

## Prof. SEMA AYAZ

### Personal Information

Email: sha@ktu.edu.tr

Web: <https://avesis.ktu.edu.tr//sha>

### International Researcher IDs

ORCID: 0000-0002-9982-2551

Publons / Web Of Science ResearcherID: AAJ-9914-2021

ScopusID: 6602693286

Yoksis Researcher ID: 7506

### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri, Biyoloji, Turkey 1981 - 1997

Postgraduate, Karadeniz Technical University, Fen Bilimleri, Biyoloji, Turkey 1988 - 1991

Undergraduate, Karadeniz Technical University, Fen Fakültesi, Biyoloji, Turkey 1984 - 1988

### Research Areas

Life Sciences, Plant Biology, Plant Anatomy, Systematic Botany, Natural Sciences

### Academic Titles / Tasks

Professor, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 2007 - Continues

Associate Professor, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 2002 - 2007

Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 1999 - 2002

Research Assistant, Karadeniz Technical University, Fen Fakültesi, Biyoloji, 1992 - 1999

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Phenolics and Antioxidant Properties of Black and Purple versus White Eggplant Cultivars**  
ÇOLAK N., Kurt-Celebi A., Gruz J., Strnad M., Hayirlioglu-Ayaz S., Choung M., Esatbeyoglu T., AYAZ F. A.  
MOLECULES, vol.27, no.8, 2022 (SCI-Expanded)
- II. **< i > Vitis vinifera < /i > Turkish novel table grape 'Karaerik'. Part II: Non-anthocyanin phenolic composition and antioxidant capacity**  
Perez-Navarro J., Hermosin-Gutierrez I., Gomez-Alonso S., Kurt-Celebi A., Çolak N., Hayirlioglu-Ayaz S., Ayaz F. A., Akpinar E.  
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.102, no.2, pp.813-822, 2022 (SCI-Expanded)
- III. **Accumulation of Phenolic Compounds and Antioxidant Capacity during Berry Development in Black 'Isabel' Grape (< i > Vitis vinifera < /i > L. x < i > Vitis labrusca < /i > L.)**  
Kurt-Celebi A., Çolak N., Hayirlioglu-Ayaz S., Velickovska S. K., Ilieva F., Esatbeyoglu T., Ayaz F. A.  
MOLECULES, no.17, 2020 (SCI-Expanded)
- IV. **< i > Vitis vinifera < /i > Turkish grape cultivar Karaerik. Part I: anthocyanin composition, and identification of a newly found anthocyanin< SUP>†</ SUP>**

- Hermosin-Gutierrez I., Gomez-Alonso S., Perez-Navarro J., KURT A., ÇOLAK N., AKPINAR E., Hayirlioglu-Ayaz S., AYAZ F. A.  
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, no.3, pp.1301-1310, 2020 (SCI-Expanded)
- V. A genome size and phylogenetic survey of Mediterranean *< i>Tripleurospermum</i>* and *< i>Matricaria</i>* (Anthemideae, Asteraceae)  
İNCEER H., GARNATJE T., Hayirlioglu-Ayaz S., PERE PASCUAL-DIAZ J., VALLES J., GARCIA S.  
PLOS ONE, no.10, 2018 (SCI-Expanded)
- VI. Achene anatomy and stomatal characteristics of eighteen *< i>Crepis</i>* L. (Asteraceae) taxa from Turkey with notes on their systematic significance  
İNCEER H., KALMUK N. A., İmamoğlu K. V., Arslan G., Duman O., Hayirlioglu-Ayaz S., GUNER G.  
NORDIC JOURNAL OF BOTANY, no.8, 2018 (SCI-Expanded)
- VII. Nutrient profiles of the hybrid grape cultivar 'Isabel' during berry maturation and ripening  
KURT A., Torun H., ÇOLAK N., Seiler G., HAYIRLOGLU-AYAZ S., AYAZ F. A.  
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, no.8, pp.2468-2479, 2017 (SCI-Expanded)
- VIII. Nutritional Evaluation of an Outstanding Apple Cultivar, Göbek (*i Malus /i i /i i communis /i L.*)  
Çolak N., Kolcuoğlu Y., Tarkowski P., Benicka S., Çolak A., Ayaz S., Ayaz F. A.  
Journal Of Food And Nutrition Research, vol.5, no.12, pp.874-881, 2017 (SCI-Expanded)
- IX. Micromorphological, anatomical and cytogenetical studies in endemic *< i>Crepis macropus</i>* Boiss. & Heldr. (Asteraceae) from Turkey  
İNCEER H., Kalmuk N. A., Imamoglu K. V., Duman O., Hayirlioglu-Ayaz S., Arslan G.  
ACTA BOTANICA CROATICA, no.2, pp.173-178, 2016 (SCI-Expanded)
- X. Bog bilberry phenolics, antioxidant capacity and nutrient profile  
ÇOLAK N., TORUN H., GRUZ J., STRNAD M., Hermosin-Gutierrez I., HAYIRLOGLU-AYAZ S., AYAZ F. A.  
FOOD CHEMISTRY, pp.339-349, 2016 (SCI-Expanded)
- XI. Achene Fatty Acid Composition in the Tribe Anthemideae (Asteraceae)  
AYAZ F. A., İNCEER H., Hayirlioglu-Ayaz S., AKSU-KALMUK N.  
ROMANIAN BIOTECHNOLOGICAL LETTERS, no.3, pp.11576-11584, 2016 (SCI-Expanded)
- XII. Evalution of chemical profile and antioxidant activity of *Tripleurospermum insular*, a new species from Turkey  
İNCEER H., Zeljkovic S. C., AYAZ F. A., AYAZ S., ÇOLAK N.  
NATURAL PRODUCT RESEARCH, vol.29, pp.293-296, 2015 (SCI-Expanded)
- XIII. Evaluation of chemical profile and antioxidant activity of *< i>Tripleurospermum insularum</i>*, a new species from Turkey  
ZELJKOVIC S. C., AYAZ F. A., İNCEER H., Hayirlioglu-Ayaz S., ÇOLAK N.  
NATURAL PRODUCT RESEARCH, no.3, pp.293-296, 2015 (SCI-Expanded)
- XIV. *< i>Tripleurospermum insularum</i>* (Asteraceae, Anthemideae), a new species from Turkey  
İNCEER H., Hayirlioglu-Ayaz S.  
ANNALES BOTANICI FENNICI, no.1-2, pp.49-53, 2014 (SCI-Expanded)
- XV. The comparative pollen morphology of genera *< i>Matricaria</i>* L. and *< i>Tripleurospermum</i>* Sch Bip. (Asteraceae) in Turkey  
Ceter T., Pinar N. M., İNCEER H., Hayirlioglu-Ayaz S., Yaprak A. E.  
PLANT SYSTEMATICS AND EVOLUTION, no.5, pp.959-977, 2013 (SCI-Expanded)
- XVI. Karyotype analysis of six *< i>Achillea</i>* L. (Asteraceae, Anthemideae) taxa from Turkey  
Aksu N., İNCEER H., Hayirlioglu-Ayaz S.  
CARYOLOGIA, no.2, pp.103-108, 2013 (SCI-Expanded)
- XVII. Effects of Quizalofop-*p*-Ethyl Herbicide on the Somatic Chromosomes of *< i>Helianthus annuus</i>* (Sunflower)  
Karaismailoglu M. C., İNCEER H., Hayirlioglu-Ayaz S.  
EKOLOJI, no.89, pp.49-56, 2013 (SCI-Expanded)
- XVIII. Chromosome numbers in *Tripleurospermum* Sch Bip. (Asteraceae) and closely related genera: relationships between ploidy level and stomatal length

- İNCEER H., AYAZ S.  
PLANT SYSTEMATICS AND EVOLUTION, vol.285, no.3-4, pp.149-157, 2010 (SCI-Expanded)
- XIX. **Karyotype variation within some native populations of oriental spruce (*Picea orientalis*) in Turkey**  
İNCEER H., GÜNEY D., Hayırlioglu-Ayaz S., OZCAN M., TURNA İ., ÜÇLER A. Ö.  
BIOLOGIA, no.6, pp.1076-1084, 2009 (SCI-Expanded)
- XX. **Genotoxic Effects of the Insecticide Cypermethrin on the Root Meristem Cells of Sunflowers (*< i>Helianthus annuus</i>* L.)**  
İNCEER H., Hayırlioglu-Ayaz S., OZCAN M.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, no.5, pp.652-656, 2009 (SCI-Expanded)
- XXI. **THREE NEW < i>ALCHEMILLA</i> L. (ROSACEAE) RECORDS FROM TURKEY**  
Hayırlioglu-Ayaz S., İNCEER H.  
PAKISTAN JOURNAL OF BOTANY, no.5, pp.2093-2096, 2009 (SCI-Expanded)
- XXII. **Characterization of Anthocyanins in Caucasian Blueberries (*< i>Vaccinium arctostaphylos</i>* L.) Native to Turkey**  
Latti A. K., Kainulainen P. S., Hayırlioglu-Ayaz S., AYAZ F. A., Riihinens K. R.  
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, no.12, pp.5244-5249, 2009 (SCI-Expanded)
- XXIII. **< i>Tripleurospermum ziganaense</i> (Asteraceae, Anthemideae), a new species from north-east Anatolia, Turkey**  
İNCEER H., Hayırlioglu-Ayaz S.  
BOTANICAL JOURNAL OF THE LINNEAN SOCIETY, no.4, pp.696-700, 2008 (SCI-Expanded)
- XXIV. **Chromosome counts of some < i>Cirsium</i> (Asteraceae, Cardueae) taxa from Turkey**  
OZCAN M., HAYIRLIOGLU-AYAZ S., İNCEER H.  
CARYOLOGIA, no.4, pp.375-382, 2008 (SCI-Expanded)
- XXV. **Phenolic acid contents of kale (*< i>Brassica oleraceae</i>* L. var. *< i>acephala</i>* DC.) extracts and their antioxidant and antibacterial activities**  
AYAZ F. A., Hayırlioglu-Ayaz S., Alpay-Karaoglu S., GRUZ J., VALENTOVA K., ULRICOVA J., STRNAD M.  
FOOD CHEMISTRY, no.1, pp.19-25, 2008 (SCI-Expanded)
- XXVI. **Determination of chemical composition of anatolian carob pod (*Ceratonia siliqua* L.): Sugars, amino and organic acids, minerals and phenolic compounds**  
Ayaz F. A., TORUN H., Ayaz S., CORREIA P. J., ALAIZ M., SANZ C., GRUZ J., STRNAD M.  
JOURNAL OF FOOD QUALITY, vol.30, no.6, pp.1040-1055, 2007 (SCI-Expanded)
- XXVII. **Chromosome numbers of the twenty-two Turkish plant species**  
İNCEER H., Hayırlioglu-Ayaz S., OZCAN M.  
CARYOLOGIA, no.4, pp.349-357, 2007 (SCI-Expanded)
- XXVIII. **Chromosome numbers in the tribe Anthemideae (Asteraceae) from north-east Anatolia**  
Inceer H., Hayırlioglu-Ayaz S.  
BOTANICAL JOURNAL OF THE LINNEAN SOCIETY, no.2, pp.203-211, 2007 (SCI-Expanded)
- XXIX. **Karyotype analysis of some < i>Lathyrus</i> L. taxa (Fabaceae) from northeastern Anatolia**  
OZCAN M., Hayırlioglu-Ayaz S., Inceer H.  
ACTA BOTANICA GALLICA, no.3, pp.375-385, 2006 (SCI-Expanded)
- XXX. **Nutrient contents of kale (*< i>Brassica oleraceae</i>* L. var. *< i>acephala</i>* DC.)**  
Ayaz F., Glew R., Millson M., Huang H., Chuang L., Sanz C., Hayırlioglu-Ayaz S.  
FOOD CHEMISTRY, no.4, pp.572-579, 2006 (SCI-Expanded)
- XXXI. **Chromosome counts in the genus < i>Alchemilla</i> (< i>Rosaceae</i>) from SW Europe**  
Hayırlioglu-Ayaz S., Inceer H., FROST-OLSEN P.  
FOLIA GEOBOTANICA, no.3, pp.335-344, 2006 (SCI-Expanded)
- XXXII. **Notes on chromosome numbers and karyotypes of five species in < i>Hieracium</i> L. s.str. (Asteraceae) from Turkey**  
Coskuncelebi K., Hayırlioglu-Ayaz S.  
CARYOLOGIA, no.1, pp.19-24, 2006 (SCI-Expanded)
- XXXIII. **Separation, characterization, and quantitation of phenolic acids in a little-known blueberry**

- (*< i > Vaccinium arctostaphylos L < /i >*) fruit by HPLC-MS  
 Ayaz F. A., Hayirlioglu-Ayaz S., GRUZ J., NOVAK O., STRNAD M.  
 JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, no.21, pp.8116-8122, 2005 (SCI-Expanded)
- XXXIV. GC-MS analysis of chloroform extracts in flowers, stems, and roots of *Tripleurospermum callosum*  
 YASAR A., UCUNCU O., GULEC C., Inceer H., AYAZ S., YAYLI N.  
 Pharmaceutical Biology, vol.43, no.2, pp.108-112, 2005 (SCI-Expanded)
- XXXV. Chromosome numbers of some species of the genus *< i > Hieraciums.* *< /i > Str. (< i > Asteraceae< /i >)*  
 from Turkey  
 HAYIRLIOGLU-AYAZ S., Inceer H.  
 FOLIA GEOBOTANICA, no.3, pp.319-325, 2004 (SCI-Expanded)
- XXXVI. Chromosome counts of some *< i > Primula* species (Primulaceae)  
 HAYIRLIOGLU-AYAZ S., Inceer H.  
 BIOLOGIA, no.1, pp.45-48, 2003 (SCI-Expanded)
- XXXVII. Cytotaxonomic studies on some *< i > Euphorbia* L. (*< i > Euphorbiaceae< /i >*) species in Turkey  
 HAYIRLIOGLU-AYAZ S., Inceer H., BEYAZOGLU O.  
 PAKISTAN JOURNAL OF BOTANY, no.1, pp.27-31, 2002 (SCI-Expanded)
- XXXVIII. Karyological study on some taxa of the genus *< i > Lilium* L. (*< i > Liliaceae< /i >*)  
 Inceer H., HAYIRLIOGLU-AYAZ S., BEYAZOGLU O.  
 PAKISTAN JOURNAL OF BOTANY, no.1, pp.33-40, 2002 (SCI-Expanded)
- XXXIX. Cytotaxonomic investigations on some taxa of the genus *< i > Vicia* L. from north-eastern Anatolia  
 Inceer H., HAYIRLIOGLU-AYAZ S., BEYAZOGLU O.  
 ACTA BOTANICA GALLICA, no.2, pp.125-138, 2002 (SCI-Expanded)
- XL. Chromosome numbers of some *< i > Carex* species from Northeast Anatolia  
 Hayirlioglu-Ayaz S., Olgun A., Beyazoglu O.  
 BIOLOGIA, no.4, pp.381-387, 2001 (SCI-Expanded)
- XLI. Total phenols and condensed tannins in the leaves of some *< i > Alchemilla* species  
 Ayaz F. A., Hayirlioglu-Ayaz S.  
 BIOLOGIA, no.4, pp.449-453, 2001 (SCI-Expanded)
- XLII. Chromosome number of some *< i > Alchemilla* L. (Rosaceae) species  
 HAYIRLIOGLU-AYAZ S., Inceer H.  
 ACTA BIOLOGICA CRACOVENSIA SERIES BOTANICA, pp.45-49, 2001 (SCI-Expanded)
- XLIII. Chromosome numbers of *Alchemilla* series *Vulgares* from NE Anatolia (Turkey) - a preliminary report  
 Hayirlioglu-Ayaz S., Beyazoglu O.  
 NORDIC JOURNAL OF BOTANY, no.4, pp.419-425, 2001 (SCI-Expanded)
- XLIV. Chromosome counts of some *< i > Alchemilla* species from series Calycinae  
 Hayirlioglu-Ayaz S., Beyazoglu O.  
 BIOLOGIA, no.4, pp.387-392, 2000 (SCI-Expanded)
- XLV. Chromosome numbers in species of *< i > Alchemilla* ser. *< i > Elatae* (Rosaceae) in Turkey  
 Hayirlioglu-Ayaz S., Beyazoglu O.  
 ANNALES BOTANICI FENNICI, no.3, pp.173-182, 2000 (SCI-Expanded)
- XLVI. Karyotype analysis of some *< i > Lilium* L. (*< i > Liliaceae< /i >*) species from Turkey  
 Inceer H., BEYAZOGLU O., HAYIRLIOGLU-AYAZ S.  
 PAKISTAN JOURNAL OF BOTANY, no.2, pp.315-321, 1999 (SCI-Expanded)
- XLVII. C-banded chromosomes of four *< i > Vicia* L., species  
 Hayirlioglu-Ayaz S., Viinikka Y., Beyazoglu O.  
 PAKISTAN JOURNAL OF BOTANY, no.2, pp.307-313, 1999 (SCI-Expanded)
- XLVIII. Fatty acid composition of leaf lipids of some *Alchemilla* L. (Rosaceae) species from Northeast Anatolia (Turkey)  
 Ayaz F. A., Hayirlioglu-Ayaz S., BEYAZOGLU O.

- GRASAS Y ACEITES, no.5, pp.341-344, 1999 (SCI-Expanded)
- XLIX. **determination of some Low Molecular Weight Carbohydrates from the Fruits of cherry Laurel (*Laurocerasus officinalis* Roem) Using Gas Chromatography**  
AYAZ F. A., KADIOĞLU A., AYAZ S.  
Turkish Journal of Botany, vol.22, pp.65-68, 1998 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Cytogenetic effects of copper chloride on the root tip cells of *Helianthus annuus* L**  
İNCEER H., AYAZ S., BEYAZOĞLU O., Şentürk E.  
Turkish Journal of Biology, vol.27, pp.43-46, 2003 (Peer-Reviewed Journal)
- II. **Determination of Some Mono- and Disaccharides in the Fruits of *Diospyros lotus* L. Using Gas Chromatography**  
AYAZ F. A., KADIOĞLU A., AYAZ S.  
TURKISH JOURNAL OF BOTANY, vol.19, pp.493-495, 1995 (Scopus)

## Books & Book Chapters

- I. **Bitki çeşitliliği (Flora)**  
AYAZ S., İNCEER H.  
in: Başlangıçtan günümüze her yönüyle OF, Hikmet Öksüz, Mevhibe Çosar, Veysel Usta, Editor, Karadeniz Teknik Üniversitesi, Trabzon, pp.197-204, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **sugar composition in the achenes of three medicinal *Matricaria* L. (Asteraceae) taxa**  
İmamoğlu K. V., İNCEER H., AYAZ S., ÖZCAN M., AYAZ F. A.  
I. Inter national Congress on medicinal and aromatic plants, TABKON'xx17, Antalya, Turkey, 9 - 12 May 2017
- II. **Phenolic Compound Content and Antioxidant Capacity of Endemic *Tripleurospermum baytopianum* and *T. repens* (Asteraceae) from Turkey**  
Karayığit B., İNCEER H., ÇOLAK N., AYAZ S., AYAZ F. A.  
. International Congress on Medicinal and Aromatic Plants, 9 - 11 May 2017, pp.1338
- III. **Phenolic compound content and antioxidant capacity in fruits of some eggplant (*Solanum melongena* L.) cultivars**  
Karayığit B., AYAZ S., Kurt A., ÇOLAK N., AYAZ F. A.  
International Congress on Medicinal and Aromatic Plants, 9 - 11 May 2017
- IV. **Sugars and organic acids in berries of Erzincan black grape (*Vitis vinifera* 'xxKaraerik'xx)**  
Kurt A., AYAZ S., ÇOLAK N., AKPINAR E., AYAZ F. A.  
International Congress on Medicinal and Aromatic Plants, 9 - 11 May 2017, pp.1348
- V. **Total phenolic content and antioxidant capacity in some representatives of the tribe Anthemideae Asteraceae from Turkey**  
ÇOLAK N., İNCEER H., AYAZ S., AYAZ F. A.  
Symposium on EuroAsian Biodiversity, 23 - 27 May 2016
- VI. **Total Phenolic Content and Antioxidant Capacity in Some Representatives of Tribe Anthemideae (Asteraceae) from Turkey**  
ÇOLAK N., İNCEER H., AYAZ S., AYAZ F. A.  
symposium on euroasian biodiversity, Antalya, Turkey, 23 - 27 May 2016, vol.1, no.1, pp.264
- VII. **Micromorphological, anatomical and cytogenetical studies in endemic *Crepis macropus* Boiss. &**

- Heldr. (Asteraceae) from Turkey**  
 AKSU KALMUK N., İNCEER H., AYAZ S., İmamoğlu K. V., Duman Ö., Arslan G., Arslan G.  
 6. Balkan Botanical Congress, Rijeka, Croatia, 14 - 18 September 2015, pp.69
- VIII. **Üç Crepis L. (Asteraceae) Türünün Aken ve Pappus Mikromorfolojisi**  
 AKSU KALMUK N., AYAZ S., İNCEER H., İmamoğlu K. V.  
 22 Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.614
- IX. **Endemik Tripleurospermum conoclinium T. rosellum var. album Taksonlarında Aken Musilaj yapısı ve Fonksiyonu**  
 AKSU KALMUK N., İNCEER H., AYAZ S., Ustasüleyman M.  
 22 Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.955
- X. **Türkiye'de Yayılış Gösteren Üç Crepis L. (Asteracea) Taksonun Karyolojik Yönden İncelenmesi**  
 AKSU KALMUK N., İmamoğlu K. V., İNCEER H., AYAZ S.  
 22 Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.639
- XI. **Crepis alpina ve C. syriaca'nın GÖVDE, Yaprak ve Aken Anatomisi ile Aken Mikromorfolojisi**  
 AKSU KALMUK N., İNCEER H., AYAZ S., İmamoğlu K. V., Duman Ö., Güner G., Arslan G.  
 22 Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.423
- XII. **İki Endemik Tripleurospermum Türünde (Asteraceae) Akenlerin Müsilaj Yapısive Fonksiyonu**  
 AKSU KALMUK N., İNCEER H., Ustasüleyman M., AYAZ S.  
 21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012, pp.620-621
- XIII. **Türkiye'den Üç Crepis (Asteraceae) Taksonunun Karyotip Analizi**  
 AKSU KALMUK N., İNCEER H., AYAZ S.  
 21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012, pp.555-556
- XIV. **The stem anatomy, karyology and fatty acid composition of endemic Tripleurospermum fissurale(Sosn.) E. Hossain from Turkey**  
 AKSU KALMUK N., İNCEER H., AYAZ S., Özcan M., Bal M.  
 Biyosystematics, Berlin, Germany, 21 - 27 February 2011, pp.169
- XV. **Karyotype analysis of three Achillea L. (Asteraceae) taxa from Turkey**  
 AKSU KALMUK N., İNCEER H., AYAZ S.  
 Biosystematics, Berlin, Germany, 21 - 27 February 2011, pp.36-37
- XVI. **ENDEMİK TRIPLEUROSPERMUM CONOCLINUM (BOISS. & BAL.) HAYEK vE T. HYGROPHILUM (BORNM.) BORNM. UN KARYOLOJİK YÖNDEN İNCELENMESİ**  
 AKSU KALMUK N., İNCEER H., AYAZ S., Özcan M.  
 20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010, pp.471
- XVII. **CIRSIUM MACRDBOTRYS (c. KOCH) Boiss.,İN ANATOMİK YÖNDEN İNCELENMESİ**  
 ÖZCAN M., HAYIRLIOĞLU-AYAZ S., İNCEER H., AKSU N.  
 20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010, pp.286-287
- XVIII. **Achillea Biebersteinii Afan. ve Achillea setacea Waldst.&Kit.'nın Karyotip Analizi**  
 AKSU KALMUK N., İNCEER H., AYAZ S., Özcan M.  
 20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010, pp.471-472
- XIX. **CIRSIUM MACRDBOTRYS (c. KOCH) Boiss.,İN ANATOMİK YÖNDEN İNCELENMESİ**  
 AKSU KALMUK N., İNCEER H., AYAZ S., Özcan M.  
 20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010, pp.286-287
- XX. **KARYOTYPE ANALYSIS OF THREE ENDEMİC TAXA IN TRIPLEUROSPERMUM SCH. BIP. (ASTERACEAE) FROM TURKEY AND ITS TAXONOMIC SIGNIFICANCE**  
 AKSU KALMUK N., İNCEER H., AYAZ S., Özcan M., Bal M.  
 XII Optima Meeting, Antalya, Turkey, 22 - 26 March 2010, pp.119
- XXI. **Essential oil composition of Matricaria chamomilla var chamomilla and var recutita from Turkey**  
 KÜRKÇÜOĞLU M., İNCEER H., AYAZ S., Başer K. H. C.  
 57 International congress and annual meeting of the society for medicinal plant and natural product research, 16 - 20 August 2009

## **Metrics**

Publication: 73

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## **Non Academic Experience**

Karadeniz Teknik Üniversitesi