., KIRIMER N.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.21, no.1, pp.277-281, 2018 (SCI-Expanded)
- IV. **Activity Guided Fractionation of Arum italicum Miller Tubers and the LC/MS-MS Profiles**
AĞALAR H. G., Ciftci G. A., GÖGER F., KIRIMER N.
RECORDS OF NATURAL PRODUCTS, vol.12, no.1, pp.64-75, 2018 (SCI-Expanded)
- V. **Phytochemical profiling of volatile components of Lavandula angustifolia Miller propagated under in vitro conditions**
KIRIMER N., Mokhtarzadeh S., DEMİRCİ B., GÖGER F., Khawar K. M., DEMİRCİ F.
INDUSTRIAL CROPS AND PRODUCTS, vol.96, pp.120-125, 2017 (SCI-Expanded)
- VI. **Characterization of volatile components in Melissa officinalis L. under in vitro conditions**
Mokhtarzadeh S., DEMİRCİ B., Goger G., Khawar K. M., KIRIMER N.
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.29, no.4, pp.299-303, 2017 (SCI-Expanded)
- VII. **The volatile compounds of the elderflowers extract and the essential oil**
AĞALAR H. G., DEMİRCİ B., DEMİRCİ F., KIRIMER N.
Records of Natural Products, vol.11, no.5, pp.491-496, 2017 (SCI-Expanded)
- VIII. **Essential Oil Constituents of Phlomis pungens Willd. from Azerbaijan**
KIRIMER N., Suleymanov T. A., KÜRKÇÜOĞLU M., Nazemiyeh H., Shukurova A. S., Jouyban A.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.20, no.6, pp.1492-1501, 2017 (SCI-Expanded)
- IX. **DETERMINATION OF PHENOLIC COMPOUNDS, CYTOTOXIC, ANTIOXIDANT AND ANTICANDIDAL EFFECTS OF TRIBULUS TERRESTRIS L. (ZYGOPHYLLACEAE)**
KÜÇÜK S., GÖGER F., İŞCAN G., ÖZDEMİR F., KIRIMER N., Incesu Z.
FRESENIUS ENVIRONMENTAL BULLETIN, no.8, pp.5434-5440, 2017 (SCI-Expanded)
- X. **The LC/ESI-MSMS Profiles and Biological Potentials of Vitex agnus castus Extracts**
AĞALAR H. G., AKALIN ÇİFTÇİ G., Yıldırım S. U., GÖGER F., KIRIMER N.
NATURAL PRODUCT COMMUNICATIONS, vol.11, no.11, pp.1655-1660, 2016 (SCI-Expanded)
- XI. **Composition of the Essential Oil of Marrubium anisodon C. Koch of Turkish Origin**
KIRIMER N., KÜRKÇÜOĞLU M., Akgül G., Başer K. H. C., Mahmoud A. A.
Records of Natural Products, vol.9, no.2, pp.234-236, 2015 (SCI-Expanded)
- XII. **Antimicrobial and Antioxidant Activities of Stachys lavandulifolia subsp. lavandulifolia Essential Oil and its Infusion**

- İŞCAN G., DEMİRCİ B., DEMİRCİ F., GÖGER F., KIRIMER N., KÖSE Y. B., BAŞER K. H. C.
NATURAL PRODUCT COMMUNICATIONS, vol.7, no.9, pp.1241-1244, 2012 (SCI-Expanded)
- XIII. **Biotransformation of (-)-(R)- α -Phellandrene: Antimicrobial Activity of Its Major Metabolite**
İŞCAN G., KIRIMER N., DEMİRCİ F., DEMİRCİ B., Noma Y., BAŞER K. H. C.
CHEMISTRY & BIODIVERSITY, vol.9, no.8, pp.1525-1532, 2012 (SCI-Expanded)
- XIV. **Investigation for anti-inflammatory and anti-thrombotic activities of methanol extract of *Capparis ovata* buds and fruits**
BEKTAŞ TÜRKMEN N., ARSLAN R., GÖGER F., KIRIMER N., ÖZTÜRK Y.
JOURNAL OF ETHNOPHARMACOLOGY, vol.142, no.1, pp.48-52, 2012 (SCI-Expanded)
- XV. **Alkaloids of *Aconitum nasutum* Fisch ex Reichb.**
ALTINTAŞ A., KIRIMER N., Salimov B., BAŞER K. H. C.
ASIAN JOURNAL OF CHEMISTRY, vol.23, no.4, pp.1873-1874, 2011 (SCI-Expanded)
- XVI. **Volatile Compounds of Seeds of *Hesperis bicuspidata*, *H. bottae* and *H. podocarpa***
KIRIMER N., Gokmen S., Demirci B., BAŞER K. H. C., DURAN A.
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.22, no.3, pp.230-231, 2010 (SCI-Expanded)
- XVII. **Biotransformation of α -Cedrol and Caryophyllene Oxide by the Fungus *Neurospora crassa***
KIRAN İ., Durceylan Z., KIRIMER N., BAŞER K. H. C., Noma Y., DEMİRCİ F.
NATURAL PRODUCT COMMUNICATIONS, vol.5, no.4, pp.515-518, 2010 (SCI-Expanded)
- XVIII. **Inhibition of NF-kappa B-mediated transcription and induction of apoptosis in human breast cancer cells by epoxypseudoisoeugenol-2-methyl butyrate**
Ma G., Tabanca N., BAŞER K. H. C., KIRIMER N., Pasco D. S., Khan I. A., Khan S. I.
CANCER CHEMOTHERAPY AND PHARMACOLOGY, vol.63, no.4, pp.673-680, 2009 (SCI-Expanded)
- XIX. **Acaricidal efficacy of *Origanum onites* L. essential oil against *Rhipicephalus turanicus* (Ixodidae)**
Coskun S., GİRİŞGİN O., KÜRKCÜOĞLU M., Malyer H., GİRİŞGİN A. O., KIRIMER N., Baser K. H.
Parasitology Research, vol.103, no.2, pp.259-261, 2008 (SCI-Expanded)
- XX. **Effect of essential oils and isolated compounds from *Pimpinella* species on NF-kappa B: A target for antiinflammatory therapy**
Tabanca N., Ma G., Pasco D. S., Bedir E., Kirimer N., Baser K. H. C., Khan I. A., Khan S. I.
PHYTOTHERAPY RESEARCH, vol.21, no.8, pp.741-745, 2007 (SCI-Expanded)
- XXI. **Recent advances in the chemistry and biological activities of the *Pimpinella* species of Turkey**
Baser K. H. C., Tabanca N., Kirimer N., Bedir E., Khan I. A., Wedge D. E.
PURE AND APPLIED CHEMISTRY, vol.79, no.4, pp.539-556, 2007 (SCI-Expanded)
- XXII. **Composition of the essential oil of *Phlomis nissolii* L.**
Kirimer N., Huesnue K., Baser K. H. C., Kuerkcueoglu M.
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.18, no.6, pp.600-601, 2006 (SCI-Expanded)
- XXIII. **Gas chromatographic-mass spectrometric analysis of essential oils from *Pimpinella* species gathered from Central and Northern Turkey**
Tabanca N., DEMİRCİ B., ÖZEK T., KIRIMER N., Baser K. H. C., Bedir E., Khan I. A., Wedge D. E.
Journal of Chromatography A, vol.1117, no.2, pp.194-205, 2006 (SCI-Expanded)
- XXIV. **Determination of the free radical scavenging activity of *Lycium* extracts**
Kosar M., ALTINTAŞ A., KIRIMER N., Baser K.
Khimiya Prirodnykh Soedinenii, vol.2003, no.6, pp.439-442, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. *Origanum minutiflorum* O. Schwarz et P. H. Davis essential oil: enzyme inhibitory activities and chemical composition
Yıldız G., Demirci B., TEMEL H. E., KIRIMER N.
JOURNAL OF RESEARCH IN PHARMACY, vol.27, no.5, pp.2160-2169, 2023 (ESCI)
- II. **Acetylcholinesterase inhibitory activities and LC-MS analysis of the antioxidant *Ferula caspica* M.**

Bieb. and F. halophila Pesmen extracts

KAHRAMAN Ç., BAYSAL İ., ÇANKAYA İ. İ., GÖGER F., KIRIMER N., AKDEMİR Z. Ş.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.3, pp.543-551, 2019 (ESCI)

- III. **Biological activities and luteolin derivatives of Verbascum eskisehirensis Karavel., Ocak & Ekici**
ÖZTÜRK G., AĞALAR H. G., YILDIZ G., GÖGER F., KIRIMER N.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.3, pp.532-542, 2019 (ESCI)
- IV. **Essential oils of anatolian lamiaceae-An update**
Başer K. H. C., Kırimer N.
Natural Volatiles and Essential Oils, vol.5, no.4, pp.1-28, 2018 (Scopus)
- V. **Essential oil composition of Stachys obliqua Waldst. et Kit.**
DEMİRCİ B., Yıldız G., KIRIMER N., Ocak A., Başer K.
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- VI. **Biological evaluation of 2,5-dimethyl-1,4-benzoquinone biotransformation metabolite**
AĞALAR H. G., İŞCAN G., NOMA Y., ATLI EKİÖĞLU Ö., DEMİRCİ F., KIRIMER N.
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- VII. **Microbial transformation of p cymene**
Jivishov E., KIRIMER N., İŞCAN G.
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- VIII. **Anatomical Investigations on Three Varieties of Thalictrum minus L Growing in Turkey**
KAYA A., KIRIMER N.
Turk J Pharc. Science, vol.12, no.3, pp.305-314, 2015 (Scopus)
- IX. **Anatomical investigations on three varieties of Thalictrum minus L. Growing in Turkey Türkiye’de yetişen Thalictrum minus L.’un üç varyetesi Üzerinde anatomik araştırmalar**
KAYA A., KIRIMER N.
Turkish Journal of Pharmaceutical Sciences, vol.12, no.3, pp.305-314, 2015 (Scopus)
- X. **Some phytochemical investigations of jerusalem sage (Phlomis pungens Willd.) TİKANLI ODOTU (Phlomis pungens Willd.) NÖVÜNÜN Binverted eZİ FİTOKİMYinverted eVİ Tinverted eDQİQİ**
Süleymanov T. A., KIRIMER N., Şükurova A. E. S.
Azerbaijan Pharmaceutical and Pharmacotherapy Journal, vol.13, no.2, pp.22-25, 2013 (Scopus)
- XI. **Microbiological safety controls of selected hydrosols and their volatile compounds**
KIRIMER N., Koseoglu C., İŞCAN G., KÜRKÇÜOĞLU M., Baser K. H. C.
MARMARA PHARMACEUTICAL JOURNAL, vol.16, no.1, pp.23-28, 2012 (ESCI)
- XII. **Patterns of essential oil relationships in Pimpinella (Umbelliferae) based on phylogenetic relationships using nuclear and chloroplast sequences**
Tabanca N., Douglas A. W., Bedir E., Dayan F. E., KIRIMER N., Baser K. H. C., AYTAÇ Z., Khan I. A., Scheffler B. E.
Plant Genetic Resources: Characterisation and Utilisation, vol.3, no.2, pp.149-169, 2005 (Scopus)
- XIII. **Recent studies on the alkaloids of Anatolian Thalictrum species**
Erdemgil F. Z., Kemal Hüsnü Can B., KIRIMER N.
ACTA PHARMACEUTICA TURCICA, vol.42, no.3, pp.185-188, 2001 (Scopus)
- XIV. **The essential oils of two new satureja species from Turkey: Satureja pilosa and S. Icarica**
Tümen G., KIRIMER N., Ermin N.
Journal of Essential Oil Research, vol.10, no.5, pp.524-526, 1998 (Scopus)
- XV. **Pulegone-rich essential oils of Turkey**
Baser K., KIRIMER N., Tümen G.
Journal of Essential Oil Research, vol.10, no.1, pp.1-8, 1998 (Scopus)
- XVI. **Composition of the essential oil of thymus canoviridis jalas**
Baser K., KIRIMER N., Tümen G., DUMAN H.
Journal of Essential Oil Research, vol.10, no.2, pp.199-200, 1998 (Scopus)
- XVII. **Composition of the essential oil of Sideritis condensata Boiss. et heldr.**
KIRIMER N., KÜRKÇÜOĞLU M., ÖZEK T., Başer K., Tümen G.
Flavour and Fragrance Journal, vol.11, no.5, pp.315-320, 1996 (Scopus)

- XVIII. **Essential oil composition of three labiatae endemic to turkey (*micromeria fruticosa* (L.) druce subsp. *giresunica* P.H. Davis, *sideritis lycia* boiss. et heldr. and *S. Arguta* Boiss. et heldr.)**
Baser K. H. C., KIRIMER N., ÖZEK T., Tümen G., Karaer F.
Journal of Essential Oil Research, vol.8, no.6, pp.699-701, 1996 (Scopus)
- XIX. **Composition of essential oils from three varieties of *thymus praecox* opiz growing in Turkey**
Baser K., KIRIMER N., Ermin N., ÖZEK T., Tümen G.
Journal of Essential Oil Research, vol.8, no.3, pp.319-321, 1996 (Scopus)
- XX. **Essential oil of *cyclotrichium origanifolium* (Labill.) Manden. et scheng. From Turkey**
Baser K., KIRIMER N., KÜRKÇÜOĞLU M., ÖZEK T., Tümen G.
Journal of Essential Oil Research, vol.8, no.5, pp.569-570, 1996 (Scopus)
- XXI. **Composition of the essential oil of *aloesia triphylla* (L'herit.) britton grown in Turkey**
ÖZEK T., KIRIMER N., Baser K., Tümen G.
Journal of Essential Oil Research, vol.8, no.5, pp.581-583, 1996 (Scopus)
- XXII. **Essential oil of *Micromeria carminea* P.H. Davis**
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- XXIII. **Essential oil of *Origanum saccatum* P. H. Davis**
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Journal of Essential Oil Research, vol.7, no.2, pp.175-176, 1995 (Scopus)
- XXIV. **Essential oil of *Sideritis hispida* P. H. Davis, an endemic species from Turkey**
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- XXV. **The essential oil of *Thymus bornmuelleri* Velen.**
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- XXVI. **Essential oil composition of four *Origanum vulgare* subspecies of Anatolian origin**
Sezik E., Tümen G., KIRIMER N., ÖZEK T., Baser K.
Journal of Essential Oil Research, vol.5, no.4, pp.425-431, 1993 (Scopus)
- XXVII. **The essential oil of *Laser trilobum* fruit of Turkish origin**
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Journal of Essential Oil Research, vol.5, no.4, pp.365-369, 1993 (Scopus)
- XXVIII. **The occurrence of three chemotypes of *Thymus longicaulis* C. Presl. subsp. *longicaulis* in the same population**
Baser K., ÖZEK T., KIRIMER N., Tümen G.
Journal of Essential Oil Research, vol.5, no.3, pp.291-295, 1993 (Scopus)
- XXIX. **The Essential Oil of *Micromeria fruticosa* (L.) Druce subsp. *barbata* (Boiss & Kotschy) P. H. Davis of Turkish Origin**
KIRIMER N., Tümen G., ÖZEK T., Baser K.
Journal of Essential Oil Research, vol.5, no.1, pp.79-80, 1993 (Scopus)
- XXX. **The essential oil of *Micromeria fruticosa* (L.) Druce subsp. *serpyllifolia* (Bieb.) P. H. Davis**
KIRIMER N., ÖZEK T., Baser K., Harmandar M.
Journal of Essential Oil Research, vol.5, no.2, pp.199-200, 1993 (Scopus)
- XXXI. **The essential oil of *Salvia pomifera* L.**
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- XXXII. **Chromosome aberrations induced by aflatoxin B1 in rat bone marrow cells in vivo and their suppression by *Ecballium elaterium***
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- XXXIII. **Characterization of the Essential Oil of *Sideritis dichotoma***
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- Journal of Essential Oil Research, vol.4, no.6, pp.641-642, 1992 (Scopus)
- XXXIV. **Composition of the essential oil of Calamintha nepeta subsp. glandulosa**
KIRIMER N., Baser K., ÖZEK T., KÜRKÇÜOĞLU M.
Journal of Essential Oil Research, vol.4, no.2, pp.189-190, 1992 (Scopus)
- XXXV. **The essential oil of Thymus pectinatus Fisch. et Mey. var. pectinatus**
Baser K., KIRIMER N., ÖZEK T., KÜRKÇÜOĞLU M., Tümen G.
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- XXXVI. **Composition of the essential oil of Micromeria myrtifolia Boiss. Et Hohen**
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- XXXVII. **The essential oil of Micromeria fruticosa (L.) druce ssp. brachycalyx P. H. Davis**
KIRIMER N.
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- XXXVIII. **Composition of the essential oils of two subspecies of Sideritis germanicopolitana bornm.**
KIRIMER N., KOCA F., Baser K., ÖZEK T., Tanriverdi H., KAYA A.
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- XL. **Alkaloids of anatolian Thalictrum aquilegifolium**
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- I. **Arum maculatum L. Yumruları Üzerinde Araştırmalar**
AĞALAR H. G., KIRIMER N.
II. Aroid Çalıştay, Şanlıurfa, Turkey, 27 - 29 September 2018, (Summary Text)
- II. **Antimicrobial Activities and Fatty Acid Compositions of Kumquat, Limequat and Mexican Lime Seeds**
AĞALAR H. G., TEMİZ B., ÖZTÜRK G., DEMİRCİ B., KIRIMER N.
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- III. **Composition of the Essential Oil of Hypericum lanuginosum Lam. var. lanuginosum Lam.**
YILDIZ G., KÜRKÇÜOĞLU M., KIRIMER N.
The Fourth International Mediterranean Symposium on Medicinal and Aromatic Plants (4th MESMAP 2018), Antalya, Turkey, 18 - 22 April 2018, (Summary Text)
- IV. **Volatile Components of Various Parts of Pistacia terebinthus L. spp. palaestina (Boiss.)**
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- V. **Antioxidant Activities and Essential Oil Compositions of Angelica sylvestris var. sylvestris**
AĞALAR H. G., GÖGER F., DEMİRCİ B., KIRIMER N.
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- VI. **Biological Activities and LC/MS-MS Profile of Verbascum eskisehirensis endemic to Eskisehir, Turkey**
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- VII. **Volatile Components of Various Parts of Pistacia terebinthus L. subsp. palaestina (Boiss.),**
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- VIII. **Biological Activities and Phytochemical Analyzes of Arum italicum Miller Tubers**
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- IX. **Essential Oil Composition of *Stachys obliqua* Waldst Et Kit**
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- X. **Determination of phenolic compounds of *Tribulus terrestris* Zygophyllaceae**
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- XI. **A Mini Review of The Ethnobotanical Uses of Some Berry Like Fruits in Turkey**
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- XII. **Bitkilerin Büyülü Dünyası Aromaterapi**
GÜLSOY TOPLAN G., KÜRKÇÜOĞLU M., KIRIMER N., MAT A.
XII. Türk Eczacılık Tarihi Toplantısı, Eskişehir, Turkey, 1 - 03 June 2016, (Summary Text)
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