

Prof. SEMA AYAZ

Personal Information

Email: sha@ktu.edu.tr

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

Education Information

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

Post Graduate, Karadeniz Technical University, Fen Bilimleri, Biyoloji, Turkey 1988 - 1991

Under Graduate, 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

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

- I. **Evaluation 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 (Journal Indexed in SCI Expanded)
- II. **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 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Nutritional Evaluation of an Outstanding Apple Cultivar, Göbek (*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 (Refereed Journals of Other Institutions)
- II. **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 (Refereed Journals of Other Institutions)

III. **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 (Other Refereed National Journals)

IV. **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 (National Refreed University Journal)

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 Yapısıve 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.
Biosystematics, 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 CONOCLINIUM (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 ENDEMIC 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 reserch, 16 - 20 August 2009

Citations

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