

## Asst. Prof. NAZAN ARİFOĞLU

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 24027

### Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri, Turkey 2005 - 2011

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Gıda Mühendisliği, Turkey 1996 - 1999

Undergraduate, Middle East Technical University, Faculty Of Engineering, Gıda Mühendisliği, Turkey 1992 - 1996

### Foreign Languages

English, C1 Advanced

Russian, C1 Advanced

Bulgarian, C1 Advanced

### Certificates, Courses and Trainings

Education Management and Planning, Enhancing the Effectivity of Training Activities Project Management for Educational Professionals, AB Grundtvig Programı PL-2005-002; Ulusal Ajans tarafından katılım desteği ile, 2005

### Dissertations

Doctorate, Levrek (*Dicentrarchus labrax* L. 1758) Balıkları Yemlerine Kanola Unu ve Fitaz Enzimi İlavesinin; Büyüme ve Yem Değerlendirme Parametreleri Üzerine Etkileri, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri, 2011

Postgraduate, Comparative Analysis of Cellulase Production by *Torula thermophila* and *Humicola insolens*, Middle East Technical University, Fen Bilimleri Enstitüsü, Gıda Mühendisliği, 1999

### Research Areas

Food Engineering, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Uygulamalı Bilimler Fakültesi, Gıda Teknolojisi, 2018 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Uygulamalı Bilimler Yüksekokulu, Gıda Teknolojisi, 2017 - 2018

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

- I. **Interaction of dietary garlic (*Allium sativum*), onion (*Allium cepa*), and probiotic on the growth performance and health status of juvenile rainbow trout (*Oncorhynchus mykiss*)**  
Güroy D., EMRE N., Yalın F. B., Karadal O., Kaya D., ARİFOĞLU N.  
Aquaculture International, vol.32, no.4, pp.4515-4528, 2024 (SCI-Expanded)
- II. **Effect of Disinfectant Added Drinking Water on the Growth Performance of Different Hen Strains**  
KARABAYIR A., ARİFOĞLU N., ÖĞÜTCÜ M.  
PAKISTAN JOURNAL OF ZOOLOGY, vol.50, no.6, pp.2287-2293, 2018 (SCI-Expanded)
- III. **Physico-chemical, textural, microbial and sensory properties of Turkish Tire meatball**  
ÖĞÜTCÜ M., Gevrek S., ARİFOĞLU N.  
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.42, no.10, 2018 (SCI-Expanded)
- IV. **Preventing oil leakage with natural wax additions during the storage of tahini halva**  
Ogutcu M., Arifoglu N., Temizkan R., Yilmaz E.  
RIVISTA ITALIANA DELLE SOSTANZE GRASSE, vol.95, no.2, pp.95-104, 2018 (SCI-Expanded)
- V. **INFLUENCE OF DISINFECTANT ADDED TO DRINKING WATER ON QUAIL GROWTH PERFORMANCE AND EGG QUALITY**  
KARABAYIR A., ÖĞÜTCÜ M., ARİFOĞLU N.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.5, pp.3051-3058, 2018 (SCI-Expanded)
- VI. **Restriction of oil migration in tahini halva via organogelation**  
ÖĞÜTCÜ M., ARİFOĞLU N., YILMAZ E.  
EUROPEAN JOURNAL OF LIPID SCIENCE AND TECHNOLOGY, vol.119, no.9, 2017 (SCI-Expanded)
- VII. **Functional Properties of the *Capsicum* Pepper Seed Defatted Press Cakes**  
YILMAZ E., Huriyet Z., ARİFOĞLU N., EMİR D. D.  
WASTE AND BIOMASS VALORIZATION, vol.8, no.3, pp.783-791, 2017 (SCI-Expanded)
- VIII. **WATER QUALITY CHARACTERIZATION OF EXTENSIVE LAYING HEN FARMS**  
KARABAYIR A., ÖĞÜTCÜ M., ARİFOĞLU N.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.11, pp.6687-6692, 2017 (SCI-Expanded)
- IX. **Assessment of Thermal and Textural Characteristics and Consumer Preferences of Lemon and Strawberry Flavored Fish Oil Organogels**  
YILMAZ E., ÖĞÜTCÜ M., ARİFOĞLU N.  
JOURNAL OF OLEO SCIENCE, vol.64, no.10, pp.1049-1056, 2015 (SCI-Expanded)
- X. **Structure and Stability of Fish Oil Organogels Prepared with Sunflower Wax and Monoglyceride**  
ÖĞÜTCÜ M., TEMİZKAN R., ARİFOĞLU N., YILMAZ E.  
JOURNAL OF OLEO SCIENCE, vol.64, no.7, pp.713-720, 2015 (SCI-Expanded)
- XI. **Preparation and Characterization of Virgin Olive Oil-Beeswax Oleogel Emulsion Products**  
ÖĞÜTCÜ M., ARİFOĞLU N., YILMAZ E.  
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.92, no.4, pp.459-471, 2015 (SCI-Expanded)
- XII. **Storage stability of cod liver oil organogels formed with beeswax and carnauba wax**  
ÖĞÜTCÜ M., ARİFOĞLU N., YILMAZ E.  
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, vol.50, no.2, pp.404-412, 2015 (SCI-Expanded)
- XIII. **Determination of Organic Acid Composition and Free Radical Scavenging Capacity of Kefir**  
TÜRKER G., KIZILKAYA B., ARİFOĞLU N.  
ASIAN JOURNAL OF CHEMISTRY, vol.26, no.8, pp.2443-2446, 2014 (SCI-Expanded)
- XIV. **The Environmental Effect of a Land-Based Trout Farm on Yuvarlakçay, Turkey**

## Articles Published in Other Journals

- I. **Mikrodalga Isıtmanın Fındık, Kanola ve Mısır Yağı Kalite Parametreleri Üzerindeki Etkisi**  
ARİFOĞLU N., ÖĞÜTCÜ M.  
Akademik Gıda, vol.17, no.1, pp.23-29, 2019 (Peer-Reviewed Journal)
- II. **Preventing Phase Separation Problem with Natural Waxes in Sesame Paste**  
ÖĞÜTCÜ M., ARİFOĞLU N., Elmas E. T., Yeniada F.  
New knowledge Journal of science, vol.7, no.2, pp.119-126, 2018 (Peer-Reviewed Journal)
- III. **Preventing Phase Separation Problem with Natural Waxes in Sesame Paste**  
ÖĞÜTCÜ M., ARİFOĞLU N., Elmas E. T., Yeniada F.  
New Knowledge Journal of Science, vol.7, no.2, pp.119-126, 2018 (Peer-Reviewed Journal)
- IV. **Balık Üretiminden Kaynaklanan Kirlilik ve Çözüm Yolları**  
Tekinay A. A., GÜROY D., ÇEVİK N.  
SU URUNLERI DERGISI, vol.23, pp.295-298, 2006 (Peer-Reviewed Journal)
- V. **Organik Balık Üretimi nin Mevcut Durumu**  
TEKİNAY A. A., GÜROY D., ÇEVİK N.  
SU URUNLERI DERGISI, vol.23, pp.299-300, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Organik Sektöründeki Mesleki Eğitim Kurumları için Kılavuz**  
UĞUR F., KARABAYIR A., ARİFOĞLU N., ÖZTOKAT KUZUCU C., BİRER S.  
Avrupa Komisyonu, 2013

## Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of the total phenolics content of industrial wastewater samples from sesame processing**  
Türker G., Arifoğlu N.  
International Global Climate Change Congress, Çanakkale, Turkey, 3 - 05 June 2021, pp.231
- II. **The ECOFAR Project – A Challenge for the Further Sustainable Development of Agriculture through Improving the Education of Young Eco-farmers**  
ARİFOĞLU N., Abersek B., Kordigel M., Flogie A., KARABAYIR A., ALI B., ALATÜRK F., ÖĞÜTCÜ M., BİRER S.  
International Scientific and Practical Conference “Bulgaria of Regions”, Plovdiv, Bulgaria, 22 November 2019, pp.683-691
- III. **Eco Agri Project – An Opportunity to Raise Awareness towards Urban Agriculture**  
Arabska E., Ivanova M., Karabayir A., Alı B., Alatürk F., Birer S., Öğütcü M., Arifoğlu N.  
3rd International Conference on Awareness: Education, Science, Health and Arts-ICA2019, Çanakkale, Turkey, 5 - 07 December 2019, pp.148-149
- IV. **Organic catering - a perspective for the sustainable development of the Turkish catering sector**  
Arifoğlu N., Öğütcü M., Ormancı H. B., Karabayir A.  
International scientific and practical conference “Bulgaria of regions Socio economic zoningtraditions, contemporary state and problems, Plovdiv, Bulgaria, 19 - 21 October 2018, pp.287-292
- V. **Effects on Different Vegetable Oils on Egg Quality**  
ÖĞÜTCÜ M., ARİFOĞLU N., DİNCER E.  
INTERNATIONAL CONFERENCE ON SCIENCE AND TECHNOLOGY, 5 - 09 September 2018

- VI. **Preparation and characterization of orange and mandarin essential oil incorporated**  
TÜRKER G., başaran i., ORAL A., YILDIRIM P., ARİFOĞLU N.  
Tunisian Chemical Society, Science and Engineering of polymeric materials, 18 - 21 March 2018
- VII. **EFFECTS OF ORANGE PEEL OIL ON QUAIL (COTURNIX COTURNIX JAPONICA) GROWTH-PERFORMANCE, EGG QUALITY AND BLOOD PARAMETERS**  
KARABAYIR A., ÖĞÜTCÜ M., ACAR Ü., ARİFOĞLU N.  
Jubilee International Scientific Conference "Organic Farming and Sustainable Development", Plovdiv, Bulgaria, 23 February 2018
- VIII. **Free radical scavenging capacity and phenolic content of some organic fresh citrus fruits**  
TÜRKER G., ARİFOĞLU N., KOLANCILAR H.  
Organic Farming and Sustainable Development, Plovdiv, Bulgaria, 22 - 23 February 2018
- IX. **PREVENTING PHASE SEPARATION PROBLEM WITH NATURAL WAXES IN SESAME PASTE**  
ÖĞÜTCÜ M., ARİFOĞLU N., Elmas E. T., Yeniada F.  
Jubilee International Scientific Conference "Organic Farming and Sustainable Development", Plovdiv, Bulgaria, 23 February 2018, pp.28
- X. **Phenolic Content of Selected Dried Fruits**  
ARİFOĞLU N., TÜRKER G.  
Jubilee International Scientific Conference Bulgaria of Regions, Plovdiv, Bulgaria, 27 - 28 October 2017, pp.212-213
- XI. **Evaluation of Phenolic and Carotenoid Content of Turf Grass Clippings**  
BİRER S., TÜRKER G., ARİFOĞLU N., GÖKKUŞ A.  
Jubilee International Scientific Conference Bulgaria of Regions, Plovdiv, Bulgaria, 27 - 28 October 2017, pp.389-390
- XII. **Evaluation of Phenolic and Carotenoid Content of Turf Glass Clippings**  
BİRER S., TÜRKER G., ARİFOĞLU N., GÖKKUŞ A.  
Jubilee International Scientific Conference Bulgari of Regions, Plovdiv, Bulgaria, 27 - 28 October 2017, pp.289-290
- XIII. **Determination of the Mineral Composition of Turkish Tahini Halva**  
ARİFOĞLU N., ÖĞÜTCÜ M.  
Jubilee International Scientific Conference Bulgaria of Regions "Sustainable regional development perspectives", Plovdiv, Bulgaria, 27 - 28 October 2017, pp.256-257
- XIV. **Phenolic contend of selected dried fruit**  
TÜRKER G., ARİFOĞLU N.  
Bulgaria of Regions Jubilee International Scientific Conference, Plovdiv, Bulgaria, 27 - 28 October 2017
- XV. **PHYSICAL CHARACTERISTICS AND MINERAL COMPOSITION OF POULTRY EGGS FROM LAYING HENS REARED AT DIFFERENT PRODUCTION SYSTEMS**  
KARABAYIR A., ÖĞÜTCÜ M., ARİFOĞLU N.  
5th INTERNATIONAL CONFERENCE "AGRICULTURE and FOOD", Elenite, Bulgaria, 20 - 24 June 2017, pp.195-201
- XVI. **Free radical scanvenging capacity and total phenolic contents of tahini halva**  
ARİFOĞLU N., ÖĞÜTCÜ M., TÜRKER G., YILMAZ E.  
63rd Scientific Conference with International Participation "Food Science, Engineering and Technology ", Plovdiv, Bulgaria, 21 - 22 October 2016, pp.15
- XVII. **TOTAL PHENOLICS CONTENT AND FREE RADICAL SCAVENGING CAPACITY OF SWEET CHERRY FRUITS FROM CANAKKALE,TURKEY**  
TÜRKER G., ARİFOĞLU N.  
63rd SCIENTIFIC CONFERENCE WITH INTERNATIONAL PARTICIPATION "FOOD SCIENCE,ENGINEERING AND TECHNOLOGY-2016", 21 - 22 October 2016
- XVIII. **Phenolics Content and Free Radical Scavenging Capacity of Cyclamen hederifolium Aiton Tubers from Kazdagi Turkey**  
TÜRKER G., Yener F. Z., ARİFOĞLU N., Bozyel M. E., GÖNÜZ A.  
9th CMAPSEEC Conference on Medicinal and Aromatic Plants of Southeast European Countries, Plovdiv, Bulgaria, 26 - 29 May 2016
- XIX. **Phenolics Content and Free Radical Scavenging Capacity of Ophrys mammosa Desf Tubers from Kazdagi Turkey**

ARİFOĞLU N., YENER F. Z., TÜRKER G., BOZYL M. E., GÖNÜZ A.

9th Conference on Medicinal and Aromatic Plants of Southeast European Countries, Plovdiv, Bulgaria, 26 - 29 May 2016

- XX. **Antioxidant Activity and Phenolics Content of Extracts of Cyclamen hederifolium Aiton Leaves from Kazdagi Turkey**  
Bozyel M. E., TÜRKER G., YENER F. Z., ARİFOĞLU N., GÖNÜZ A.  
9th Conference on Medicinal and Aromatic Plants of Southeast European Countries, Plovdiv, Bulgaria, 26 - 29 May 2016
- XXI. **PHENOLICS CONTENT AND FREE RADICAL SCAVENGING CAPACITY OF OPHRYS MAMMOSA DESF LEAVES FROM KAZDAGI TURKEY**  
YENER F. T., TÜRKER G., BOZYL M. E., ARİFOĞLU N., GÖNÜZ A.  
9th CMAPSEEC Conference on Medicinal and Aromatic Plants of Southeast European Country, 26 - 29 May 2016
- XXII. **PHENOLICS CONTENT AND FREE RADICAL SCAVENGING CAPACITY OF CYCLAMEN HEDEREFOLIUM AITON TUBERS FROM KAZDAGI TURKEY**  
TÜRKER G., YENER F. Z., ARİFOĞLU N., BOZYL M. E., GÖNÜZ A.  
9th CMAPSEEC Conference on Medicinal and Aromatic Plants of Southeast European Countries, 26 - 29 May 2016
- XXIII. **ANTIOXIDANT ACTIVITY AND PHENOLICS CONTENT OF EXTRACTS OF CYCLAMEN HEDEREFOLIUM AITON LEAVES FROM KAZDAGI TURKEY**  
BOZYL M. E., TÜRKER G., YENER F. Z., ARİFOĞLU N., GÖNÜZ A.  
9TH CMAPSEEC Conference on Medicinal and Aromatic Plants of Southeast European Countries, 26 - 29 May 2016
- XXIV. **Evaluation of Radical Scavenging Capacity and Phenolic Content of Extracts of Kiwano Fruit Cucumis metuliferus Cultivated in Canakkale Region Turkey**  
ARİFOĞLU N., TÜRKER G., KIZILKAYA B.  
IVth International Scientific Conference Climate Change, Economic Development, Environment and People (CCEDEP), Plovdiv, Bulgaria, 7 - 09 October 2014, vol.2, pp.22-23
- XXV. **Radical Scavenging and Phenolic Content of Persimmon Fruit Diospyros kaki Cultivated in Canakkale Region Turkey**  
TÜRKER G., KIZILKAYA B., ARİFOĞLU N.  
FOURTH INTERNATIONAL SCIENTIFIC CONFERENCE CLIMATE CHANGE, ECONOMIC DEVELOPMENT, ENVIRONMENT AND PEOPLE CONFERENCE (CCEDEP), 7 - 09 October 2014, vol.2, pp.20-21
- XXVI. **(4671) Code of Good Organic Retailing Practice**  
ARİFOĞLU N., ÖZTOKAT KUZUCU C., TAN M. N., KARABAYIR A., UĞUR F.  
5th International Conference on Research in Education - ICRE, Edirne, Turkey, 8 - 10 October 2015, vol.1, pp.190
- XXVII. **(4660) ECVET - Based Training of Trainers in Organic Food Retailing to 'xxEcoqualify'xx Quality Assurance System (ECVET- ECOQUALIFY)**  
KARABAYIR A., ÖZTOKAT KUZUCU C., UĞUR F., ARİFOĞLU N., BİRER S.  
5th International Conference on Research in Education - ICRE, Edirne, Turkey, 8 - 10 October 2015, vol.1, pp.189
- XXVIII. **CODE OF ORGANIC RETAILING PRACTICE**  
ARİFOĞLU N., ÖZTOKAT KUZUCU C., NİHAL TAN M., KARABAYIR A., UĞUR F.  
5th International Conference, Meeting the opportunities and challenges of educational reserach, 8 - 10 October 2015
- XXIX. **4660 ECVET BASED TRAINING OF TRAINERS IN ORGANIC FOOD RETAILING TO ECOQUALIFY QUALITY ASSURANCE SYSTEM ECVET ECOQUALIFY**  
KARABAYIR A., ÖZTOKAT KUZUCU C., UĞUR F., ARİFOĞLU N., BİRER S.  
2015 Annual Congress, Edirne, Turkey, 8 - 10 October 2015, vol.1, pp.189
- XXX. **CODE OF GOOD ORGANIC RETALING PRACTICE**  
ARİFOĞLU N., ÖZTOKAT KUZUCU C., TAN M. N., KARABAYIR A., UĞUR F.  
ULEAD 2015 ANNUAL CONGRESS 5th International Conference on Research in Education-ICRE, Edirne, Turkey, 8 - 10 October 2015, vol.1, pp.190
- XXXI. **Code of Good Organic Retailing Practice**  
ARİFOĞLU N., ÖZTOKAT KUZUCU C., TAN M. N., KARABAYIR A., UĞUR F.

ULEAD 2015 Annual Congress 5th International Conference on Research in Education-ICRE, Edirne, Turkey, 8 - 10 October 2015, vol.1, pp.190

**XXXII. ECVET Based Training of Trainers in Organic Food Retailing to ECOQUALIFY Quality Assurance System ECVET ECOQUALIFY**

KARABAYIR A., ÖZTOKAT KUZUCU C., UĞUR F., ARİFOĞLU N., BİRER S.

ULEAD 2015 Annual Congress 5th International Conference on Research in Education-ICRE, Edirne, Turkey, 8 - 10 October 2015, vol.1, pp.189

**XXXIII. ECVET BASED TRAINING OF TRAINERS IN ORGANIC FOOD RETAILING TO ECOQUALIFY QUALITY ASSURANCE SYSTEM ECVET ECOQUALIFY**

KARABAYIR A., ÖZTOKAT KUZUCU C., UĞUR F., ARİFOĞLU N., BİRER S.

ULEAD 2015 ANNUAL CONGRESS 5th International Conference on Research in Education-ICRE, Edirne, Turkey, 8 - 10 October 2015, vol.1, pp.189

## Supported Projects

Karabayır A., Arifoğlu N., Öğütçü M., Birer S., Ali B., Alatürk F., EU Supported Other Project, Adult training course for small farmers on ecological and urban agriculture (ECOAGRI), 2018 - 2021

Karabayır A., Arifoğlu N., Öğütçü M., Ali B., Alatürk F., Birer S., EU Supported Other Project, ECOFAR-Development of managerial and entrepreneurial skills of young eco-farmers via joint vet curricula, enhanced qualification profile, assessment standard and sustainable cooperation synergies , 2018 - 2021

Çolakoğlu F., Çardak M., Yıldırım P., Ormancı H. B., Türker G., Arifoğlu N., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, ÇOMÜ-ÇTB Kaliteli Gıda Üretiminde Mesleki Eleman Niteliğinin Artırılması İçin El Ele Veriyor, 2019 - 2020

Arifoğlu N., Öğütçü M., Birer S., Mestav H. O., EU Supported Other Project, Supporting access to training and qualification of people with disabilities through development of VET course on Ecological Vegetable Gardening based on ECVET learning outcomes /ECOGARD/, 2017 - 2020

Karabayır A., Öğütçü M., Arifoğlu N., Ormancı H. B., EU Supported Other Project, Empowering Public Food Procurement, 2017 - 2019

KARABAYIR A., ÖĞÜTCÜ M., ARİFOĞLU N., Project Supported by Higher Education Institutions, Portakal Kabuğundan Elde Edilen Ucucu Yağ Katkısının Bildiricim Büyüme Performansı Bazı Kan Parametreleri ve Yumurta Kalitesine Etkisinin Belirlenmesi, 2017 - 2018

Öğütçü M., Arifoğlu N., Yılmaz E., TUBITAK Project, Organojelasyon Tekniğini Kullanarak Tahin Helvasında Yağ Sızması Probleminin Giderilmesi, 2015 - 2016

Uğur F., Karabayır A., Kuzucu C., Arifoğlu N., Tan M. N., EU Supported Other Project, PREPARING FOR THE FUTURE – EUROPEAN E-LEARNING TRAINING ON THE CODE OF GOOD ORGANIC RETAILING PRACTICE, 2014 - 2016

Uğur F., Arifoğlu N., Birer S., Karabayır A., Kuzucu C., Taşbilek T., EU Supported Other Project, ECVET-BASED TRAINING OF TRAINERS IN ORGANIC FOOD RETAILING TO 'ECOQUALIFY' QUALITY ASSURANCE SYSTEM ECVET-ECOQUALIFY, 2013 - 2015

Uğur F., Soyergin S., Altay H., Karabayır A., Ayas N., Arifoğlu N., EU Supported Other Project, IMPLEMENTATION OF A QUALITY ASSURANCE SYSTEM FOR TRAINING IN ORGANIC FOOD RETAIL (EcoQualify III), 2010 - 2012

ARİFOĞLU N., ÇELİK İ., TUBITAK Project, Türkiye de Üretilen Balık Yemlerinin Çevresel Etkileri, 2005 - 2008

Arifoğlu N., EU Supported Other Project, Gıda Teknolojisi Öğrencileri İçin Görev Baş Eğitim, 2005 - 2006

## Metrics

Publication: 98

Citation (WoS): 231

Citation (Scopus): 286

H-Index (WoS): 9

H-Index (Scopus): 9