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Education Information

Doctorate, Istanbul University, Eczacılık Fakültesi/Sağlık Bilimleri, Farmakognozi Anabilim Dalı, Turkey 2012 - 2016

Postgraduate, Istanbul University, Faculty Of Pharmacy , Farmakognozi Ad/ Fitoterapi , Turkey 2008 - 2011

Undergraduate, Istanbul University, Faculty Of Pharmacy , Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, 1D, 2D NMR Teknikleri İle Doğal Bileşik Yapı Tayini Pratik Çalışma, Ankara Üni., 2013

Education Management and Planning, Hastalıkların Moleküler Mekanizmaları Hücre Ölüm Yöntemleri Kursu', DETAE, 2013

Education Management and Planning, Workshop on Plant Products Chemistry& International Symposium on Medicinal Aromatic Plants,, Ege Üni., 2013

Dissertations

Doctorate, COLCHICUM MICRANTHUM VE COLCHICUM CHALCEDONICUM ÜZERİNDE FARMAKOĞNOZİK ARAŞTIRMALAR, Istanbul University, Faculty of Pharmacy , Farmakognozi Anabilim Dalı, 2016

Postgraduate, Vitex agnus-castus Meyvelerinin Fitoterapi Açısından Değerlendirilmesi, Istanbul University, Faculty of Pharmacy , Farmakognozi Ad, 2011

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

Academic Titles / Tasks

Research Assistant PhD, Istanbul University, Faculty of Pharmacy , Farmakognozi Ad, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Antioxidant, antimicrobial, anti-urease and cytotoxic activities of various extracts from *Scutellaria sibthorpii* endemic to Cyprus**
Toplan G. G., TAŞKIN T., Oztas E., Hacıoglu M., Tufan S., SARIYAR G., Mat A.
INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE, vol.21, no.3, pp.522-530, 2022 (SCI-Expanded)
- II. **Phytochemical screening and biological evaluation of *Salvia hydrangea* Dc. ex Benth. growing in eastern Anatolia**
Toplan G. G., KÜRKCÜOĞLU M., GÖGER F., TAŞKIN T., Civas A., İŞCAN G., Ecevit-Genc G., Mat A., Baser K. H. C.
SOUTH AFRICAN JOURNAL OF BOTANY, vol.147, pp.799-807, 2022 (SCI-Expanded)
- III. **Comparative Studies on Essential Oil and Phenolic Content with In Vitro Antioxidant, Anticholinesterase, Antimicrobial Activities of *Achillea biebersteinii* Afan. and *A. millefolium* subsp. *millefolium* Afan. L. Growing in Eastern Turkey**
Toplan G. G., TAŞKIN T., İŞCAN G., GÖGER F., KÜRKCÜOĞLU M., Civas A., Ecevit-Genc G., Mat A., Baser K. H. C.
MOLECULES, vol.27, no.6, 2022 (SCI-Expanded)
- IV. **Phytochemical composition and pharmacological activities of *Teucrium polium* L. Collected from eastern Turkey**
Gülsoy Toplan G., Göger F., TAŞKIN T., ECEVİT GENÇ G., Civaş A., İŞCAN G., KÜRKCÜOĞLU M., Mat A., Başer K. H. C.
Turkish Journal of Chemistry, vol.46, no.1, pp.269-282, 2022 (SCI-Expanded)
- V. **Identification, antioxidant and cytotoxic potentials of casticin in *Vitex agnus-castus* fruit from different geographical regions of Turkey**
Toplan G. G., Eroglu Ozkan E., Taşkın T., Abudayyak M. F., Mat A., Sarıyar G.
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.19, pp.1277-1284, 2020 (SCI-Expanded)
- VI. **Chemical Constituents of the Different Parts of *Colchicum micranthum* and *C. chalcedonicum* and their Cytotoxic Activities**
Gulsoy-Toplan G., GÖGER F., Yildiz-Peko A., Gibbons S., SARIYAR G., Mat A.
NATURAL PRODUCT COMMUNICATIONS, vol.13, no.5, pp.535-538, 2018 (SCI-Expanded)
- VII. **Ethnobotanical usage of plants as aphrodisiac agents in Anatolian folk medicine**
TUFAN S., GÜLSOY TOPLAN G., MAT A.
e-Marmara Medical Journal (elektronik), vol.22, no.2, pp.142-151, 2018 (SCI-Expanded)
- VIII. **Transcriptomic analysis displays the effect of (-)-roemerine on the motility and nutrient uptake in *Escherichia coli***
Ayyildiz D., ARĞA K. Y., Avci F. G., ALTINIŞIK KAYA F. E., Gurer C., Toplan G. G., KAZAN D., Wozny K., Bruegger B., MERTOĞLU B., et al.
CURRENT GENETICS, vol.63, no.4, pp.709-722, 2017 (SCI-Expanded)
- IX. **Variation of alkaloid contents and antimicrobial activities of *Papaver rhoeas* L. growing in Turkey and northern Cyprus**
Coban I., Toplan G. G., Ozbek B., Gurer C. U., Sarıyar G.
PHARMACEUTICAL BIOLOGY, vol.55, no.1, pp.1894-1898, 2017 (SCI-Expanded)
- X. **Composition and biological activities of *Salvia veneris* Hedge growing in Cyprus**
Toplan G. G., KÜRKCÜOĞLU M., GÖGER F., İŞCAN G., AĞALAR H. G., Mat A., Baser K. H. C., Koyuncu M., SARIYAR G.
INDUSTRIAL CROPS AND PRODUCTS, vol.97, pp.41-48, 2017 (SCI-Expanded)
- XI. **Composition of the essential oils from samples of *Vitex agnus-castus* L. growing in Turkey**
Toplan G. G., KÜRKCÜOĞLU M., BAŞER K. H. C., Sarıyar G.
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.27, no.4, pp.337-342, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Quality of turmeric powder in herbal stores: pharmacognostical investigations on turmeric powders obtained from herbal stores in Istanbul, Turkey**

Kuruldak E., Yilmaz F. N., Toplan G. G., Celik B. O., Mat A.

ISTANBUL JOURNAL OF PHARMACY, vol.51, no.1, pp.92-97, 2021 (ESCI)

II. Importance of Colchicum species in modern therapy and its significance in Turkey

GÜLSOY TOPLAN G., GÜRER Ç., MAT A.

J. Fac. Pharm. Istanbul / İstanbul Ecz. Fak. Derg., vol.46, no.2, pp.129-144, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Antibacterial Activity of Anthemis tricolor Boiss. from Cyprus**
GÜLSOY TOPLAN G., TÜYSÜZ M., MAT A., SARIYAR G.
65th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Basel, Switzerland, 3 - 07 September 2017, pp.1
- II. **'Antibacterial activities of Teucrium kotschyianum from Turkey'**
GÜLSOY TOPLAN G., TAN N., bilgin m., güleç m., tan E.
65th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Basel, Switzerland, 3 - 07 September 2017, pp.1
- III. **Antimicrobial Activity of Various Extracts From Salvia chionantha**
GÜLSOY TOPLAN G., TAN N., TAN E., AKALIN URUŞAK E., UZUN M.
International Symposium on Advances in Lamiaceae Science, 26 - 29 April 2017
- IV. **Antimicrobial and cytotoxic activity of various extracts from Scutellaria sibthorpii**
Tufan S., GÜLSOY TOPLAN G., ÖZTAŞ E., TÜYSÜZ M., MAT A., SARIYAR G.
International Symposium on Advances in Lamiaceae Science, Antalya, Turkey, 26 - 29 April 2017, pp.90
- V. **Biological activity of Papaver syriacum from Turkey**
GÜLSOY TOPLAN G., GÜRER Ç., ÖZSOY N., KÜLTÜR Ş., SARIYAR G., MAT A.
The 29th International Symposium on the Chemistry of Natural Products (ISCNP-29) and The 9th International Conference on Biodiversity (ICOB-9), İzmir, Turkey, 24 - 27 September 2016, pp.139
- VI. **Biological Activity of Papaver syriacum from Turkey**
GÜLSOY TOPLAN G., GÜRER Ç., ÖZSOY N., KÜLTÜR Ş., SARIYAR Z. G., MAT A.
The 29 th International Symposium on the Chemistry of Natural Products (ISCNP-29) and The 9th International Conference on Biodiversity (ICOB-9), İzmir, Turkey, 24 - 27 September 2016
- VII. **Chemical composition and antimicrobial activity of Teucrium kotschyianum**
GÜLSOY TOPLAN G., TAN N., İŞCAN G., GÜRER Ç., DEMİRCİ B.
47th International Symposium of Essential Oils, 11 - 14 September 2016
- VIII. **Chemical composition and antimicrobial activity of the essential oil from Teucrium kotschyianum**
GÜLSOY TOPLAN G., TAN N., İŞCAN G., GÜRER Ç., DEMİRCİ B.
47th International Symposium on Essential Oils, 11 - 14 September 2016
- IX. **Endemik bir tür olan Colchicum micranthum Boiss. türünün alkaloitleri ve sitotoksik aktivitesi**
MAT A., GÜLSOY TOPLAN G., SARIYAR G., YILDIZ PEKÖZ A.
XXII.Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 24 August - 05 September 2016, pp.62
- X. **Bitkilerin Büyülü Dünyası: Aromaterapi**
GÜLSOY TOPLAN G., KÜRKÇÜOĞLU M., KIRIMER N., MAT A.
XII.Türk Eczacılık Tarihi Toplantısı, Eskişehir, Turkey, 1 - 03 June 2016, pp.70-71
- XI. **Geçmişten Günümüze Colchicum**
GÜLSOY TOPLAN G., MAT A.
XII.Türk Eczacılık Tarihi Toplantısı, Eskişehir, Turkey, 1 - 03 June 2016, pp.92-93
- XII. **Analysis of the essential oil composition of Anthemis tricolor from Cyprus**
GÜLSOY TOPLAN G., KÜRKÇÜOĞLU M., AĞALAR H. G., GÜRER Ç., MAT A., BAŞER K. H. C., KOYUNCU M., SARIYAR Z. G.
45 th International Symposium on Essential Oils, 7 - 10 September 2014
- XIII. **Türkiye'de Tedavide Yeni Bir Soluk – Homeopati**
ŞEN B., EROĞLU ÖZKAN E., GÜRDAL M. B., GÜLSOY TOPLAN G.

XXI. Bitkisel İlaç Hammaddeleri Toplantısı, Nevşehir, Turkey, 28 May - 01 June 2014

XIV. Anadoluhisarı'nda 89 Yıllık Bir Eczanenin Öyküsü

GÜLSOY TOPLAN G., Sandalcı M., MAT A.

XI. Türk Eczacılık Tarihi Toplantısı, Kayseri, Turkey, 25 - 28 May 2014, pp.10

XV. Antioxidant and cytotoxic activities of Vitex agnus-castus from five different regions of Turkey.

GÜLSOY TOPLAN G.

61th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Münster, Germany, 1 - 05 September 2013, pp.1214

XVI. Antioxidant and Cytotoxic activities of Vitex agnus-castus from five different regions of Turkey

GÜLSOY TOPLAN G., EROĞLU ÖZKAN E., Taşkın T., ÖZHAN G.

61st International Congress and annual meeting of the society for medicinal plant and natural product research, Münster, Germany, 1 - 05 September 2013, pp.1

XVII. Traditionally Used Turkish Medicinal Plants Having Anticancer Potential

GÜLSOY TOPLAN G., EROĞLU ÖZKAN E.

2nd International PSE Symposium on Natural Products in Cancer Prevention and Therapy, Napoli, Italy, 25 - 28 June 2013, pp.1100

Supported Projects

MAT A., GÜLSOY TOPLAN G., GÜRER Ç., SARIYAR G., DEMİRCİ S., Project Supported by Higher Education Institutions, Türkiye'de Yetişen Colchicum cilicicum ve Colchicum polyphyllum Üzerinde Araştırmalar, 2014 - 2017

GÜLSOY TOPLAN G., TÜBİTAK Project, Anadolu'da yetişen Salvia türlerinin antimikrobiyal aktivitelerinin araştırılması', 2014 - 2017

MAT A., GÜLSOY TOPLAN G., Project Supported by Higher Education Institutions, COLCHICUM CHALCEDONICUM VE COLCHICUM MICRANTHUM ÜZERİNDE FARMAKOĞNOZİK ARAŞTIRMALAR, 2014 - 2016

Scientific Refereeing

natural product research, SCI Journal, April 2017

chemical paper, SCI Journal, January 2017

journal of essential oil bearing plant, SCI Journal, January 2017

journal of essential oil bearing plant, SCI Journal, January 2016

natural product research, SCI Journal, January 2016

Metrics

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