

## **Personal Information**

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## **Education Information**

Post Doctorate, State University Of New York College At Oswego, Faculty Of Science, Kimya Bölümü, United States Of America 2014 - 2015

Doctorate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 2006 - 2010

Post Graduate, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 2003 - 2005

Under Graduate, Ankara Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1999 - 2003

## **Foreign Languages**

English, B2 Upper Intermediate

## **Dissertations**

Doctorate, Isolation and structural determination of Cephalaria gazipashensis, Cephalaria elmaliensis and Cephalaria scoparia glycosides and their biological properties, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2010

Post Graduate, Glycoside isolation of Centaurea urvillei ssp. stepposa and its activities, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2005

## **Research Areas**

Chemistry, Biochemistry, Bioorganic Chemistry, Organic Chemistry, Plant Chemistry, Chemistry of Natural Products, Organic Spectroscopy, Natural Sciences

## **Academic Titles / Tasks**

Associate Professor, Ege Üniversitesi, Fen Fakültesi/ Kimya , Kimya Bölümü, 2015 - Continues

Research Assistant PhD, Ege Üniversitesi, Fen Fakültesi/ Kimya , Kimya Bölümü, 2010 - 2015

Research Assistant, Ege Üniversitesi, Fen Fakültesi/ Kimya, Kimya Bölümü, 2006 - 2010

## **Courses**

General Chemistry 2, Under Graduate, 2017 - 2018, 2018 - 2019

Organik Kimya, Under Graduate, 2019 - 2020

Organic Chemistry, Under Graduate, 2019 - 2020

Kimya 2 (Deri Mühendisliği), Under Graduate, 2018 - 2019

Kaynak Tarama Teknikleri, Under Graduate, 2017 - 2018

Kimya 1 (Deri Mühendisliği), Under Graduate, 2017 - 2018

Organik Kimya (Gıda mühendisliği), Under Graduate, 2016 - 2017

Organik Kimya (Ziraat Fak. Süt Teknolojisi Bölümü), Under Graduate, 2016 - 2017

Organik Kimya (Biyoloji bölümü), Under Graduate, 2015 - 2016

Organik Kimya (Ziraat Fak. Toprak Bilimi ve Bitki Besleme Bölümü), Under Graduate, 2015 - 2016

## Advising Theses

SARIKAHYA N., Galium asparagifolium Boiss. et Heldr. Bitkisi Üzerinde Farmakognozik Çalışmalar, Doctorate, Ü.Toktaş(Student), Continues

SARIKAHYA N., Biologically Active Saponins from Endemic C.sümbüliana Plant, Post Graduate, H.Abacı(Student), Continues

SARIKAHYA N., Research on the biosynthesis of metallic nanoparticles using Cephalaria plant extracts and their biopharmaceutical applications, Doctorate, M.Chanfou(Student), Continues

Sarikahya N., Phytochemical and semi-synthetic studies on Scabiosa pseudograminifolia, Doctorate, G.Sümer(Student), Continues

SARIKAHYA N., Biogenic Synthesis and Characterisation of Metal Nanoparticles of Isolated and Structurally Identified Saponins from Endemic "Yıldız Pelemin" Plant, Post Graduate, O.Öztunç(Student), Continues

SARIKAHYA N., Elucidation and Characterization of Glycosidic Compounds from Cephalaria tuteliana (Dipsacaceae), Post Graduate, M.DAĞLI(Student), 2018

## Jury Memberships

Post Graduate, Post Graduate, Ege Üniversitesi, June, 2020

Post Graduate, Post Graduate, Ege Üniversitesi, June, 2020

Post Graduate, Post Graduate, Ege Üniversitesi, June, 2019

Doctorate, Doktora Tez Savunma Jürisi, Ege Üniversitesi, July, 2018

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Ege Üniversitesi, January, 2018

## Designed Lessons

Sarikahya N., Doğal Bileşik Kimyasında Yeni Trendler, Doctorate, 2018 - 2019

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **ISOLATION and STRUCTURAL STUDIES on SAPONINS from THREE Cephalaria SPECIES from ANATOLIA**  
Celenk V. U. , Sarikahya N., Kırmızıgül S.  
Chemistry Of Natural Compounds, vol.1, pp.1-5, 2020 (Journal Indexed in SCI)
- **Comparative Phytochemical Screening and Cytotoxic Efficacy of Endemic Cephalaria tuteliana**  
Dagli M., Sarikahya N. B. , NALBANTSOY A., Kırmızıgül S.  
NATURAL PRODUCT COMMUNICATIONS, vol.14, 2019 (Journal Indexed in SCI)
- **Simultaneous determination of several flavonoids and phenolic compounds in nineteen different Cephalaria species by HPLC-MS/MS**  
Sarikahya N., GÖREN A. C. , KIRMIZIGÜL S.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.173, pp.120-125, 2019 (Journal Indexed in SCI)
- **Rapid Profiling and Identification of Triterpene Saponins in Three Different Cephalaria Species by UPLC-ESI-MS/MS**  
Celenk V. U. , SARIKAHYA N., KIRMIZIGÜL S.  
RECORDS OF NATURAL PRODUCTS, vol.12, pp.460-469, 2018 (Journal Indexed in SCI)
- **Increased cytotoxic potential of infrequent triterpenoid saponins of Cephalaria taurica obtained through**

## **alkaline hydrolysis**

Özer Ö., SARIKAHYA N., NALBANTSOY A., KIRMIZIGÜL S.

PHYTOCHEMISTRY, vol.152, pp.29-35, 2018 (Journal Indexed in SCI Expanded)

- **Chemical constituents and biological activities of *Dianthus elegans* var. *elegans***  
MUTLU K., Sarikahya N., NALBANTSOY A., Kirmizigül S.  
NATURAL PRODUCT RESEARCH, vol.32, pp.1245-1253, 2018 (Journal Indexed in SCI)
- **Immunomodulatory, hemolytic and cytotoxic activity potentials of triterpenoid saponins from eight *Cephalaria* species**  
Sarikahya N., NALBANTSOY A., TOP H., GÖKTÜRK R. S. , SÜMBÜL H., Kirmizigül S.  
PHYTOMEDICINE, vol.38, pp.135-144, 2018 (Journal Indexed in SCI)
- **Phytochemical and biological investigations on *Cephalaria anatolica***  
SUMER G., Sarikahya N., Kirmizigül S.  
RECORDS OF NATURAL PRODUCTS, vol.11, pp.497-507, 2017 (Journal Indexed in SCI)
- **Fatty Acid Composition and Biological Activities of *Tanacetum zahlbruckneri* (Nab.) Grierson Growing in Turkey**  
Eyol P. C. , Sarikahya N., Karakoc O. C. , Gokce A., Demirci F., Kirmizigül S., Goren N.  
RECORDS OF NATURAL PRODUCTS, vol.11, pp.401-405, 2017 (Journal Indexed in SCI)
- **Immunomodulatory, hemolytic properties and cytotoxic activity potent of triterpenoid saponins from *Cephalaria balansae***  
TOP H., Sarikahya N., NALBANTSOY A., Kirmizigül S.  
PHYTOCHEMISTRY, vol.137, pp.139-147, 2017 (Journal Indexed in SCI)
- **Medicinal Plants and Natural Active Compounds for Cancer Chemoprevention/Chemotherapy**  
Zaid H., Silbermann M., Amash A., Gincel D., Abdel-Sattar E., SARIKAHYA N.  
EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, 2017 (Journal Indexed in SCI)
- **The structure and cytotoxic activity of a new saponin: cephoside A from *Cephalaria elazigensis* var. *purpurea***  
KAYCE P., Sarikahya N., Pekmez M., Arda N., Kirmizigül S.  
TURKISH JOURNAL OF CHEMISTRY, vol.41, pp.345-353, 2017 (Journal Indexed in SCI)
- ***Dianthus erinaceus* var. *erinaceus*: Extraction, isolation, characterization and antimicrobial activity investigation of novel saponins**  
MUTLU K., Sarikahya N., YAŞA İ., Kirmizigül S.  
PHYTOCHEMISTRY LETTERS, vol.16, pp.219-224, 2016 (Journal Indexed in SCI)
- **Toxicity of *Cephalaria* Species and their Individual Constituents against *Aedes aegypti***  
Sarikahya N., KAYCE P., Tabanca N., ESTEP A. S. , BECNEL J. J. , Khan I. A. , Kirmizigül S.  
NATURAL PRODUCT COMMUNICATIONS, vol.10, pp.1195-1198, 2015 (Journal Indexed in SCI)
- **Fatty Acid Composition and Antioxidant Potential of Ten *Cephalaria* Species**  
Sarikahya N., Ucar E. O. , KAYCE P., GÖKTÜRK R. S. , SUMBUL H., Arda N., Kirmizigül S.  
RECORDS OF NATURAL PRODUCTS, vol.9, pp.116-123, 2015 (Journal Indexed in SCI)
- **Two novel saponins from *Cephalaria davisiana* (Dipsacaceae)**  
KAYCE P., Sarikahya N., Kirmizigül S.  
PHYTOCHEMISTRY LETTERS, vol.10, pp.324-329, 2014 (Journal Indexed in SCI)
- **Comparison of antioxidant capacity, protein profile and carbohydrate content of whey protein fractions**  
Onay-Ucar E., Arda N., Pekmez M., Yılmaz A. M. , Boke-Sarikahya N., Kirmizigül S., YALÇIN A. S.  
FOOD CHEMISTRY, vol.150, pp.34-40, 2014 (Journal Indexed in SCI)
- **Aristatosides A-C, hederagenin-type triterpene saponins from *Cephalaria aristata***  
Sarikahya N.  
PHYTOCHEMISTRY LETTERS, vol.8, pp.149-155, 2014 (Journal Indexed in SCI)
- **Albiziaflavane A: a new flavane from *Albizia ferruginea* (Mimosoideae)**  
KAMGA J., Sandjo L. P. , Boeke-Sarikahya N., Kirmizigül S., KUETE V., NGADJUI B. T.  
NATURAL PRODUCT RESEARCH, vol.28, pp.1574-1578, 2014 (Journal Indexed in SCI)
- **Phytochemical analysis of the essential oils of 10 endemic *Cephalaria* species from Turkey**  
SARIKAHYA N., KAYCE P., HALAYE., GÖKTÜRK R. S. , SÜMBÜL H., Kirmizigül S.  
NATURAL PRODUCT RESEARCH, vol.27, pp.830-833, 2013 (Journal Indexed in SCI)

- **Glandular Trichomes Morphology, Chemical Composition and Antimicrobial Activity of the Essential Oil of Three Endemic Scutellaria Taxa (Lamiaceae)**  
Dereboylu A. E. , Sarikahya N. B. , Sengonca N., Kirmizigul S., Yasa I., Gucl S., Guvensen A.  
ASIAN JOURNAL OF CHEMISTRY, vol.24, pp.4911-4916, 2012 (Journal Indexed in SCI)
- **Antimicrobially Active Hederagenin Glycosides from Cephalaria elmaliensis**  
Sarikahya N., Kirmizigul S.  
PLANTA MEDICA, vol.78, pp.828-833, 2012 (Journal Indexed in SCI)
- **Novel biologically active glycosides from the aerial parts of Cephalaria gazipashensis**  
Sarikahya N., Kirmizigul S.  
TURKISH JOURNAL OF CHEMISTRY, vol.36, pp.323-0, 2012 (Journal Indexed in SCI)
- **Fatty Acid Profile and Biological Data of Four Endemic Cephalaria Species Grown in Turkey**  
Kirmizigul S., Sarikahya N. B. , SÜMBÜL H., GÖKTÜRK R. S. , Yavasoglu N. Ü. , Pekmez M., Arda N.  
RECORDS OF NATURAL PRODUCTS, vol.6, pp.151-155, 2012 (Journal Indexed in SCI)
- **Isolation and characterization of biologically active glycosides from endemic Cephalaria species in Anatolia**  
Sarikahya N., Pekmez M., Arda N., KAYCE P., Yavasoglu N. U. K. , Kirmizigul S.  
PHYTOCHEMISTRY LETTERS, vol.4, pp.415-420, 2011 (Journal Indexed in SCI)
- **Antimicrobial Triterpenoid Glycosides from Cephalaria scoparia**  
Sarikahya N., Kirmizigul S.  
JOURNAL OF NATURAL PRODUCTS, vol.73, pp.825-830, 2010 (Journal Indexed in SCI)
- **A Novel Glycoside from Acanthus hirsutus (Acanthaceae)**  
CAPANLAR S., BOKE N., YAŞA İ., Kirmizigul S.  
NATURAL PRODUCT COMMUNICATIONS, vol.5, pp.563-566, 2010 (Journal Indexed in SCI)
- **Fatty Acid Profile and in vitro Antioxidant and Antibacterial Activities of Red Grape (Vitis vinifera L. cvs. Okuzgozu and Bogazkere) Marc Extracts**  
CIBIK B., OEZAYDIN Z., Boeke N., Karabay U., Pekmez M., Arda N., Kirmizigul S.  
NATURAL PRODUCT COMMUNICATIONS, vol.4, pp.399-404, 2009 (Journal Indexed in SCI)
- **Essential fatty acid components and antioxidant activities of eight Cephalaria species from southwestern Anatolia**  
Kirmizigul S., Boke N., SÜMBÜL H., GÖKTÜRK R. S. , Arda N.  
PURE AND APPLIED CHEMISTRY, vol.79, pp.2297-2304, 2007 (Journal Indexed in SCI)
- **Constituents of apolar extracts including essential fatty acids of some Turkish lichens**  
Kirmizigul S., KOZ O., Boke N.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.43, pp.462-464, 2007 (Journal Indexed in SCI)
- **Flavonoid glycosides and methylinositol from Ebenus haussknechtii**  
UYAR Z., BOEKE N., TUERKAY E., KOZ O., Yasa I., KIRMIZIGUEL S.  
NATURAL PRODUCT RESEARCH, vol.20, pp.999-1007, 2006 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Cephalaria (Pelemir) Bitki Türlerinden Biyolojik Aktif Saponinler**  
SARIKAHYA N., KIRMIZIGÜL S.  
Türk Farmakope Dergisi, vol.3, pp.98-108, 2018 (Other Refereed National Journals)

## Book & Book Chapters

- **Organik Kimya Laboratuvar Teksiri**  
KIRMIZIGÜL S., SARIKAHYA N., TELLİ F.  
Ege Üniversitesi Teksirler Serisi No:138, İzmir, 2014
- **Biologically Active Natural Compounds-Anatolian Cephalaria Species and Antimicrobially Active Triterpene Glycosides**  
SARIKAHYA N., KIRMIZIGÜL S.

## Refereed Congress / Symposium Publications in Proceedings

- **Yeşil Kimya Yaklaşımı ile Biyo-Nanopartikül Sentezi ve Bazı Kanser Hücreleri Üzerine Potansiyel Sitotoksik Etkileri**  
Ağba H. C. , Mkouboi M. C. , Çalışkan G., Mutaf T., Akçaağaç G., Filiz K. D. , Sarıkahya N., Nalbantsoy A., Elibol M.  
22. EGE ONKOLOJİ GÜNLERİ, İzmir, Turkey, 26 - 28 February 2020, pp.1
- **Fatty Acid Compositions and Biological Activity Studies on Four Different Galium Plants from Turkey**  
Toktaş Ü., Sarıkahya N., Öztürk İ., Çelenk V. U. , Kayalar H.  
CHEMISTRY CONFERENCE FOR YOUNG SCIENTISTS, Brussels, Belgium, 19 - 21 February 2020, pp.1
- **Phytochemical Investigations on Cephalaria sumbuliana, An Endemic Plant from Turkey**  
Abacı H., Sarıkahya N.  
CHEMISTRY CONFERENCE FOR YOUNG SCIENTISTS, Brussels, Belgium, 19 - 21 February 2020, pp.1
- **Chemical Composition and Biological Activities of Jurinea Extracts**  
Sümer Okkalı G., Çelenk V. U. , Gören A. C. , Arda N., Sarıkahya N.  
CHEMISTRY CONFERENCE FOR YOUNG SCIENTISTS, Brussels, Belgium, 19 - 21 February 2020, pp.1
- **Davisianoside B ve Aristatoside C Monodezmozidik Saponinlerin Akciğer Kanser Hücreleri Üzerinde Sitotoksik Aktivitesinin İncelenmesi**  
Kasaplıgil G., Sarıkahya N., Nalbantsoy A.  
22. EGE ONKOLOJİ GÜNLERİ, İzmir, Turkey, 26 - 28 February 2020, pp.1
- **Isolation, Structural Determination and Biological Activity Studies on Galium asparagifolium**  
Toktaş Ü., Sarıkahya N., Kayalar H.  
2nd International Conference on Traditional Medicine, Phytochemistry and Medicinal Plants, Berlin, Germany, 30 September - 02 November 2019, pp.13-14
- **Potential Vaccine Adjuvant Effect of Saponins from Cephalaria spp**  
NALBANTSOY A., SARIKAHYA N., KIRMIZIGÜL S.  
International Molecular Immunology & Immunogenetics Congress IV, Bursa, Turkey, 27 April 2019, pp.1
- **GREEN SYNTHESIS OF CHITOSAN BASED NANOPARTICLES USING WATER EXTRACT OF CEPHALARIA BALANSAE AND STUDY OF THEIR CYTOTOXIC ACTIVITY**  
Top H., Sarıkahya N., Cakir B., Polatlı E., Elibol M.  
The 5th International Symposium on Pharmaceutical and biomedical Scienced, Nevşehir, Turkey, 26 April 2019, pp.149-157
- **Cytotoxic Potency of Extracts from Pistacia terebinthus**  
SUMER G., Özverel C. S. , SARIKAHYA N.  
Uluslararası 7. İlaç Kimyası: İlaçEtkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 14 March 2019, pp.1-5
- **Chemical Constituents of Galium asparagifolium Boiss. et Heldr.**  
TOKTAŞ Ü., SARIKAHYA N., KAYALAR H.  
The International Symposium on the Chemistry of Natural Products 2018, Atina, Greece, 25 November 2018, pp.1
- **Cytotoxic, Immunomodulatory and Hemolytic Activities of Saponins**  
SARIKAHYA N., NALBANTSOY A., KIRMIZIGÜL S.  
The International II. Conference on Engineering Technology and Innovation (ICETI), Budapest, Hungary, 07 March 2018, pp.85
- **POTENTIAL APPLICATIONS OF CEPHALARIA SAPONINS IN INDUSTRY**  
KIRMIZIGÜL S., Çelenk V. U. , SARIKAHYA N.  
II. International Conference on Engineering Technology and Innovation (ICETI), Budapest, Hungary, 07 March 2018, pp.84
- **Green synthesis of metallic nanoparticles from Cephalaria plant extracts and potential use in biotechnology**  
MKOUBOI M. C. , SARIKAHYA N., KIRMIZIGÜL S., ELİBOL M.  
ChemCYS 2018, BLANKENBERGE, Belgium, 21 - 23 February 2018, pp.33
- **Immunomodulatory, hemolytic and cytotoxic activities of triterpenoid saponins from Cephalaria balansae**

TOP H., SARIKAHYA N., NALBANTSOY A., KIRMIZIGÜL S.

XXIst International Congress "Phytopharm 2017" and 10th Anniversary of the TCM, 2 - 05 July 2017

• **Triterpenoid Saponins from *Cephalaria taurica* and Their Biological Properties**

Özer Ö., SARIKAHYA N., KIRMIZIGÜL S.

1st International Congress on Medicinal and Aromatic Plants, 9 - 12 May 2017

• **Phytochemistry and Bioactivity of Natural Products from *Cephalaria tuteliana***

DAĞLI M., KIRMIZIGÜL S., SARIKAHYA N.

1st International Congress on Medicinal and Aromatic Plants, 9 - 12 May 2017

• **PHYTOCHEMICAL INVESTIGATIONS of THREE DIANTHUS TAXON from SPIL MOUNTAIN**

MUTLU K., SARIKAHYA N., KIRMIZIGÜL S.

29th International Symposium on the Chemistry of Natural Products (ISCNP-29) and the 9th International Conference on Biodiversity (ICOB-9), 24 - 27 September 2016

• **ISOLATION and STRUCTURAL DETERMINATION STUDIES on *Cephalaria anatolica***

SUMER G., SARIKAHYA N., KIRMIZIGÜL S.

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

• **LC MS MS APPLICATIONS for GLYCOSIDIC COMPOUNDS on *Cephalaria SPECIES***

Celenk V. U. , SARIKAHYA N., KIRMIZIGÜL S.

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

• **ELUCIDATION and CHARACTERIZATION of GLYCOSIDIC COMPOUNDS from *Cephalaria tuteliana***

DAĞLI M., SARIKAHYA N., KIRMIZIGÜL S.

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

• **PHYTOCHEMICAL INVESTIGATIONS of *Cephalaria taurica***

Özer Ö., SARIKAHYA N., KIRMIZIGÜL S.

29th International Symposium on the Chemistry of Natural Products (ISCNP-29) and the 9th International Conference on Biodiversity (ICOB-9), 24 - 27 September 2016

• **Synthesis of 1,2,3,4-oxadiazole and 1,2,3,4-triazole-5-thione derivatives**

SARIKAHYA N., Paz-Orozco W., Kuvent Z., Sobiech T., Schwab W., Damkaci F.

252nd ACS National Meeting & Exposition, Philadelphia, United States Of America, 21 August 2016, pp.681

• **A novel hederagenin type triterpene glycoside from *Cephalaria aytachii***

KAYCE P., SARIKAHYA N., KIRMIZIGÜL S.

Chemistry Conference for Young Scientists 2016 (ChemCYS2016), Blenkenberge, Belgium, 16 - 18 March 2016

• **PHYTOCHEMICAL STUDIES on *Cephalaria dipsacoides***

TOP H., SARIKAHYA N., KIRMIZIGÜL S.

Chemistry Conference for Young Scientists 2016 (ChemCYS2016), 16 - 18 March 2016

• **Isolation and Structural Determination Studies on *Dianthus lydus***

MUTLU K., SARIKAHYA N., KIRMIZIGÜL S.

Chemistry Conference for Young Scientist 2016 (ChemCYS 2016), Blekenberge, Belgium, 16 - 18 March 2016

• **Removal of heavy metal ions by a polymer matrix containing dithiocarbamate as a chelating group**

Damkaci F., SARIKAHYA N., Sarikahya H., Niri V., Alawaed A.

250th ACS National Meeting & Exposition,, Boston, United States Of America, 16 August 2015, pp.0-210

• **Studies toward the total synthesis of Trigonoin B**

Damkaci F., SARIKAHYA N.

250th ACS National Meeting & Exposition, Boston, United States Of America, 16 August 2015, pp.0-206

• **The synthesis of new hydrozone derivatives from natural product loganin**

SARIKAHYA N., KAYCE P., KIRMIZIGÜL S., Damkaci F.

40th Northeast Regional Meeting of the American Chemical Society, Newyork, United States Of America, 10 June 2015, pp.0-92

• **Evaluation of anti-microbial, cytotoxicity and anti-cancer activities of the fractions and compounds isolated from *Albizia ferruginea* (Mimosoideae)**

Kamga J., SARIKAHYA N., NGADJUI B. T. , KIRMIZIGÜL S.

- 44th IUPAC World Chemistry Congress, İstanbul, Turkey, 11 August 2013, pp.1310
- **Biologically active triterpene glycosides from *C. aristata***  
SARIKAHYA N., KIRMIZIGÜL S.  
44th IUPAC World Chemistry Congress, İstanbul, Turkey, 11 August 2013, pp.944
  - **Synthesis of chitosan derivatives and their possible biochemical applications**  
SARIKAHYA N., Ergün Y., KIRMIZIGÜL S.  
44th IUPAC World Chemistry Congress, İstanbul, Turkey, 11 August 2013, pp.785
  - **Molecular encapsulation of lavender oil**  
Asma S., Erkan G., SARIKAHYA N., KIRMIZIGÜL S., Sarışık M., Okur S.  
12th World Textile Conference AUTEX, Zadar, Croatia, 13 June 2012, pp.1-2
  - ***Cephalaria scoparia* Endemik Türünün Fitokimyasal Olarak İncelenmesi**  
SARIKAHYA N., KIRMIZIGÜL S.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June 2010, pp.86
  - **İki Endemik *Cephalaria* Türünün Kimyasal Bileşimleri**  
SARIKAHYA N., Tanrıverdi E., KIRMIZIGÜL S.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June 2010, pp.87
  - **Endemik *Cephalaria* Türlerinin Kimyasal Profili ve Biyolojik Aktif Glikozitler**  
KIRMIZIGÜL S., SARIKAHYA N., KARABAY YAVAŞOĞLU N. Ü. , GOKTURK R. S. , SUMBUL H., Pekmez M., ARDA E. Ş. N.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June 2010, pp.14
  - **Fatty acid profiles of four *Cephalaria* Species grown in Turkey**  
SARIKAHYA N., CAPANLAR S., GOKTURK R. S. , SUMBUL H., KIRMIZIGÜL S.  
9th International Symposium on Pharmaceutical Sciences (ISOPS-9), Ankara, Turkey, 23 June 2009, pp.291-0
  - **Triterpene glycosides from *Cephalaria scoparia***  
SARIKAHYA N., KIRMIZIGÜL S.  
8th International Symposium on The Chemistry of Natural Compounds (8th SCNC), Eskişehir, Turkey, 15 June 2009, pp.51
  - ***Acanthus hirsutus* Bitkisinin İçerdiği Doğal Bileşiklerin İzolasyonu ve Yapı Tayini**  
CAPANLAR S., SARIKAHYA N., KIRMIZIGÜL S.  
22. Ulusal Kimya Kongresi, Mağusa, Cyprus (Kktc), 06 October 2008, pp.189
  - ***Cephalaria scoparia* ve *Cephalaria paphlagonica* bitki türleri üzerinde fitokimyasal ve biyolojik aktivite çalışmaları**  
SARIKAHYA N., CAPANLAR S., KIRMIZIGÜL S.  
22. Ulusal Kimya Kongresi, Mağusa, Cyprus (Kktc), 06 October 2008, pp.149
  - **Fatty acid components and antimicrobial activity of seeds of *Acanthus hirsutus* Boiss**  
SARIKAHYA N., ŞIK L., KARABAY YAVAŞOĞLU N. Ü. , KIRMIZIGÜL S.  
International Conference on Environment: Survival and Sustainability, Nicosia, Cyprus (Kktc), 19 February 2007, vol.5, pp.2029-2036
  - **Fatty acid components and utilization alternatives of red wine residues**  
Çıbık B., Ozaydın Z., SARIKAHYA N., KIRMIZIGÜL S.  
9th Eurasia Conference on Chemical Sciences (EuAsC2S-9), Antalya, Turkey, 09 September 2006, pp.158
  - **Antioxidant and antimicrobial activities of fatty acid components from red wine residues**  
SARIKAHYA N., KIRMIZIGÜL S., KARABAY YAVAŞOĞLU N. Ü. , Pekmez M., ARDA N.  
9th Eurasia Conference on Chemical Sciences (EuAsC2S-9), Antalya, Turkey, 09 September 2006, pp.157
  - **Biyolojik Aktif *Centaurea urvillei* ssp. *stepposa*'nın kimyasal içeriği**  
SARIKAHYA N., KIRMIZIGÜL S.  
19. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September 2005, pp.835
  - **Some glycosides from *Ebenus haussknechtii* (leguminosae) used as folk medicine**  
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SARIKAHYA N., GOREN A. C. , Sümer G., DÜVEN G., YÜCEL B., KIŞLA D., Project Supported by Higher Education Institutions, Türkiye'den 41 Propolis Örneği Üzerinde Ayrıntılı Kimyasal İçerik Belirleme ve Biyolojik Aktivite Çalışmaları, 2020 - Continues

SARIKAHYA N., ÖZTUNÇ O., Project Supported by Higher Education Institutions, Endemik Yıldız Pelemiri Bitkisinden Saponinlerin İzolasyonu, Yapı Tayini ve Biyolojik Özelliklerinin Belirlenmesi, 2019 - Continues

ELİBOL M., SARIKAHYA N., MKOUBOI M. C. , Project Supported by Higher Education Institutions, Cephalaria Bitki Ekstrelerinden Farklı Metal Nanopartiküllerin Biyosentezlenmesi ve Biyofarmasötik Kullanım Potansiyelinin Araştırılması, 2019 - Continues

SARIKAHYA N., ABACI H., Project Supported by Higher Education Institutions, Biyolojik Aktif Doğal Bileşiklerin Endemik Cephalaria sumbuliana Bitkisinden İzolasyonu Saflandırılması ve Yapı Tayini, 2019 - Continues

SARIKAHYA N., TİRYAKİ A. C. , GUCUR G., Project Supported by Higher Education Institutions, Kuzey Kıbrıs Türk Cumhuriyeti'nin Farklı Bölgelerinden Toplanmış Propolislerden Doğal Bileşik İzolasyonu, Saflandırılması ve Yapı Tayini, 2019 - 2020

SARIKAHYA N., Project Supported by Higher Education Institutions, CEPHALARIA TUTELIANA TÜRÜ ÜZERİNDEKİ GLİKOZİDİK BİLEŞİKLERİN KARAKTERİZASYONU VE YAPILARININ AYDINLATILMASI, 2017 - 2018

Sarıkahya N., Dağlı M., Project Supported by Higher Education Institutions, Elucidation and Characterization of Glycosidic Compounds from Cephalaria tuteliana (Dipsacaceae), 2017 - 2018

Sarıkahya N., Project Supported by Higher Education Institutions, Doğal Bileşik Türü Yeni İridoid Tipi Hidrazonların Sentezleri ve Biyolojik Aktivitelerinin Tayini, 2014 - 2016

Sarıkahya N., Project Supported by Higher Education Institutions, Cephalaria aristata BİTKİSİ ÜZERİNDE KİMYASAL İÇERİK BELİRLEME ve AKTİVİTE ÇALIŞMALARI, 2012 - 2013

Sarıkahya N., Kırmızıgül S., Project Supported by Higher Education Institutions, Cephalaria gazipashaensis Cephalaria elmaliensis ve Cephalaria scoparia glikozitlerinin izolasyonu yapı tayini ve biyolojik özellikleri, 2009 - 2010

SARIKAHYA N., TUBITAK Project, Türkiye'de Yetişen Bazı Endemik Cephalaria Türlerinin Kimyasal İçeriklerinin Belirlenmesi, Ekstrelerin ve Tanımlanacak Bileşiklerin Antioksidan ve Antimikrobiyal Aktivitelerinin Araştırılması, 2007 - 2010

SARIKAHYA N., TUBITAK Project, Antalya Yöresinde Yetişen Bazı Cephalaria Türlerinin Yağ Asidi Kompozisyonunun Belirlenmesi, 2006 - 2007

Sarıkahya N., Kırmızıgül S., Project Supported by Higher Education Institutions, Glycoside Isolation of Centaurea urvillei ssp stepposa Asteracea and its Activities, 2004 - 2005

SARIKAHYA N., TUBITAK Project, Structural Determinations, Antioxidant, Antiviral and Antimicrobial Activities of Milk Serum's Proteins and Hydrulicates, 2001 - 2004

## Activities in Scientific Journals

Evidence Based and Complementary Medicine, Assistant Editor, 2015 - 2016

## Memberships / Tasks in Scientific Organizations

Member, 2018 - Continues

Member, 2015 - Continues

Member, 2012 - Continues

## Scientific Refereeing

RECORDS OF NATURAL PRODUCTS, SCI Journal, August 2019

RECORDS OF NATURAL PRODUCTS, SCI Journal, April 2019

Records of Natural Products, SCI Journal, June 2018

Records of Natural Products, Journal Indexed in SSCI, March 2018

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Organic Communications, SCI Journal, August 2017  
Records of Natural Products, Journal Indexed in SSCI, July 2017  
Records of Natural Products, Journal Indexed in SSCI, May 2017  
Records of Natural Products, Journal Indexed in SSCI, April 2017  
Phytochemistry Letters, SCI Journal, August 2016  
Phytochemistry Letters, SCI Journal, February 2016  
Records of Natural Products, SCI Journal, September 2015

## Invited Congress and Symposium Activities

The Chemistry Conference for Young Scientists 2020, Working Group, Brussels, Belgium, 2020  
ACHEMA 2018, Attendee, Frankfurt, Germany, 2018  
2nd International Conference on Engineering Technology and Innovation (ICETI), Attendee, Budapest, Hungary, 2018  
1st International Congress on Medicinal and Aromatic Plants, Attendee, Konya, Turkey, 2017  
The 29th International Symposium on the Chemistry of Natural Products (ISCNP-29) and The 9th International Conference on Biodiversity (ICOB-9), Session Moderator, İzmir, Turkey, 2016  
The 29th International Symposium on the Chemistry of Natural Products (ISCNP-29) and The 9th International Conference on Biodiversity (ICOB-9), Attendee, İzmir, Turkey, 2016  
Chemistry Conference for Young Scientists, Attendee, Praha, Czech Republic, 2016  
250th ACS National Meeting & Exposition, Attendee, Massachusetts, United States Of America, 2015  
40th Northeast Regional Meeting of the American Chemical Society, Attendee, New-York, United States Of America, 2015  
44th IUPAC World Chemistry Congress, Attendee, İstanbul, Turkey, 2013  
24. ULUSAL KİMYA KONGRESİ, Attendee, Zonguldak, Turkey, 2010  
8th International Symposium on The Chemistry of Natural Compounds (8th SCNC, Attendee, Eskişehir, Turkey, 2009  
9th International Symposium on Pharmaceutical Sciences (ISOPS-9), Attendee, Ankara, Turkey, 2009  
22. ULUSAL KİMYA KONGRESİ, Attendee, Gazimagusa, Cyprus (Kkct), 2008  
5th International Symposium on Pharmaceutical Chemistry, Attendee, İstanbul, Turkey, 2007  
International Conference on Environment: Survival and Sustainability, Attendee, Lefkoşa, Cyprus (Kkct), 2007  
9th Eurasia Conference on Chemical Sciences (EuAsC2S-9), Attendee, Antalya, Turkey, 2006  
Kromatografide Son Gelişmeler, Attendee, İzmir, Turkey, 2006  
XIX. ULUSAL KİMYA KONGRESİ, Attendee, Aydın, Turkey, 2005

## Citations

Total Citations (WOS):234  
h-index (WOS):9

## Scholarships

2219 Yurt Dışı Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2014 - 2015  
2211-A Yurt İçi Doktora Bursu, TÜBİTAK, 2006 - 2010  
Yüksek Lisans Eğitim Bursu, University, 2004 - 2005

## Awards

Özer Ö., Sarıkahya N., Nalbantsoy A., Kırmızıgül S., Increased cytotoxic potential of infrequent triterpenoid saponins of *Cephalaria taurica* obtained through alkaline hydrolysis, Tübitak Ulakbim, June 2020  
Sarıkahya N., Gören A. C. , Kırmızıgül S., Simultaneous determination of several flavonoids and phenolic compounds in nineteen different *Cephalaria* species by HPLC-MS/MS, Tübitak Ulakbim, June 2020

Ađba H., Mkoubi M., alıřkan G., Mutaf ., Akađa G., Filiz K., Sarıkahya N., Nalbantsoy A., Elibol M., YEŐİL KİMYA YAKLAŐIMI İLE BİYO-NANOPARTİKÜL SENTEZİ VE BAZI KANSER HÜCRELERİ ÜZERİNE POTANSİYEL SİTOTOKSİL ETKİLERİ, 22. Ege Onkoloji Günleri, Onkolojide Yeni Tedavi Arayışları Sempozyumu, February 2020  
SARIKAHYA N., Yayın Teővik Ödülü, Tübitak, October 2017  
SARIKAHYA N., Yayın Teővik Ödülü, Tübitak, September 2014  
SARIKAHYA N., Yayın Teővik Ödülü, Tübitak, September 2012  
SARIKAHYA N., Yayın Teővik Ödülü, Tübitak, September 2010