

Assoc. Prof. BAYRAM KIZILKAYA

Personal Information

Office Phone: [+90 286 218 0018](tel:+902862180018) Extension: 16055

Email: bkizilkaya@comu.edu.tr

Web: <https://avesis.comu.edu.tr/373>

Address: Deniz Bilimleri ve Teknoloji Fakültesi Çanakkale Onsekiz Mart Üniversitesi Adres: Çanakkale Onsekiz Mart Üniversitesi, Terzioğlu Kampüsü, Deniz Bilimleri ve Teknoloji Fakültesi, ÇANAKKALE, TÜRKİYE

International Researcher IDs

ORCID: 0000-0002-3916-3734

Publons / Web Of Science ResearcherID: V-8125-2017

Yoksis Researcher ID: 37266

Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri, Turkey 2007 - 2011

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2010 - 2004

Undergraduate, Canakkale Onsekiz Mart University, Fen-Edebiyat Fak. , Kimya Bölümü , Turkey 1996 - 2000

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Balık Kemikleri Kullanılarak Sulu Ortamdan Ağır Metallerin Giderimi, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Su Ürünleri, 2011

Postgraduate, 2-(4-Klorofenil)imino)metil)fenol'ün sentezi, polimerizasyonu ve bazı fiziksel özelliklerinin incelenmesi, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Kimya , 2004

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Food Engineering, Chemistry, Analytical Chemistry, Separation Methods, Chromatographic Analysis, Spectroscopical Methods, Physical Chemistry, Electrochemistry, Computational Chemistry, Chemical Kinetics, Polymeric Materials, Spectroscopy, Surface Chemistry, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Deniz Bilimleri ve Teknolojisi Fakültesi, Su Ürünleri Yetiştiriciliği, 2018 - Continues

Associate Professor, Canakkale Onsekiz Mart University, Deniz Bilimleri ve Teknolojisi Fakültesi, Su Ürünleri Yetiştiriciliği, 2015 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Deniz Bilimleri ve Teknolojisi Fakültesi, Su Ürünleri Yetiştiriciliği, 2013 - 2018

Expert, Canakkale Onsekiz Mart University, Deniz Bilimleri ve Teknolojisi Fakültesi, Su Ürünleri Yetiştiriciliği, 2004 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Monthly variation of fatty acids, lipid quality index and metal content of *Pontastacus leptodactylus* (Eschscholtz, 1823) in Atikhisar Dam Lake (Çanakkale, Türkiye)**
BERBER S., ACARLI S., Bayraklı B., KALE S., KIZILKAYA B., VURAL P., ACARLI D.
Environmental Science and Pollution Research, 2024 (SCI-Expanded)
- II. **Variation in radical antioxidant capacity and the total amount of carotenoids in razor clams, *Ensis marginatus* (Pennant, 1777), from the Çanakkale Strait (Abidealtı), Turkey**
Kızılkaya B., Acarlı S., Vural P., Berber S., Çelik P.
Oceanological And Hydrobiological Studies, vol.50, no.1, pp.16-23, 2021 (SCI-Expanded)
- III. **Nutritional quality of amino acid in farmed, farm-aggregated and wild Axillary seabream (*Pagellus acarne*) with implications to Human Health**
Öztekin A., Yiğit M., Kızılkaya B., Ucyol N., Tan E., Yılmaz S., Bulut M., Ayaz A., Ergün S.
AQUACULTURE RESEARCH, vol.51, no.5, pp.1844-1853, 2020 (SCI-Expanded)
- IV. **Health Risks Associated with Trace Metals in Gilthead Seabream (*Sparus aurata*) from Copper Alloy and Antifouling-Coated Polymer Nets**
YİĞİT M., Dwyer R., YILMAZ S., BULUT M., Ozalp B., BÜYÜKATEŞ Y., ERGÜN S., Celikkol B., KIZILKAYA B., YİĞİT M., et al.
THALASSAS, vol.36, no.1, pp.95-101, 2020 (SCI-Expanded)
- V. **An investigation on the conversion of functional materials of fish bones as waste products using surface modification methods**
Kızılkaya B., Tan E., Bahceci D., Ormancı H. B., Öztekin A.
INDIAN JOURNAL OF BIOTECHNOLOGY, vol.17, no.1, pp.57-64, 2018 (SCI-Expanded)
- VI. **Bioaccumulation of trace metals in Mediterranean mussels (*Mytilus galloprovincialis*) from a fish farm with copper-alloy mesh pens and potential risk assessment**
Yiğit M., Celikkol B., Yılmaz S., Bulut M., Ozalp B., Dwyer R. L., Maita M., Kızılkaya B., Yiğit M., Ergün S., et al.
HUMAN AND ECOLOGICAL RISK ASSESSMENT, vol.24, no.2, pp.465-481, 2018 (SCI-Expanded)
- VII. **Monitoring of trace metals biochemical composition and growth of Axillary seabream *Pagellus acarne* Risso 1827 in offshore copper alloy mesh cages**
BULUT M., Celikkol B., KIZILKAYA B., ÖZALP H. B., DeCew J., YİĞİT M., Dwyer R., YILMAZ S., Yigit U., Yıldız H., et al.
MEDITERRANEAN MARINE SCIENCE, vol.17, no.2, pp.396-403, 2017 (SCI-Expanded)
- VIII. **Monitoring of trace metals, biochemical composition and growth of Axillary seabream (*Pagellus acarne* Risso, 1827) in offshore copper alloy mesh cages**
YİĞİT M., Celikkol B., BULUT M., DeCew J., ÖZALP H. B., YILMAZ S., KAYA H., KIZILKAYA B., HİSAR O., YILDIZ H., et al.
MEDITERRANEAN MARINE SCIENCE, vol.17, no.2, pp.396-403, 2016 (SCI-Expanded)
- IX. **Monitoring of trace metals, biochemical composition and growth of Axillary seabream (*Pagellus acarne* Risso, 1827) in offshore copper alloy mesh cages**
YİĞİT M., Celikkol B., BULUT M., DeCew J., ÖZALP H. B., YILMAZ S., KAYA H., KIZILKAYA B., HİSAR O., YILDIZ H., et al.
MEDITERRANEAN MARINE SCIENCE, vol.17, no.1, pp.1-24, 2016 (SCI-Expanded)
- X. **Biosensing of glucose in flow injection analysis system based on glucose oxidase-quantum dot modified pencil graphite electrode**
Sağlam O., KIZILKAYA B., Uysal H., DİLGİN Y.
TALANTA, vol.147, pp.315-321, 2016 (SCI-Expanded)
- XI. **Increased Levels of Serum Ischemia Modified Albumin in Patients with Ankylosing Spondylitis**
Turkon H., Gokmen F., ÇAKIR D. U., ŞEHİTOĞLU H., REŞORLU H., Doner D., Essizoglu E., Akbal A., KIZILKAYA B., Uysal S.

CLINICAL LABORATORY, vol.62, no.4, pp.645-649, 2016 (SCI-Expanded)

- XII. **Amino acid composition and crude protein values of some Cyanobacteria from Canakkale (Turkey)**
Akgul R., Kizilkaya B., AKGUL F., ERDUĞAN H.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.28, no.5, pp.1757-1761, 2015 (SCI-Expanded)
- XIII. **Total Lipid and Fatty Acid Composition of Twelve Algae from Canakkale (Turkey)**
Akgul R., KIZILKAYA B., AKGUL F., ERDUĞAN H.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.44, no.4, pp.495-500, 2015 (SCI-Expanded)
- XIV. **Crude Protein Values and Amino Acid Profiles of Some Red Algae Collected from Canakkale**
Akgul R., KIZILKAYA B., Akgul F., ORMANCI H. B.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.44, no.4, pp.527-530, 2015 (SCI-Expanded)
- XV. **Crude Protein Values and Amino Acid Profiles of Some Red Algae Collected from Canakkale**
Akgül R., KIZILKAYA B., Akgül F., ORMANCI H. B.
INDIAN JOURNAL OF MARINE SCIENCES, vol.44, no.4, pp.527-530, 2015 (SCI-Expanded)
- XVI. **Total Lipid And Fatty Acid Composition Of Twelve Algae From Çanakkale Turkey**
KIZILKAYA B., ERDUĞAN H., AKGUL F., AKGÜL R.
INDIAN JOURNAL OF MARINE SCIENCES, vol.44, no.4, pp.495-500, 2015 (SCI-Expanded)
- XVII. **Determination of Some Nutritional Compositions of roe samples of the Edible Sea Urchin *Paracentrotus lividus* (Lamarck, 1816) in the Dardanelles (Marmara Sea, Turkey).**
KIZILKAYA B., ÖZALP H. B., TÜRKER G., vd., 2015 v.
INDIAN JOURNAL OF MARINE SCIENCES, vol.44, no.3, pp.519-523, 2015 (SCI-Expanded)
- XVIII. **Determination of some nutritional compositions of roe samples of the edible sea urchin *Paracentrotus Lividus* (Lamarck, 1816) in the Dardanelles (Marmara Sea)**
KIZILKAYA B., ÖZALP H. B., TÜRKER G., Alparslan M., Tekinay A. A.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.44, no.3, pp.328-332, 2015 (SCI-Expanded)
- XIX. **Monitoring of trace metals, biochemical composition and growth of Axillary seabream (*Pagellus acarne* Risso, 1827) in offshore copper alloy mesh cages**
YİĞİT M., Celikkol B., BULUT M., DeCew J., ÖZALP H. B., YILMAZ S., KAYA H., KIZILKAYA B., HİSAR O., YILDIZ H., et al.
MEDITERRANEAN MARINE SCIENCE, vol.17, no.1, pp.1-24, 2015 (SCI-Expanded)
- XX. **Utilization of biogenic apatite (fish bones) to remove cationic dye (methylene blue) from aqueous environment**
KIZILKAYA B., TEKİNAY A. A.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, vol.44, no.1, pp.37-41, 2015 (SCI-Expanded)
- XXI. **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)
- XXII. **Utilization to Remove Pb (II) Ions from Aqueous Environments Using Waste Fish Bones by Ion Exchange**
KIZILKAYA B., Tekinay A. A.
JOURNAL OF CHEMISTRY, vol.2014, 2014 (SCI-Expanded)
- XXIII. **Utilization on the Removal Cd(II) and Pb(II) Ions from Aqueous Solution Using Nonliving *Rivularia bulata* Algae**
KIZILKAYA B., Akgul R., TÜRKER G.
JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, vol.34, no.9, pp.1257-1264, 2013 (SCI-Expanded)
- XXIV. **Electrocatalytic oxidation of NADH using a pencil graphite electrode modified with quercetin**
DİLGİN Y., KIZILKAYA B., Dilgin D. G., GÖKÇEL H. İ., Gorton L.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.102, pp.816-821, 2013 (SCI-Expanded)
- XXV. **The mineral composition of kefir produced from goat and cow milk**
TÜRKER G., KIZILKAYA B., Cevik N.
JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.11, no.2, pp.62-65, 2013 (SCI-Expanded)
- XXVI. **Electrocatalytic Oxidation of NADH Using a Pencil Graphite Electrode Modified with Hematoxylin**
DİLGİN Y., Ertek B., KIZILKAYA B., Dilgin D. G., GÖKÇEL H. İ.

- SCIENCE OF ADVANCED MATERIALS, vol.4, no.9, pp.920-927, 2012 (SCI-Expanded)
- XXVII. **Electrocatalytic oxidation of sulphide using a pencil graphite electrode modified with hematoxylin**
DİLGİN Y., KIZILKAYA B., Ertek B., Isik F., Dilgin D. G.
SENSORS AND ACTUATORS B-CHEMICAL, vol.171, pp.223-229, 2012 (SCI-Expanded)
- XXVIII. **Amperometric determination of sulfide based on its electrocatalytic oxidation at a pencil graphite electrode modified with quercetin**
DİLGİN Y., KIZILKAYA B., Ertek B., Erena N., Dilgin D. G.
TALANTA, vol.89, pp.490-495, 2012 (SCI-Expanded)
- XXIX. **Comparative Study of Biosorption of Heavy Metals Using Living Green Algae *Scenedesmus quadricauda* and *Neochloris pseudoalveolaris*: Equilibrium and Kinetics**
KIZILKAYA B., Turker G., Akgül R., DOĞAN F.
JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, vol.33, pp.410-419, 2012 (SCI-Expanded)
- XXX. **BIOSORPTION OF HEAVY METAL IONS FROM AQUEOUS SOLUTIONS BY NONLIVING *Scenedesmus quadricauda* BIOMASS**
Akgul R., KIZILKAYA B., Akgul F., DOĞAN F.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.10, pp.2922-2928, 2012 (SCI-Expanded)
- XXXI. **Evaluation of Fatty Acid Composition, Antioxidant and Antimicrobial Activity, Mineral Composition and Calorie Values of Some Nuts and Seeds from Turkey**
Kirbaslar F. G., TÜRKER G., Ozsoy-Gunes Z., ÜNAL M., Dulger B., Ertas E., KIZILKAYA B.
RECORDS OF NATURAL PRODUCTS, vol.6, no.4, pp.339-349, 2012 (SCI-Expanded)
- XXXII. **Removal of Azure A Dye from Aqueous Environment Using Different Pretreated Fish Bones: Equilibrium, Kinetic, and Diffusion Study**
Kizilkaya B.
JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, vol.33, no.10, pp.1429-1436, 2012 (SCI-Expanded)
- XXXIII. **Biosorption of Co(II), Cr(III), Cd(II), and Pb(II) Ions from Aqueous Solution Using Nonliving *Neochloris Pseudoalveolaris* Deason & Bold: Equilibrium, Thermodynamic, and Kinetic Study**
KIZILKAYA B., doğan F., Akgül R., Türker G.
JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, vol.33, no.7, pp.1055-1065, 2012 (SCI-Expanded)
- XXXIV. **Usage of Biogenic Apatite (Fish Bones) on Removal of Basic Fuchsin Dye from Aqueous Solution**
Kizilkaya B.
JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, vol.33, no.11, pp.1596-1602, 2012 (SCI-Expanded)
- XXXV. **Comparative Study and Removal of Co and Ni (II) Ions from Aqueous Solutions Using Fish Bones**
KIZILKAYA B., Tekinay A. A.
SCIENCE OF ADVANCED MATERIALS, vol.3, no.6, pp.949-961, 2011 (SCI-Expanded)
- XXXVI. **Adsorption and removal of Cu (II) ions from aqueous solution using pretreated fish bones**
KIZILKAYA B., TEKINAY A. A., DİLGİN Y.
DESALINATION, vol.264, pp.37-47, 2010 (SCI-Expanded)
- XXXVII. **Synthesis, characterization and thermal degradation of oligo-2-[(4-chlorophenyl)iminomethylene]phenol and its oligomer-metal complexes**
KAYA İ., KIZILKAYA B., ÖZDEMİR E.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.44, no.7, pp.1307-1322, 2005 (SCI-Expanded)
- XXXVIII. **Synthesis, characterization, and thermal degradation of oligo-2-[(4-chlorophenyl) imino methylenel phenol and its oligomer-metal complexes**
Kaya I., Kizilkaya B., Ozdemir E.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.44, no.7, pp.1307-1322, 2005 (SCI-Expanded)

Articles Published in Other Journals

- I. **Increased Free Radical Scavenging Activity and Consumer Preference in Garden Cress (*Lepidium sativum* L.) Subjected to Water Stress**

ERKEN O., PALA Ç., KIZILKAYA B.

ÇOMÜ ZIRAAT FAKÜLTESİ DERGİSİ, vol.11, no.2, pp.276-285, 2023 (Peer-Reviewed Journal)

- II. **First Report of the Scandium Element in Pagrus pagrus Otoliths: A Potential Indicator of Thermal Activity From Gökçeada Island, Turkey**
KIZILKAYA B., AYYILDIZ H., ALTIN A., YALÇIN ÖZDİLEK Ş.
Acta Natura et Scientia, vol.2, pp.35-39, 2021 (Peer-Reviewed Journal)
- III. **Blue Color Anomaly in Turkish Crayfish Pontastacus leptodactylus (Eschscholtz, 1823) (Crustacea, Decapoda, Astacidae) From Atikhisar Reservoir in Çanakkale, Turkey**
Kale S., Berber S., Acarlı D., Demirkiran T., Vural P., Acarlı S., Kizilkaya B.
Acta Natura et Scientia, vol.2, no.1, pp.1-5, 2021 (Peer-Reviewed Journal)
- IV. **First Report of Albinism in Turkish Crayfish Pontastacus leptodactylus (Eschscholtz, 1823) (Crustacea, Decapoda, Astacidae)**
Kale S., Berber S., Acarlı D., Demirkiran T., Vural P., Acarlı S., Kizilkaya B., Tan E.
Acta Natura et Scientia, vol.1, no.1, pp.36-42, 2020 (Peer-Reviewed Journal)
- V. **Determination of Protein and Fat Amounts in Dried Apple and Pear Chips**
ERKEN O., KIZILKAYA B., ALTIN A., AYYILDIZ H.
Acta Natura et Scientia, vol.1, no.1, pp.6-11, 2020 (Peer-Reviewed Journal)
- VI. **Determination of total Carotene and Chlorophyll contents of tellina (Donax trunculus Linnaeus, 1758) using UV spectrophotometer in Black Sea**
Tan E., KIZILKAYA B.
RESEARCH IN MARINE SCIENCES, vol.5, no.3, pp.747-753, 2020 (ESCI)
- VII. **Age and Growth of Red Porgy, Pagrus pagrus from the Island of Gokceada, North Aegean Sea**
AYYILDIZ H., ALTIN A., KIZILKAYA B.
AQUATIC SCIENCES AND ENGINEERING, vol.35, no.2, pp.57-63, 2020 (ESCI)
- VIII. **Changes in some bioactive compounds of red cabbage (Brassica oleracea L.var.Rubra) under water stress**
YILDIRIM M., ERKEN O., KIZILKAYA B.
Mediterranean Agricultural Sciences, vol.32, no.3, pp.401-407, 2019 (Peer-Reviewed Journal)
- IX. **Age and growth of common pandora, Pagellus erythrinus (Perciformes; Sparidae) from the Gokceada Island, North Aegean Sea**
Ayyidiz H., ALTIN A., KIZILKAYA B.
RESEARCH IN MARINE SCIENCES, vol.4, no.4, pp.587-598, 2019 (ESCI)
- X. **Investigation of Heavy Metal Content of Tellina (Donax trunculus Linnaeus, 1758) in Black Sea Region (Kefken)**
Tan E., KIZILKAYA B.
Marine Science and Technology Bulletin, vol.8, no.2, pp.69-75, 2019 (Peer-Reviewed Journal)
- XI. **The liver lipid fatty acid composition of two cartilaginous fish, the thornback ray (Raja clavata) and the common smooth-hound (Mustelus mustelus)**
Yığın C. Ç., Çakır F., Cabbar K., Kizilkaya B., Ormanci H. B., Öztekin A., Özüdoğru Y.
Aquatic Research, vol.2, no.3, pp.143-153, 2019 (Peer-Reviewed Journal)
- XII. **THE LIVER LIPID FATTY ACID COMPOSITION OF TWO CARTILAGINOUS FISH, THE THORNBACK RAY (Raja clavata) AND THE COMMON SMOOTH-HOUND (Mustelus mustelus)**
YIĞIN C. Ç., ÇAKIR F., cabbar k., KIZILKAYA B., ORMANCI H. B., ÖZTEKİN A., ÖZÜDOĞRU Y.
aquatic research, vol.2, no.3, pp.143-153, 2019 (Peer-Reviewed Journal)
- XIII. **First Record of Wide-Eyed Flounder (Bothus podas Delaroche, 1809) in Saroz Bay (Northern Aegean Sea, Turkey)**
CENGİZ Ö., PARUĞ Ş. Ş., KIZILKAYA B.
Turkish Journal of Agriculture - Food Science and Technology, vol.7, no.6, pp.899-902, 2019 (Peer-Reviewed Journal)
- XIV. **Occurrence of Rudderfish (Centrolophus niger Gmelin, 1789) in Saroz Bay (Northern Aegean Sea, Turkey)**

CENGİZ Ö., PARUÇ Ş. Ş., KIZILKAYA B.

Turkish Journal of Agriculture - Food Science and Technology, vol.7, no.5, pp.799-801, 2019 (Peer-Reviewed Journal)

- XV. **Maximum Size Record of Brown Meagre (*Sciaena umbra* Linnaeus, 1758) for Aegean Sea**
Cengiz Ö., KIZILKAYA B., Parug S. S.
KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.22, no.4, pp.659-663, 2019 (ESCI)
- XVI. **Weight-Length Relationship and Reproduction of Bogue (*Boops boops* Linnaeus, 1758) in Saros Bay (Northern Aegean Sea, Turkey)**
Cengiz Ö., Parug S. S., KIZILKAYA B.
KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.22, no.4, pp.577-582, 2019 (ESCI)
- XVII. **Growth Characteristics of Annular Seabream (*Diplodus annularis* Linnaeus, 1758) for Turkish Waters**
Cengiz Ö., KIZILKAYA B., Parug S. S.
KSU TARIM VE DOGA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.22, no.5, pp.817-822, 2019 (ESCI)
- XVIII. **Investigation of Antioxidant Properties and Bioactive Composition of *Allium tuncelianum* ((Kollman) Ozhatay, Matthew & Siraneci) and *Allium sativum* L.**
ŞEHİTOĞLU M. H., YARALI KARAKAN F., KIZILKAYA B., ÖZTOPUZ R. Ö., GÜLÇİN İ.
İğdir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.8, no.4, pp.213-221, 2018 (Peer-Reviewed Journal)
- XIX. **Investigation of Antioxidant Properties and Bioactive Composition of *Allium Tuncelianum* ((Kollman) Ozhatay, Matthew & Siraneci) and *Allium Sativum* L.**
ŞEHİTOĞLU H., YARALI F., KIZILKAYA B., ÖZTOPUZ R. Ö., GÜLÇİN İ.
Journal of the institute of science and technology, vol.8, no.4, pp.221-229, 2018 (Peer-Reviewed Journal)
- XX. **Fatty Acid Profiles in Wild Axillary Seabream (*Pagellus acarne*) versus Cage-Aggregated and Cage-Farmed Fish with Referenceto Nutritional Contribution for Human Consumers**
ÖZTEKİN A., YİĞİT M., KIZILKAYA B., ÜÇYOL N., YILMAZ S., Tan E., BULUT M., ERGÜN S., AYAZ A.
Aquaculture Studies, vol.18, no.2, pp.29-38, 2018 (Scopus)
- XXI. **An application on fish bones by chemical modification of histidine as amino acid.**
KIZILKAYA B., ORMANCI H. B., ÖZTEKİN A., Tan E., ÜÇYOL N., TÜRKER G., Tekinay A. A., BİLİCİ A.
Marine Science and Technology Bulletin, vol.4, no.1, pp.19-23, 2015 (Peer-Reviewed Journal)
- XXII. **Surface modification with P-aminohippuric acid on biogenic apatite (fish bones) particles.**
Tan E., KIZILKAYA B., ÜÇYOL N., ORMANCI H. B., ORAL A.
Marine Science and Technology Bulletin, vol.3, no.2, pp.45-50, 2014 (Peer-Reviewed Journal)
- XXIII. **A preliminary study of the effect of phytoadditive carvacrol on the trace elements (Cu, Mn and Zn) content in fish tissues**
Yılmaz E., ERGÜN S., YILMAZ S., KAYA H., KIZILKAYA B., Soytaş N.
J. BioSci. Biotech., vol.3, no.1, pp.43-47, 2014 (Peer-Reviewed Journal)
- XXIV. **A preliminary study of the effect of phytoadditive carvacrol on the trace elements (Cu, Mn and Zn) content in fish tissues**
Yılmaz E., ERGÜN S., YILMAZ S., KAYA H., KIZILKAYA B., Soytaş N.
J. BioSci. Biotech., vol.3, no.1, pp.43-47, 2014 (Peer-Reviewed Journal)
- XXV. **A preliminary study of the effect of phytoadditive carvacrol on the trace elements (Cu, Mn and Zn) content in fish tissues**
Yılmaz E., ERGÜN S., YILMAZ S., KAYA H., KIZILKAYA B., Soytaş N.
J. BioSci. Biotech., vol.3, no.1, pp.43-47, 2014 (Peer-Reviewed Journal)
- XXVI. **Surface modification with P aminohippuric acid on biogenic apatit fish bones particles**
TAN E., KIZILKAYA B., ÜÇYOL N., ORMANCI H. B., ORAL A.
Marine Science and Technology Bellettin, vol.3, no.2, pp.45-50, 2014 (Peer-Reviewed Journal)
- XXVII. **Free radical scavenging activity and phenolic content of edible wild fruits from Kazdagi Ida**

Mountains Turkey

TÜRKER G., KIZILKAYA B., ÇEVİK N., GÖNÜZ A.

Journal Of Medicinal Plants Research, vol.6, no.36, 2012 (Peer-Reviewed Journal)

XXVIII. Some air and water pollution indicators in and around the Lake Abant Turkey

DOĞAN M., KIZILKAYA B.

Journal of Black Sea Mediterranean Environment, vol.16, no.1, pp.53-74, 2010 (Peer-Reviewed Journal)

XXIX. A preliminary assessment of the water and air quality parameters in and around the Lake Yenicağa coast

DOĞAN M., KIZILKAYA B.

Journal of Black Sea Mediterranean Environment, vol.16, no.2, pp.167-194, 2010 (Peer-Reviewed Journal)

XXX. Portakal Yağının Citrus Cinensis L Osbeck Bileşiminin ve Antioksidan Aktivitesinin İncelenmesi

KIRBAŞLAR F. G., TÜRKER G., KIZILKAYA B.

KİMYA ve SANAYİ, vol.42, no.30, pp.36-38, 2009 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. KURUTULARAK TÜKETİLEN BAZI MEYVELERİN BESİN DEĞERLERİNİN BELİRLENMESİ

Erken O., Kızılkaya B.

The 4th Interational Congress of Agriculture, Enviroment and Health, Aydın, Turkey, 20 - 22 May 2021, pp.242

II. BLUE COLOR ANOMALY IN TURKISH CRAYFISH PONTASTACUS LEPTODACTYLUS ESCHSCHOLTZ 1823 CRUSTACEA DECAPODA ASTACIDAE FROM ATIKHISAR RESERVOIR IN CANAKKALE TURKEY

Kale S., Berber S., Acarlı D., Demirkıran T., Vural P., Acarlı S., Kızılkaya B.

4th International Conference on Engineering Technologies, Konya, Turkey, 19 - 21 November 2020, pp.9

III. ALBINISM IN FRESHWATER CRAYFISH Pontastacus leptodactylus (Eschscholtz, 1823) FROM ATIKHISAR RESERVOIR IN ÇANAKKALE, TURKEY

Kale S., Berber S., Acarlı D., Acarlı S., Vural P., Kızılkaya B., Demirkıran T., Tan E.

7th International Congress on Fundamental and Applied Sciences, Priştine, Kosovo, 06 October 2020, pp.52

IV. Monthly variation in meat quality and shell component index of three clam species (Bivalvia-Veneridae) from Turkey

KIZILKAYA B., ACARLI S., VURAL P.

INTERNATIONAL BIODIVERSITY ECOLOGYSCIENCES SYMPOSIUM PROCEEDINGS(BIOECO2019), İstanbul, Turkey, 26 - 28 September 2019, pp.318

V. Evaluation of Chamellea gallina (Linnaeus, 1758) on Total Carotenoid Amounts on Black Sea Coast in Turkey

KIZILKAYA B., ACARLI S., VURAL P.

INTERNATIONAL BIODIVERSITY ECOLOGYSCIENCES SYMPOSIUM PROCEEDINGS(BIOECO2019), İstanbul, Turkey, 26 - 28 September 2019, pp.319

VI. Investigation of Shells Structure of Pacific oyster (Crassostrea gigas Thunberg, 1793) by Scanning Electron Microscope (SEM) and Energy Dispersive Spectroscopy (EDS) Analysis

KIZILKAYA B., ACARLI S., VURAL P., Tan E.

INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Kastamonu, Turkey, 19 June 2019 - 23 June 2018, pp.702

VII. Reproductive Strategy and Gonad Development of Alien Species Pacific Oyster (Crassostrea gigas Thunberg, 1793) from Bandırma Bay, Marmara Sea-Turkey

ACARLI S., KIZILKAYA B., VURAL P., Gündüz F., TAN E.

INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Kastamonu, Turkey, 19 - 23 June 2019, pp.391

VIII. Determination of total carotenoid amount of Donax trunculus (Linnaeus, 1758) on Black Sea coast in Turkey

KIZILKAYA B., Tan E.

1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 2 - 04 May 2019, pp.266

- IX. **Determination of vitamin E (α -Tocopherol) and A (Retinol) of Pacific oyster (*Crassostrea gigas* Thunberg, 1793) at Different Period Using HPLC-DAD**
KIZILKAYA B., ACARLI S., VURAL P.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 2 - 04 May 2019, pp.302
- X. **Investigation of some mineral contents in cultured Albino Rainbow Trout (*Oncorhynchus mykiss* Walbaum, 1792)**
KIZILKAYA B., PARUĞ Ş. Ş., CENGİZ Ö.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 2 - 04 May 2019, pp.297
- XI. **Comparison and evaluation of the indicator amino acids of gelatine obtained from sea bream and sea bass**
Üçyol N., KIZILKAYA B.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 2 - 04 May 2019, pp.294
- XII. **Determination on mineral composition on shell structure of bivalve by Scanning Electron Microscopy (SEM) and Energy Dispersive Spectroscopy (EDS) analysis**
KIZILKAYA B., Tan E.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 2 - 04 May 2019, pp.296
- XIII. **A study on the determination of zinc, iron, magnesium and potassium contents in Brown Trout (*Salmo trutta* Linnaeus, 1758)**
CENGİZ Ö., KIZILKAYA B., PARUĞ Ş. Ş.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 2 - 04 May 2019, pp.660
- XIV. **Investigation of ω -3 fatty acid contents of Horse Mackerel (*Trachurus trachurus* Linnaeus, 1758) in Dardanelles, Turkey**
KIZILKAYA B., CENGİZ Ö., PARUĞ Ş. Ş.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 2 - 04 May 2019, pp.299
- XV. **Determination and comparison of essential fatty acids in some cultured fish skin**
Üçyol N., KIZILKAYA B.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 2 - 04 May 2019, pp.295
- XVI. **Comparison of radical antioxidant capacity of *Ensis marginatus* (Pennant, 1777) at different period in Gelibolu (Çanakkale, Turkey)**
ACARLI S., KIZILKAYA B., VURAL P., ÇELİK P.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 02 May 2019, pp.303
- XVII. **HPLC application and method development for simultaneous determination of watersoluble vitamins and organic acids**
KIZILKAYA B.
1st INTERNATIONAL SYMPOSIUM ON BIODIVERSITYRESEARCH, ISBR-2019, Çanakkale, Turkey, 2 - 04 May 2019, pp.267
- XVIII. **"Surface Modification of Hydroxyapatite with Enzyme Catalyzed Reaction and Effect of Temperature on the Modification Reaction**
DANIŞMAN M., KIZILKAYA B., ORAL A.
II. International Joint Science Congress of Materials and Polymers, Durres, Albania, 9 November - 12 December 2018, pp.59
- XIX. **DETERMINATION OF SOME BIOFUNCTIONAL PROPERTIES OF *Allium tuncelianum* (Kollman) Özhatay, Matthew Şiraneci AND *Allium sativum* L.**

ŞEHİTOĞLU M. H., YARALI KARAKAN F., ÖZTOPUZ R. Ö., KIZILKAYA B., GÜLÇİN İ.

4th International Symposium of Medicinal and Aromatic Plants, 2 - 04 October 2018

- XX. **Surface Modification of Fish Bones Using 3-(Methacryloyloxy) propyl-trimethoxysilane and Acrylamide**
Kızılkaya B., Tan E., Ormancı H. B., Bilici A., Türker G., Öztekin A.
International Ecology 2018 Symposium, Kastamonu, Turkey, 19 - 23 June 2018, pp.105
- XXI. **Reproductive Strategy and Gonad Development of Alien Species Pacific Oyster (*Crassostrea gigas* Thunberg, 1793) from Bandırma Bay, Marmara Sea-Turkey**
ACARLI S., KIZILKAYA B., VURAL P., GÜNDÜZ F., Tan E.
International Ecology 2018 Symposium, Kastamonu, Turkey, 19 - 23 June 2018, pp.391
- XXII. **Investigation of Shells Structure of Pacific oyster (*Crassostrea gigas* Thunberg, 1793) by Scanning Electron Microscope (SEM) and Energy Dispersive Spectroscopy (EDS) Analysis**
KIZILKAYA B., ACARLI S., VURAL P., Tan E.
International Ecology 2018 Symposium, Kastamonu, Turkey, 19 - 23 June 2018, pp.702
- XXIII. **Investigation of Shells Structure of Pacific oyster (*Crassostrea gigas* Thunberg, 1793) by Scanning Electron Microscope (SEM) and Energy Dispersive Spectroscopy (EDS) Analysis**
KIZILKAYA B., ACARLI S., VURAL P., Tan E.
INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Kastamonu, Turkey, 19 - 23 June 2018, pp.702
- XXIV. **Investigation of Shells Structure of Pacific oyster (*Crassostrea gigas* Thunberg, 1793) by Scanning Electron Microscope (SEM) and Energy Dispersive Spectroscopy (EDS) Analysis**
KIZILKAYA B., ACARLI S., VURAL P., Tan E.
INTERNATIONAL ECOLOGY 2018 SYMPOSIUM, Kastamonu, Turkey, 19 - 23 June 2018, pp.702
- XXV. **Determination of some Biofunctional properties of *Allium tuncelianum* ((Kollman) Ozhatay, Matthew & Siraneci) and *Allium sativum* L.**
ŞEHİTOĞLU M. H., YARALI KARAKAN F., KIZILKAYA B., ÖZTOPUZ R. Ö., GÜLÇİN İ.
4.International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 02 October 2018, pp.32
- XXVI. **Bakır Alaşım Ağ-Kafes ve Beton Havuz Sistemlerinde Yetiştirilen Gökkuşluğu Alabalığı (*Oncorhynchus mykiss*) Kan Parametrelerindeki Değişimler**
ACAR Ü., KESBİÇ O. S., ÇELİKKOL B., YILMAZ S., KIZILKAYA B., BULUT M., BÜYÜKATEŞ İNANMAZ Y., ÖZALP H. B., YİĞİT Ü., GÜRSER K., et al.
19. Ulusal Su Ürünleri Sempozyumu, Turkey, 12 - 15 September 2017
- XXVII. **Tatlısu Havuzlarında ve Bakır Alaşım Ağlarda Yetiştirilen Gökkuşluğu Alabalıklarının (*Oncorhynchus mykiss*) Büyüme Performanslarının Karşılaştırılması**
KESBİÇ O. S., ACAR Ü., ÇELİKKOL B., YILMAZ S., BULUT M., ÖZALP H. B., BÜYÜKATEŞ İNANMAZ Y., KIZILKAYA B., YİĞİT Ü., GÜRSER K., et al.
19. Ulusal Su Ürünleri Sempozyumu, Sinop, Turkey, 12 - 15 September 2017, pp.65
- XXVIII. **Lipid and Fatty Acid Composition in the Liver Oil of Smooth-Hound Shark, *Mustelus mustelus* (Linnaeus, 1958) and Thornback Ray, *Raja clavata* (Linnaeus, 1958)**
YİĞİN C. Ç., ÇAKIR F., CABBAR K., KIZILKAYA B., ORMANCI H. B., ÖZTEKİN A., ÖZÜDOĞRU Y.
ISEEP, VIII.International Symposium on Ecology and Environment, 4 - 07 October 2017
- XXIX. **Lipid and Fatty Acid Composition in The Liver Oil of Smooth-Hound Shark, *Mustelus mustelus* (Linnaeus, 1758) and Thornback Ray, *Raja clavata* (Linnaeus, 1758)**
YİĞİN C. Ç., ÇAKIR F., KIZILKAYA B., ORMANCI H. B., ÖZÜDOĞRU Y.
ISEEP-2017 VIII. INTERNATIONAL SYMPOSIUM ON ECOLOGY AND ENVIRONMENTAL PROBLEMS, Çanakkale, Turkey, 4 - 10 October 2017, pp.278
- XXX. **Bakır alaşım ağ-kafes ve beton havuz sistemlerinde yetiştirilen Gökkuşluğu alabalığı (*Oncorhynchus mykiss*) kan parametrelerindeki değişimler**
ACAR Ü., KESBİÇ O. S., ÇELİKKOL B., YILMAZ S., KIZILKAYA B., BULUT M., BÜYÜKATEŞ Y., ÖZALP H. B., YİĞİT Ü., GÜRSER R. K., et al.
19. Ulusal Su Ürünleri Sempozyumu, Sinop, Turkey, 12 - 15 September 2017, pp.62
- XXXI. **Bioaccumulation of trace metals in Mediterranean mussels (*Mytilus galloprovincialis*) from acopper-**

alloy fish farm and potential risk assessment

YİĞİT M., ÇELİKKOL B., YILMAZ S., BULUT M., KIZILKAYA B., ÖZALP H. B., Dwyer R. L., Maita M., Yiğit Ü., ERGÜN S., et al.
JSFS 85th Anniversary-Commemorative International Symposium, 22 - 24 September 2017

- XXXII. **Bioaccumulation of trace metals in Mediterranean mussels (*Mytilus galloprovincialis*) from a copper-alloy fish farm and potential risk assessment**

YİĞİT M., ÇELİKKOL B., YILMAZ S., BULUT M., KIZILKAYA B., ÖZALP H. B., DWYER R., MAITA M., YİĞİT Ü., ERGÜN S., et al.

The JSFS 85th Anniversary-Commemorative International Symposium, Fisheries Science for Future Generations, JAPAN, Tokyo, Japan, 22 - 24 September 2017, pp.1

- XXXIII. **Bakır Alaşım Ağ-Kafes ve Beton Havuz Sistemlerinde Yetiştirilen Gökkuşluğu Alabalığı (*Oncorhynchus mykiss*) Kan Parametrelerindeki Değişimler**

ACAR Ü., KESBİÇ O. S., ÇELİKKOL B., YILMAZ S., KIZILKAYA B., BULUT M., BÜYÜKATEŞ İNANMAZ Y., ÖZALP H. B., YİĞİT Ü., GÜRSES K., et al.

19. Ulusal Su Ürünleri Sempozyumu, Turkey, 12 - 15 September 2017, pp.62

- XXXIV. **Bakır Alaşım Ağ-Kafes ve Beton Havuz Sistemlerinde Yetiştirilen Gökkuşluğu Alabalığı (*Oncorhynchus mykiss*) Kan Parametrelerindeki Değişimler**

ACAR Ü., Kesbiç O. S., ÇELİKKOL B., YILMAZ S., KIZILKAYA B., BULUT M., BÜYÜKATEŞ Y., ÖZALP H. B., YİĞİT Ü., GÜRSES K., et al.

19. Ulusal Su Ürünleri Sempozyumu, Sinop, Turkey, 12 - 15 September 2017, pp.62

- XXXV. **Tatlısu Havuzlarında ve Bakır Alaşım Ağlarında Yetiştirilen Gökkuşluğu Alabalıklarının (*Oncorhynchus mykiss*) Büyüme Performanslarının Karşılaştırılması**

ACAR Ü., Kesbiç O. S., ÇELİKKOL B., YILMAZ S., BULUT M., ÖZALP H. B., BÜYÜKATEŞ Y., KIZILKAYA B., YİĞİT Ü., GÜRSES K., et al.

19. Ulusal Su Ürünleri Sempozyumu, Sinop, Turkey, 12 - 15 September 2017, pp.67

- XXXVI. **Ankilozan Spondilitli Hastalarda İskemi Modifiye Albumin Ve Oksidatif Stres Belirteçlerinin Karşılaştırılması**

TÜRKÖN H., GÖKMEN F., ÇAKIR D. Ü., ŞEHİTOĞLU M. H., REŞORLU H., DÖNER D., eşsizoglu E., AKBAL A., KIZILKAYA B.

11 Türk Romatoloji Sempozyumu, Antalya, Turkey, 26 - 29 March 2015

- XXXVII. **Modification with Tryptophan on Surface of Fish Bones Particles by Chemical Reaction**
KIZILKAYA B., ÜÇYOL N., TAN E., ÖZTEKİN A.

Turkish - Japanese Marine Forum III Recent Developments In Marine & Environmental Science Sustainable Utilization of Water resources , ÇANAKKALE, TÜRKİYE, Çanakkale, Turkey, 26 - 28 November 2015

- XXXVIII. **Catch Efficiency, Bycatch and Discard Rates of the Encircling Nets, used in Bluefish (*Pomatomus saltatrix*, Linnaeus 1766) and Atlantic Bonito (*Sarda sarda*, Bloch 1973) Fishery in Çanakkale Region**
ÖZTEKİN A., ÖZEKİNCİ U., DABAN İ. B., KIZILKAYA B., AYAZ A., ALTINAĞAÇ U.

Turkish - Japanese Marine Forum III Recent Developments In Marine & Environmental Science Sustainable Utilization of Water resources, Çanakkale, Turkey, 26 November 2015, pp.9

- XXXIX. **EFFECT OF THE MONTHLY CHANGE OF MYTILUS GALLOPROVINCIALIS USING METHOD OF FREE OF RADICAL SCAVENGING ACTIVITY ASSAY AS ANTİOXİDANT**

TÜRKER G., YILDIZ H., ACARLI S., VURAL P., HİSAR O., GÜNDÜZ F., KIZILKAYA B.

Abstracts of the 5th International Scientific Conference to commemorate famous hydrobiologist Georgi G. Winberg, Saint Peter, Guernsey And Alderney, 12 - 17 October 2015, pp.288

- XL. **Effect of the Change of *Mytilus galloprovincialis* Using Method of Free of Radical Scavenging Activity Assay as Antioxidant.**

TÜRKER G., YILDIZ H., ACARLI S., VURAL P., HİSAR O., GÜNDÜZ F., KIZILKAYA B.

5th International Conference to Commemorate G. Winberg, St. Petersburg, Russia, 12 - 17 October 2015, pp.288

- XLI. **Radical Scavenging and Phenolic Content of Persimmon Fruit *Diospyros kaki* Cultivated in Çanakkale 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

- XLII. **Investigation of Some Heavy Metal Concentration of *Mytilus galloprovincialis* as Monthly.**
TÜRKER G., YILDIZ H., ACARLI S., VURAL P., HİSAR O., GÜNDÜZ F., KIZILKAYA B.
5th International Conference to Commemorate G. Winberg, St. Petersburg, Russia, 12 - 17 October 2015, pp.289
- XLIII. **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
- XLIV. **Effect of the Change of *Mytilus galloprovincialis* Using Method of Free of Radical Scavenging Activity Assay as Antioksidant**
TÜRKER G., YILDIZ H., ACARLI S., VURAL P., HİSAR O., fettah g., KIZILKAYA B.
5th International Conference to Commemorate G. Winberg, Saint Peter, Guernsey And Alderney, 12 - 17 October 2015, pp.288
- XLV. **Reproductive Cycle of Razor Clam (*Ensis marginatus*, Pennant 1777) in Çanakkale Gelibolu, Turkey.**
ACARLI S., YILDIZ H., ACARLI D., AYAZ A., VURAL P., GÜNDÜZ F., KIZILKAYA B., AYDIN S.
5th International Conference to Commemorate G. Winberg, St. Petersburg, Russia, 12 - 17 October 2015, pp.7
- XLVI. **Body Amino Acid Composition of Axillary seabream *Pagellus acarne* R 1827 Caught from Dardanelles Canakkale Turkey**
Öztekin A., Kizilkaya B., Aslan A., Selvi K., Yılmaz S., Hisar O., Ergün S.
7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA), Kavala, Greece, Kavala, Greece, 17 - 20 September 2015, vol.1, pp.371-375
- XLVII. **Comparison Of Antioxidant And Antiradical Activities Of Lyophilized Water Extracts Of Two Different Types Of Garlic**
ŞEHİTOĞLU M. H., YARALI F., ÖZTOPUZ R. Ö., KIZILKAYA B.
Workshop on Determining Antioxidants as Reactive Species Scavengers, Turkey, 27 - 28 October 2014
- XLVIII. **Comparison Of Antioxidant And Antiradical Activities Of Lyophilized Water Extracts Of Two Different Types Of Garlic *Allium Sativum* L And *Allium Tuncelianum* L**
ŞEHİTOĞLU M. H., YARALI F., ÖZTOPUZ R. Ö., KIZILKAYA B.
Workshop on Determining Antioxidants as Reactive Species Scavengers, İstanbul, Turkey, 27 - 28 October 2014
- XLIX. **Comparison Of Antioxidant And Antiradical Activities Of Lyophilized Water Extracts Of Two Different Types Of Garlic (*Allium Sativum* L. And *Allium Tuncelianum* L.)**
ŞEHİTOĞLU H., Yaralı F., ÖZTOPUZ R. Ö., KIZILKAYA B.
Workshop on Determining Antioxidants as Reactive Species Scavengers, İstanbul, Turkey, 27 - 28 October 2014, pp.73
- L. **Glucose biosensor in flow injection analysis system based on glucose oxidase quantum dot modified pencil graphite electrode**
Sağlam Ö., KIZILKAYA B., UYSAL H., DİLGİN Y.
I. Ulusal Biyosensör Kongresi, Tekirdağ, Turkey, 22 - 26 June 2014
- LI. **Does Copper Alloy Net Cage Affect Metal Accumulation in Fish**
Yiğit M., Çelikkol B., Bulut M., Gace L., Yılmaz S., Kaya H., Hisar O., Yıldız H., Büyükteş Y., Kizilkaya B., et al.
1st International Symposium on Aquatic Science and Technology In Nothern Cyprus, Girne, Cyprus (Kktc), 15 - 17 May 2014, vol.1, pp.28
- LII. **Gametogenic Cycle and Biochemical Composition of Fan Mussel, *Pinna nobilis* Linnaeus 1758 in Aegean Sea, Turkey**
ACARLI S., İök a., ACARLI D., Kırtık A., YILDIZ H., KIZILKAYA B., küçükdermenci a., VURAL P., Gündüz F.
1 st International Symposium on Aquatic Sciences and Technology, Kıbrıs, Cyprus (Kktc), 15 - 17 May 2014, pp.1
- LIII. **Nutritional Components of Some Economic Shellfish Species and Editing Their Sonsumer Srtategies by Identifying the Contents of Shell**
YILDIZ H., HİSAR O., ACARLI S., KIZILKAYA B., TÜRKER G., VURAL P., Gündüz F., Saltan A. N., Kaya İ.
1 st International Symposium on Aquatic Sciences and Technology, Kıbrıs, Cyprus (Kktc), 15 - 17 May 2014, pp.1

- LIV. **Nutritional Components of Some Economic Shellfish Species and Editing Their Sonsumer Strategies by Identifying the Contents of Shell**
YILDIZ H., HİSAR O., ACARLI S., KIZILKAYA B., TÜRKER G., VURAL P., Gündüz F., Saltan A. N., Kaya İ.
1 st International Symposium on Aquatic Sciences and Technology, Kıbrıs, Cyprus (Kkct), 15 - 17 May 2014, pp.1
- LV. **Gametogenic Cycle and Biochemical Composition of Fan Mussel *Pinna nobilis* Linnaeus 1758 in Aegean Sea Turkey**
ACARLI S., LÖK A., ACARLI D., KIRTIK A., YILDIZ H., KIZILKAYA B., KÜÇÜKDERMENCI A., VURAL P., fettah g.
Aquacyprus-2104, 15 - 17 May 2014, pp.52
- LVI. **Practical Application Method of HPLC for Analysis of Amino Acid by Precolumn Derivatization with OPA in Seafood.**
KIZILKAYA B., YILDIZ H., ACARLI S., TÜRKER G., TAN E.
Aquacyprus-2014, Girne, Cyprus (Kkct), 15 - 17 May 2014, pp.30
- LVII. **Gametogenic Cycle and Biochemical Composition of Fan Mussel, *Pinna nobilis* Linnaeus 1758 in Aegean Sea, Turkey**
ACARLI S., Lök a., ACARLI D., Kirtık A., YILDIZ H., KIZILKAYA B., küçükdermenci a., VURAL P., Gündüz F.
1 st International Symposium on Aquatic Sciences and Technology, Kıbrıs, Cyprus (Kkct), 15 - 17 May 2014, pp.1
- LVIII. **Total Protein Values and Amino Acid Profiles of Algae (Phaeophyceae and Chlorophyta) from Black Sea Coast (Kastamonu, Turkey)**
AKGÜL R., AKGÜL F., KIZILKAYA B., FIRAT A. R., ERDUĞAN H.
ICOEST, Antalya, Turkey, 14 - 17 May 2014, pp.403-404
- LIX. **Total Lipid and Fatty Acid Composition of Algae (Phaeophyceae and Chlorophyta) from Black Sea Coast (Kastamonu, Turkey)**
AKGÜL R., AKGÜL F., KIZILKAYA B., FIRAT A. R., ERDUĞAN H.
ICOEST, Antalya, Turkey, 14 - 17 May 2014, pp.404-405
- LX. **Determination of Mineral Contents of Edible Wild Plants from the Northern Aegean Part of Turkey**
KIZILKAYA B., TÜRKER G., ÇEVİK N., Tekinay A.
Food Science, Engineering and Technologies, Bulgaria, 1 - 04 October 2011, vol.2, pp.497-501
- LXI. **Determination of Mineral Contents of Edible Wild Plants from the Northern Aegean Part of Turkey**
KIZILKAYA B., TÜRKER G., ÇEVİK N., Tekinay A.
Food Science, Engineering and Technologies, Bulgaria, vol.2, pp.497-501
- LXII. **Antioxidant Activity and Total Flavonoid Content of Commercial Trout Feed**
TÜRKER G., KIZILKAYA B., ÇEVİK N., Tekinay A.
Food Science, Engineering and Technologies, Bulgaria, 1 - 04 October 2011, vol.2, pp.431-435
- LXIII. **Mineral Composition of Raw and Smoked Trout (*Oncorhynchus mykiss*) Fillets**
ÇEVİK N., KIZILKAYA B., TÜRKER G., Tekinay A.
Food Science, Engineering and Technologies, Bulgaria, 1 - 04 October 2011, vol.2, pp.502-505
- LXIV. **Free Radical Scavenging Activity of Fresh and Smoked Trout**
TÜRKER G., KIZILKAYA B., ÇEVİK N., Tekinay A.
Food Science, Engineering and Technologies, Bulgaria, 1 - 04 October 2011, vol.2, pp.427-430
- LXV. **Amperometric Determination of Sulphide depend on its electrocatalytic oxidation at apencil graphite electrode modified with quercetin**
ERTEK B., ERAN N., DİLGİN Y., KIZILKAYA B., GİRAY DİLGİN D., GİRAY DİLGİN D.
9th International Electrochemsitry Meeting in TURKEY, 25 - 29 September 2011
- LXVI. **Electrocatalytic Oxidation of NADH using a pencil graphite electrode modified with quercetin**
DİLGİN Y., KIZILKAYA B., GİRAY DİLGİN D., GÖKÇEL H. İ., GORTON L.
9th International Electrochemsitry Meeting in TURKEY, 25 - 29 September 2011
- LXVII. **Electrocatalytic Oxidation of NADH using a pencil graphite electrode modified with quercetin**
DİLGİN Y., KIZILKAYA B., GİRAY DİLGİN D., Gökçel H., Gorton .
9th International Electrochemsitry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011, pp.123
- LXVIII. **Biosorption of heavy metal ions (Pb, Cd) from aqueous solutions by the green mikroalgae *Neochloris pseudoalveolaris***

- Akgül R., KIZILKAYA B., DOĞAN F., TÜRKER G.
Vth Internatinal Bioengineering Congress, (BEC 2010), Turkey, 1 - 04 June 2010, pp.132
- LXIX. **biosorption of heavy metal ions (Pb, Cd) from aqueous solutions by the green microlagae *Neochloris pseudoalveolaris***
AKGÜL R., KIZILKAYA B., TÜRKER G., DOĞAN F.
V. internaational Boiengineering Congress, İzmir, Turkey, 16 - 19 May 2010, pp.132
- LXX. **Comparative study of biosorption of heavy metals using dead green algae *Scenedesmus quadricauda*:Equilibrium and kinetic**
AKGÜL R., KIZILKAYA B., DOĞAN F., TÜRKER G.
V. İnternational Bioengineering Congress, İzmir, Turkey, 16 - 19 May 2010, pp.131
- LXXI. **Biosorption of heavy metal İons from aqueus solutions by living green alga *Choricystis minor* var. *gallica* (Bourrelly)**
AKGÜL R., TÜRKER G., DOĞAN F., KIZILKAYA B.
BİOTECH METU 2009, Ankara, Turkey, 27 - 30 October 2009, vol.86
- LXXII. **Photoelectrocatalytic oxidation of NADH at a poly-methylene blue modified glassy carbon electrode**
Bayrak B., Ertek B., GİRAY DİLGİN D., Gökçel H., KIZILKAYA B., DİLGİN Y.
8th International Electrochemistry Meeting, Antalya, Turkey, 8 - 11 October 2009, pp.207
- LXXIII. **Free Radical-Scavenging Activity of Gallipoli Propolis Extract**
TÜRKER G., Akgül R., KIZILKAYA B.
Internatinal Symposium on Biotechnology: Developments and Trends (BİOTECH 2009), Turkey, pp.87
- LXXIV. **Biosorption of Heavy Metal Ions From Aqueous Solutions by Living Green Alga *Choricystis minor* var. *gallica* (Bourrelly) Komarek**
Akgül R., TÜRKER G., DOĞAN F., KIZILKAYA B.
Internatinal Symposium on Biotechnology: Developments and Trends (BİOTECH 2009), Turkey, 1 - 04 September 2009, pp.86
- LXXV. **Proximate composition, mineral and heavy metal levels of egg and larvae in rainbow trout (*Oncorhynchus mykiss*) and *Salmo trutta***
Tekinay A., TÜRKER G., KIZILKAYA B.
1 ST International Congress Of Seafood Technology, Turkey, 1 - 04 May 2008, pp.209
- LXXVI. **Proximate composition, mineral and heavy metal levels in rainbow trout (*Oncorhynchus mykiss*) and *Salmo trutta***
Tekinay A., TÜRKER G., KIZILKAYA B.
1 ST International Congress Of Seafood Technology, Turkey, 1 - 04 May 2008, pp.27
- LXXVII. **Proximate composition, mineral, antioxidant and heavy metal levels in some fish species**
Tekinay A., TÜRKER G., KIZILKAYA B.
1 St International Congress Of Seafood Technology, Turkey, 1 - 04 May 2008, pp.114
- LXXVIII. **Sığır kuyruğu *Verbascum phlomoides* bitkisinin metanol özütünde antioksidan aktivitesinin incelenmesi**
TÜRKER G., SAĞLIKOĞLU G., KIZILKAYA B.
XX.Ulusal Kimya Kongresi, Erciyes Üniversitesi, Kayseri, 04-08 Eylül 2006., Turkey, 4 - 08 September 2006
- LXXIX. **Sığır Kuyruğu (*Verbascum Phlomoides*) Bitkisinin Metanol Özütünde Antioksidan Aktivitesinin İncelenmesi.**
Türker G., SAĞLIKOĞLU G., Kızılkaya B.
XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006
- LXXX. **Çeşitli Sulardaki Metal Analizlerinde Yaygın Kullanılan Analiz Yöntemlerinin Karşılaştırılması**
KIZILKAYA B., ÖZAY Ö., YILMAZ S.
3. Ulusal Analitik Kimya Kongresi, Çanakkale, Turkey, 5 - 07 July 2006, pp.225
- LXXXI. **Çanakkale nin Biga ilçesinde üretilen yoğurtların içeriğindeki bazı elementlerin ICP AES ile tayini**
TÜRKER G., SAĞLIKOĞLU G., KIZILKAYA B.
Analitik Kimya Kongresi, P-73 (Poster Bildiri) Çanakkale Onsekiz Mart Üniversitesi, Çanakkale, 05-07 Temmuz 2006., Turkey, 5 - 07 July 2006

- LXXXII. **Çanakale'nin Biga İlçesinde Üretilen Yoğurtların İçeriğindeki Bazı Elementlerin ICP-AES İle Tayini.**
Türker G., SAĞLIKOĞLU G., Kızilkaya B.
III.Ulusal Analitik Kimya Kongresi, Çanakkale, Turkey, 5 - 07 July 2006
- LXXXIII. **Zizyphus jujuba Mill. (Hünnap) Meyvelerinin Bazı Kimyasal Bileşenleri, Etnobotanik ve Ekolojik Özellikleri Üzerine Bir Araştırma**
TÜRKER G., GÖNÜZ A., SAĞLIKOĞLU G., KIZILKAYA B.
Kazdağları II. Ulusal Sempozyumu, Çanakkale, Turkey, 22 - 25 June 2006, pp.269-273

Supported Projects

- ALTIN A., AYYILDIZ H., KIZILKAYA B., Kurtkaya E., Project Supported by Higher Education Institutions, Çanakkale Kıyılarındaki Genç Tekir Mullus surmuletus Bireylerinin Otolit Kimyalarının Belirlenmesi, 2021 - 2023
- BERBER S., ACARLI S., KIZILKAYA B., VURAL P., KALE S., ACARLI D., TAN E., Project Supported by Higher Education Institutions, Atıkhisar Baraj Gölü Çanakkale Tatlısu Istakozlarının Pontastacus leptodactylus Eschscholtz 1823 Biyometrik ve Biyokimyasal Özellikleri, 2020 - 2023
- ACARLI S., GÜLTEPE N., VURAL ERTUĞRUL P., BERBER S., KIZILKAYA B., TAN E., Project Supported by Higher Education Institutions, Atıkhisar barajından toplanan kerevitin Pontastacus leptodactylus Eschscholtz 1823 Crustacea Decapoda Astacidae radikalik antioksidan kapasitesi ve toplam karotenoid miktarlarının belirlenmesi, 2021 - 2022
- Bulut M., Kızilkaya B., Berber S., Acarlı D., Kale S., Tan E., Project Supported by Higher Education Institutions, Çanakkale Boğazından Yakalanan Barbunya (Mullus barbatus barbatus Linnaeus, 1758) ve Tekir (Mullus surmuletus Linnaeus, 1758) Balıklarının Ağır Metal Yük Yoğunluklarının Belirlenmesi, 2021 - 2022
- BERBER S., KIZILKAYA B., TAN E., ACARLI S., Project Supported by Higher Education Institutions, Atıkhisar Baraj Gölü Çanakkale Tatlısu Istakozlarının Pontastacus leptodactylus Eschscholtz 1823 Gastrolit Katmanlarının Gelişimi ve Amorf Kalsiyum Karbonat Kararlılığının İncelenmesi, 2020 - 2022
- ACARLI S., KIZILKAYA B., BERBER S., VURAL P., KALE S., ÇELİK P., Project Supported by Higher Education Institutions, At Midyesi'nin (Modiolus barbatus) Üreme Döngüsü ve Yağ Asidi İçeriğinin Belirlenmesi, 2020 - 2022
- ERKEN O., KIZILKAYA B., AYYILDIZ H., ALTIN A., Project Supported by Higher Education Institutions, BAZI TİCARİ KURU MEYVELERİN BESİNSEL İÇERİKLERİNİN ARAŞTIRILMASI, 2018 - 2020
- ÇELİK P., ACARLI S., KIZILKAYA B., VURAL P., Project Supported by Higher Education Institutions, Melek Balığı Pterophyllum scalare Larvalarının Canlı Yemden Mikropartikül Yeme Geçiş Döneminin Belirlenmesi, 2018 - 2019
- ACARLI S., ÇELİK P., KIZILKAYA B., VURAL P., Project Supported by Higher Education Institutions, Sülunesin, Ensis marginatus (Pennant, 1777), radikalik antioksidan kapasitesi ve toplam karotenoid miktarlarının belirlenmesi, 2018 - 2019
- ÇELİK P., VURAL P., KIZILKAYA B., ACARLI S., Project Supported by Higher Education Institutions, Farklı ortam şartlarının Tubifex tubifex mineral kompozisyonu üzerine etkisi, 2018 - 2019
- AYYILDIZ H., YALÇIN ÖZDİLEK Ş., KIZILKAYA B., ALTIN A., Gebeşoğlu A., Maden M., Onur M. C., Project Supported by Higher Education Institutions, Gökçeada Çevresinde Bulunan Fangri Mercan Pagrus pagrus (Linnaeus, 1758) ve Kıрма Mercan Pagellus erythrinus (Linnaeus, 1758) Türlerinin Otolit Kimyalarının Belirlenmesi, 2018 - 2019
- ORMANCI H. B., ÇOLAKOĞLU F., KIZILKAYA B., ALTIN A., ÇARDAK M., KÜNİLİ İ. E., Project Supported by Higher Education Institutions, Bazı tatlı su balıklarının İskandinav usulü balık tuzlama tekniği (Gravad) ile değerlendirilmesi ve kalite özelliklerinin araştırılması, 2015 - 2019
- KAYA S., ERKEN O., KIZILKAYA B., Project Supported by Higher Education Institutions, Bazı yerel sofralık domates gen kaynaklarının organik asit miktarlarının belirlenmesi, 2016 - 2017
- YİĞİN C. Ç., ÖZTEKİN A., ÖZÜDOĞRU Y., ORMANCI H. B., KIZILKAYA B., CABBAR K., Project Supported by Higher Education Institutions, EKONOMİK ÖNEME SAHİP KIKIRDAKLI BALIKLARIN KARACİĞERİNDEKİ YAĞ ASİDİ KOMPOZİSYONU, 2015 - 2017
- TÜRKÖN H., ŞEHİTOĞLU H., GÖKMEN F., KIZILKAYA B., ÜLKER ÇAKIR D., Project Supported by Higher Education Institutions, ANKİLOZAN SPONDİLİTLİ HASTALARDA İSKEMİ MODİFİYE ALBUMİN VE OKSİDATİF STRES BELİRTEÇLERİNİN KARŞILAŞTIRILMASI, 2014 - 2016
- KIZILKAYA B., ÜÇYOL N., Project Supported by Higher Education Institutions, Gökkuşluğu Alabalığı (Oncorhynchus

mykiss), Çipura (*Sparus aurata*) ve Levrek (*Dicentrarchus labrax*) Balıklarının Atıklarından Jelatin Elde Edilebilme Kapasitelerinin Araştırılması, 2014 - 2016

ŞEHİTOĞLU H., YARALI F., ÖZTOPUZ R. Ö., KIZILKAYA B., Project Supported by Higher Education Institutions, Tunceli Sarımsağı (*Allium Tuncelianum* L.) ve Kültür Sarımsağı (*Allium Sativum* L.) liyofilize su ekstraktlarının fonksiyonel özelliklerinin belirlenmesi, in vitro antioksidan kapasitelerinin karşılaştırılması, 2014 - 2016

ÖZTEKİN A., YİĞİT M., BULUT M., KIZILKAYA B., HİSAR O., ORMANCI H. B., AYAZ A., Project Supported by Higher Education Institutions, Doğal Ortamdan Avlanan ve Kafeste Yetiştiriciliği Yapılan Yabani Mercan (*Pagellus acarne* R., 1827)'nın Et Verimleri ve Besin İçeriklerinin (AA, YA, Besin Kompozisyonu) Karşılaştırılması, 2014 - 2015

ÖZTEKİN A., BİLİCİ A., ORMANCI H. B., KIZILKAYA B., TUBITAK Project, Yüzey Polimerizasyon Ve Kimyasal Modifikasyonlar İle Atık Balık Kemiklerinin Nitelikli Malzemelere Dönüştürülmesi Ve Uygulamaları, 2014 - 2015

UYSAL H., AKGÜL C., KIZILKAYA B., TUBITAK Project, Kuantum Noktalarla Modifiye Edilmiş Elektrotlar Kullanarak Akışa Enjeksiyon Analiz Sisteminde Fotoelektrokimyasal Sensör Tasarımı, 2012 - 2015

YİĞİT M., ERGÜN S., BULUT M., KIZILKAYA B., YILMAZ S., Project Supported by Higher Education Institutions, Deniz Bilimleri ve Teknolojisi Fakültesi Yetiştiricilik Bölümü Alt Yapı Geliştirme Proje Başvurusu, 2014 - 2014

Yiğit M., İrkin L. C., Büyükteş Y., Özalp H. B., Kızılkaya B., Yılmaz S., Other International Funding Programs, Evaluation of Metal Contents in Various Tissues of Sea Bream Cultured to Market Size in Offshore Cage Systems with Copper Alloy Netting in the Northern Aegean Sea, 2011 - 2012

TÜRKER G., DOĞAN F., KIZILKAYA B., Project Supported by Higher Education Institutions, Çapraz Bağlı Polimerik Malzemelerinin Hazırlanması ve Karakterizasyonu, 2010 - 2012

TÜRKER G., DOĞAN F., KIZILKAYA B., AKGÜL R., Project Supported by Higher Education Institutions, Ölü *Neochloris pseudoalveolaris* Mikroalg Türü Kullanılarak Ağır Metal Giderimi, Kinetik ve Termodinamik Hesaplamaları, 2010 - 2012

DİLGİN Y., KIZILKAYA B., BAYRAK B., ERTEK B., Project Supported by Higher Education Institutions, Modifiye Elektrotlarla NADH nin Elektrokatalitik ve Fotoelektrokatalitik Yükseltgenmesi, 2009 - 2011

TÜRKER G., AKGÜL R., KIZILKAYA B., Project Supported by Higher Education Institutions, *Chlorella vulgaris* (Beijerinck) *Scenedesmus quadricauda* (Chodat), *Oocystis solitaria* (Wittrock) Mikroalgleri Kullanılarak Sularda Ağır Metallerin Uzaklaştırılması Besin ve Antioksidan Değerlerin Belirlenmesi, 2008 - 2009

Activities in Scientific Journals

Modern Applied Science, Evaluation Committee Member, 2012 - Continues

Scientific Refereeing

Bioresource Technology, SCI Journal, October 2012

Modern Applied Science, Other Indexed Journal, October 2012

Bioresource Technology, SCI Journal, September 2012

Modern Applied Science, Other Indexed Journal, September 2012

Industrial & Engineering Chemistry Research, SCI Journal, August 2012

Journal of Industrial and Engineering Chemistry, SCI Journal, August 2012

Biological Trace Element Research, SCI Journal, February 2012

Biological Trace Element Research, SCI Journal, January 2012

International Journal of Food Sciences and Nutrition, SCI Journal, November 2011

Biological Trace Element Research, SCI Journal, October 2011

Journal of Chemical Engineering and Materials Science, Other Indexed Journal, October 2011

Desalination, SCI Journal, September 2011

CLEAN - Soil, Air, Water, SCI Journal, February 2011

CLEAN - Soil, Air, Water, SCI Journal, February 2011

CLEAN - Soil, Air, Water, SCI Journal, January 2011

International Journal of Food Sciences and Nutrition, SCI Journal, November 2010

CLEAN - Soil, Air, Water, SCI Journal, November 2010

Metrics

Publication: 160

Citation (WoS): 400

Citation (Scopus): 430

H-Index (WoS): 10

H-Index (Scopus): 11

Non Academic Experience

Plastisan Plastik San. Tic. A.Ş.