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Address: Çanakkale Onsekiz Mart Üniversitesi Deniz bilimleri ve Teknoloji Fakültesi Tezioğlu Kampusu Çanakkale

Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri , Turkey 2004 - 2008

Post Graduate, Ege University, Fen Bilimleri Enstitüsü, Su Ürünleri Yetiştiricilik, Turkey 1999 - 2002

Under Graduate, Ege University, Su Ürünleri Fakültesi, Yetiştiricilik, Turkey 1994 - 1998

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Türkiye'de Farklı Tuz Göllerinden İzole Edilen *Dunaliella viridis*'de Büyüme Koşullarının ve Karotenoid Birikiminin Araştırılması , Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri, 2008

Post Graduate, *Gracilaria verrucosa* (Hudson) Papenfuss 'nın İzmir Körfezindeki Dağılımı , Ege University, Fen Bilimleri Enstitüsü, Su Ürünleri Yetiştiricilik, 2002

Research Areas

Agricultural Sciences, Seafood, Aquaculture

Academic Titles / Tasks

Associate Professor, Canakkale Onsekiz Mart University, Deniz Bilimleri Ve Teknolojisi Fakültesi, Su Ürünleri Yetiştiricilik, 2017 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Deniz Bilimleri Ve Teknolojisi Fakültesi, Su Ürünleri Yetiştiricilik, 2009 - 2017

Research Assistant PhD, Canakkale Onsekiz Mart University, Su Ürünleri, Yetiştiricilik, 2008 - 2009

Research Assistant, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri, 2004 - 2008

Professional Experience

Vice Dean, Canakkale Onsekiz Mart University, Deniz Bilimleri Ve Teknolojisi Fakültesi, 2016 - Continues

Courses

Genel Botanik, Under Graduate, 2018 - 2019

Halofil Alglerin Yetiştiriciliği, Doctorate, 2018 - 2019

İç Su Bitkileri Yetiştiriciliği, Post Graduate, 2018 - 2019

Advising Theses

AK İ., Farklı LED Işık Kaynaklarının *Dunaliella salina* Teodoresco (Chlorophyceae) Büyüme ve Pigment İçeriğine Etkisi, Post Graduate, K.Benas(Student), 2017

AK İ., Makroalglerden Elde Edilen Gübrelerin *Cystoseira barbata* (Phaeophyceae) Yetiştiriciliğinde Kullanılması, Post Graduate, M.Künili(Student), 2016

AK İ., Farklı LED Işık Kaynaklarının *Cystoseira barbata*'nın Biyomas ve Biyokimyasal İçeriğine Etkisi, Post Graduate, C.Öztaşkent(Student), 2013

AK İ., Farklı Azot Kaynaklarının *Cystoseira barbata* (Phaeophyceae)'nın Büyüme ve Biyokimyasal Kompozisyonuna Etkisi, Post Graduate, N.Topçu(Student), 2013

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

- **Impact of UV-C radiation on growth of micro and macro algae in irrigation systems**
TEKİNER M., AK İ., KURT M.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.672, pp.81-87, 2019 (Journal Indexed in SCI)
- **Fatty acid and lipophilic vitamin composition of seaweeds from Antalya and Canakkale (Turkey)**
Caf F., Sen Ozdemir N., Yilmaz O., DURUCAN F., AK İ.
GRASAS Y ACEITES, vol.70, 2019 (Journal Indexed in SCI)
- **Effect of sodium acetate and sodium nitrate on biochemical composition of green algae *Ulva rigida***
AK İ., Oztaskent C., ÖZÜDOĞRU Y., GÖKSAN T.
AQUACULTURE INTERNATIONAL, vol.23, pp.1-11, 2015 (Journal Indexed in SCI)
- **Effect of an organic fertilizer on growth of blue-green alga *Spirulina platensis***
Ak I.
AQUACULTURE INTERNATIONAL, vol.20, pp.413-422, 2012 (Journal Indexed in SCI)
- **EFFECT OF LIGHT INTENSITY ON THE PIGMENT COMPOSITION OF *Gracilaria verrucosa* (Rhodophyta)**
AK İ., Yucesan M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.2126-2131, 2012 (Journal Indexed in SCI)
- **EFFECT OF SALINITY ON GROWTH CHARACTERISTICS AND PIGMENT COMPOSITION OF TWO STRAINS OF *DUNALIELLA VIRIDIS* TEODORESCO: LABORATORY AND OUTDOOR STUDIES**
AK İ., Cirik S., GÖKSAN T., KORU E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.337-342, 2012 (Journal Indexed in SCI)
- **Heavy metals uptake from aqueous solutions using marine algae (*Colpomenia sinuosa*): kinetics and isotherms**
Cirik Y., Bekci Z. M. , BÜYÜKATEŞ Y., AK İ., MERDİVAN M.
CHEMISTRY AND ECOLOGY, vol.28, pp.469-480, 2012 (Journal Indexed in SCI)
- **Growth Characteristics of the Alga *Haematococcus pluvialis* Flotow as Affected by Nitrogen Source, Vitamin, Light and Aeration**
GÖKSAN T., AK İ., Kılıç C.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.11, pp.377-383, 2011 (Journal Indexed in SCI)
- **GRACILARIA VERRUCOSA (HUDSON) PAPPENFUSS CULTURE USING AN AGRICULTURAL ORGANIC FERTILIZER**
AK İ., Çetin Z., Cirik S., GÖKSAN T.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, pp.2156-2162, 2011 (Journal Indexed in SCI)

● **Greenhouse Cultivation of *Gracilaria verrucosa* (Hudson) Papenfuss and Determination of Chemical Composition**

Cirik S., Çetin Z., AK İ., Cirik S., GÖKSAN T.

TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.10, pp.559-564, 2010 (Journal Indexed in SCI)

● **An Alternative Approach to the Traditional Mixotrophic Cultures of *Haematococcus pluvialis* Flotow (Chlorophyceae)**

GÖKSAN T., AK İ., Gokpinar S.

JOURNAL OF MICROBIOLOGY AND BIOTECHNOLOGY, vol.20, pp.1276-1282, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

● **INFLUENCE OF *ULVA RIGIDA* (ULVOPHYCEAE) AQUEOUS EXTRACTS ON THE GROWTH AND BIOCHEMICAL COMPOSITION OF *TREPTACANTHA BARBATA* (PHAEOPHYCEAE)**

Künili M., Ak İ.

EJONS International Journal on Mathematic, Engineering and Natural Sciences, vol.15, pp.687-698, 2020 (Refereed Journals of Other Institutions)

● **Antioxidant Activities of *Eucheuma* sp. (Rhodophyceae) and *Laminaria* sp. (Phaeophyceae)**

AK İ., TÜRKER G.

Turkish Journal of Agriculture - Food Science and Technology, vol.7, pp.154, 2019 (Refereed Journals of Other Institutions)

● **Free Radical Scavenging Activity and Biochemical characteristics of *Ulva rigida* (Ulvophyceae) and *Arthrospira platensis* (Cyanophyceae)**

AK İ., TÜRKER G.

Turkish Journal of Agriculture - Food Science and Technology, vol.7, pp.145, 2019 (Refereed Journals of Other Institutions)

● **Antioxidant properties and phytochemicals of three brown macro algae from the Dardanelles (Çanakkale) Strait**

AK İ., TÜRKER G.

Agricultural Science and Technology, vol.10, pp.354-357, 2018 (Refereed Journals of Other Institutions)

● **Cost Effective Production of *Arthrospira Spirulina platensis***

AK İ., OĞUZ M., BENAS K., GÖKSAN T.

Journal Of Food Agriculture & Environment, vol.11, pp.1521-1525, 2013 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

● **Situation Analysis of the Fisheries Sector of Turkey**

KÜNİLİ İ. E., AK İ., TÜRKER G., ÇOLAKOĞLU F.

International scientific and practical conference, Bulgaria of regions 2019“on the topic „Fiscal policy, globalization and economic growth:sustainable development challenges and perspectives, 22 - 23 November 2019

● **Extraction and Characterization of Polysaccharides from the Red Algae *Gracilaria gracilis***

TÜRKER G., AK İ.

III. International Joint Science Congress of Material and Polymers, Priştine, Kosovo, 12 - 14 September 2019

● **Characterization of Polysaccharides from the Brown Algae *Colpomenia sinuosa***

TÜRKER G., AK İ.

III Joint Science Congress of Materials and Polymers, Priştine, Kosovo, 12 - 14 September 2019

● **Assesment of Antioxidant Activity of *Enteromorpha intestinalis* (Linnaeus) Nees and *Ceramium rubrum* C. Agradh**

TÜRKER G., AK İ.

International Conference on Science and Technology, Prizren, Serbia And Montenegro, 5 - 09 September 2018

- **Extraction and Purification of Phycocyanin from *Arthrospira platensis* Gomont**
TÜRKER G., AK İ.
- International Conference on Science and Technology, Prizren, Serbia And Montenegro, 5 - 09 September 2018
- **Extraction of Polysaccharide from the Green Algae *Codium tomentosum***
TÜRKER G., AK İ., BAŞARAN İ.
- II. International Joint Science Congress of Materials and Polymers, Durres, Albania, 9 - 12 November 2018
- **Extraction and Characterization of Polysaccharide from *Ulva rigida***
TÜRKER G., AK İ., BAŞARAN İ.
- II. International Joint Science Congress of Materials and Polymers, Durres, Albania, 9 - 12 November 2018
- **Antioxidant Activity of Five Seaweeds Extracts.**
AK İ., TÜRKER G.
University of Agribusiness and Rural Development, Jubilee International scientific conference "Organic Farming And Sustainable Development", Plovdiv, Bulgaria, 23 March 2018 - 23 March 2013, vol.7, pp.149-155
- **Antioxidant Activity of Brown Algae from Çanakkale Strait**
AK İ., TÜRKER G.
International Conference on Agricultural Science and Business - 2018, 10 - 12 May 2018
- **Effects of W-3 and W-6 Fatty Acids on Human Health**
TÜRKER G., ÇOLAKOĞLU F., AK İ., YILDIRIM P.
International Conference on Agricultural Science and Business 2018, 10 - 12 May 2018
- **Caviar Production and Nutritional Properties in Aquaculture**
YILDIRIM P., TÜRKER G., AK İ., ÇOLAKOĞLU F.
International Conference on Agricultural Science and Business, 10 - 12 May 2018
- **Evaluation of Fisheries and Seaweed Wates for Agricultural Purposes**
AK İ., ÇOLAKOĞLU F., TÜRKER G., YILDIRIM P.
International Conference on Agricultural Science and Business 2018, 10 - 12 May 2018
- **Determination of Absorption Coefficient of *Chlorella Vulgaris* and *Arthrospira Maxima* in Water**
TEKİNER M., KURT M., AK İ., Kurt A.
33rd International Physics Congress of the Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 10 September 2017, vol.1935
- **Evaluation of Seaweed Resources as Functional Foods in Turkey**
ÇOLAKOĞLU F., AK İ.
Jubilee International Scientific Conference Bulgaria of Regions-Sustainable Regional Development Perspectives, Plovdiv-Felibe, Bulgaria, 27 - 28 October 2017, pp.246-255
- **Farklı Dalga Boylarının *Dunaliella salina* (Chlorophyceae)'nın Büyüme ve Pigment İçeriğine Etkisi**
BENAS K., AK İ.
- 19. Ulusal Su Ürünleri Sempozyumu, Turkey, 12 - 15 September 2017
- **Esmer Alglerden *Cystoseira barbata* C Agardh nın Eşeyli Üretimi**
TOK A., AK İ.
- 18. Ulusal Su Ürünleri Sempozyumu, İzmir, Turkey, 1 - 04 September 2015, vol.1, pp.176
- **Preliminary Study on the Distribution of *Posidonia oceanica* Along the Dardanelle Strait**
ÖZ M. İ. , YAĞLI H., AK İ.
Symposium on Conservation of the Mediterranean Marine Key Habitats, 27 - 31 October 2014

Supported Projects

YİĞİN C. Ç. , ÖZALP H. B. , ÇELİK E. Ş. , AK İ., AYAZ A., ALTINAĞAÇ U., KEDİOĞLU Ç., ÇOLAKOĞLU F., ÖZTEKİN A., Project Supported by Higher Education Institutions, Bozcaada Sucul Biyoçeşitliliğinin Tespiti ve Adanın Denizel Kültürünün Balıkçılık ve Turizm Alan Karakterine Etkileri, 2018 - 2020

TEKİNER M., KURT M., AK İ., Project Supported by Higher Education Institutions, UVC IŞIN TEKNOLOJİSİNİN SU YABANCI OTLARI MAKRO VE MİKRO ALGLER İLE MÜCADELEDE KULLANILABİLİRLİĞİNİN BELİRLENMESİ, 2016 - 2018

BÜYÜKATEŞ Y., MERDİVAN M., CİRİK Y., AK İ., Project Supported by Higher Education Institutions, Bazı Ağır Metallerin *Gracilaria verrucosa* (Florideophyceae) ve *Spirulina platensis* (Cyanophyceae) Türlerinde Biyosorbsiyonu, 2010 - 2012

Activities in Scientific Journals

Journal of Fisheries and Aquatic Science, Assistant Editor, 2011 - Continues

Journal of Biological Sciences, Assistant Editor, 2011 - Continues

Memberships / Tasks in Scientific Organizations

International Society for Salt Lake Research. Promoting Study, Management, Use and Consevaion of Salt Lakes, Member, 2006 - Continues

Invited Congress and Symposium Activities

The 2009 International Exchange Seminar on the Effective Use of Marine Resources towards the Future Relationship between Japan and Turkey, Invited Speaker, Japan, 2009

Citations

Total Citations (WOS):71

h-index (WOS):5