

## Prof. FATİH DUMAN

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### Education Information

Post Doctorate, University of Central Lancashire, Biomedical Science, Biosciences, United Kingdom 2019 - 2020

Doctorate, Ankara University, Institute Of Science, Turkey 2001 - 2005

Post Graduate, Erciyes Üniversitesi, Fen Bil. Enst., Biyoloji, Turkey 1998 - 2001

Under Graduate, Erciyes Üniversitesi, Fen Edebiyat Fakültesi, Biyoloji, Turkey 1994 - 1998

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Principles and application of isotopic methodology and metrology, TÜBİTAK, UME, 2012

Education Management and Planning, Quantitative Methods for Environmental Data Analysis with Statistical Package R", C.R. Rao Advanced Institute of Mathematics and Computer Science, 2012

Education Management and Planning, Temel Hücre Kültürü Kursu, ERÜ, ERBİYOTEK, 2011

### Dissertations

Doctorate, Sapanca ve Abant Gölü Su, Sediment ve Sucul Bitki Örneklerinde Ağır Metal Konsantrasyonlarının Karşılaştırmalı Olarak İncelenmesi, Ankara Üniversitesi, Fen Bil. Enst., Biyoloji, 2005

Post Graduate, Sarımsaklı-Karasu'da Yetişen Phragmites australis ve Thypha angustifolia Bitkilerinde ve Bunları Çevreleyen Sedimentlerde Ağır Metal Tayini, Erciyes Üniversitesi, Fen Bil. Enst., Biyoloji, 2001

### Research Areas

Metabolic Engineering, Life Sciences, Biotechnology, Biomaterial, Environmental Biotechnology, Hydrobiology, Natural Sciences

### Academic Titles / Tasks

Professor, Erciyes University, Biyoloji, 2017 - Continues  
Associate Professor, Erciyes Üniversitesi, Fen Fak., Biyoloji, 2011 - 2017  
Assistant Professor, Erciyes Üniversitesi, Fen Edeb. Fak., Biyoloji, 2006 - 2011  
Research Assistant, Erciyes Üniversitesi, Fen Edeb. Fak., Biyoloji, 2005 - 2006  
Research Assistant, Ankara University, Biyoloji, 2001 - 2005  
Research Assistant, Erciyes Üniversitesi, Fen Edeb. Fak., Biyoloji, 2000 - 2001

## Academic and Administrative Experience

Erciyes Üniversitesi, Fen Fak., Biyoloji, 2011 - Continues  
Erciyes Üniversitesi, Fen Fak., Biyoloji, 2007 - 2011  
Erciyes Üniversitesi, Fen Fak., Biyoloji, 2007 - 2010

## Advising Theses

Duman F., KİTOSAN TABANLI SÜPERHİDROFOBİK FİLM ELDESİ, KARAKTERİZASYONU VE ANTİFUNGAL AKTİVİTESİ, Post Graduate, M.Bedir(Student), 2019  
Duman F., ZnS, CdS ve PbS kuantum noktaların biyosentezi, karakterizasyonu ve genotoksik özelliklerinin incelenmesi, Doctorate, N.ÖCAL(Student), 2019  
DUMAN F., Biosynthesis , Characterization and Removal Efficiency for Petroleum Leakage of the Cofe2o4 Nanoparticles, Post Graduate, H.M.(Student), 2017  
DUMAN F., CuO, ZnO ve TiO2 Nanopartiküllerinin Mentha aquatica L. Bitkisinin Yaprak Ekstraktı Kullanılarak Biyosentezi, Karakterizasyonu ve Genotoksik Etkileri, Doctorate, F.Doğan(Student), 2017  
DUMAN F., Nevşehir İlinin Rotifer Faunası ve Mevsimsel Değişimi, Doctorate, M.Kar(Student), 2016  
DUMAN F., Kılıçözü deresi (Kırşehir) su, sediment ve Typha angustifolia örneklerinde ağır metal konsantrasyonlarının mevsimsel olarak incelenmesi, Post Graduate, E.Ürey(Student), 2014  
DUMAN F., Cr(III) ve Cr(VI) maruziyetinde Ceratophyllum demersum L.'nin biyolojik cevabı: Konsantrasyon ve uygulama periyodunun etkisi, Post Graduate, F.Doğan(Student), 2012  
DUMAN F., Yamula Barajı Su Sediment ve Squalius cephalus (Tatlı Su Kefali) Örneklerinde Ağır Metal Düzeylerin Mevsimsel Değişiminin İncelenmesi, Post Graduate, M.Kar(Student), 2011

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

- I. **Lake sediment based catalyst for hydrogen generation via methanolysis of sodium borohydride: an optimization study with artificial neural network modelling**  
Bekiroğulları M., Abut S., Duman F., Avcı Hansu T.  
Reaction Kinetics Mechanisms And Catalysis, vol.1, no.1, pp.1-10, 2021 (Journal Indexed in SCI Expanded)
- II. **Eco-friendly intracellular biosynthesis of CdS quantum dots using Pseudomonas aeruginosa: Evaluation of antimicrobial effects and DNA cleavage activities**  
Ocal N., Ceylan A., Duman F.  
Recent Patents On Nanotechnology, vol.1, no.1, pp.1, 2021 (Journal Indexed in SCI Expanded)
- III. **Anaerobic co-digestion of oil-extracted spent coffee grounds with various wastes: Experimental and kinetic modeling studies**  
Atelge M. R. , Mohamed Atabani A., Abut S., Kaya M., Eskicioglu C., Semaan G., Lee C., Yildiz Y. Ş. , Ünalın S., Mohanasundaram R., et al.  
BIORESOURCE TECHNOLOGY, vol.322, 2021 (Journal Indexed in SCI)
- IV. **Intracellular biosynthesis of PbS quantum dots using Pseudomonas aeruginosa ATCC 27853: evaluation of antibacterial effects and DNA cleavage activities**

Ocal N., CEYLAN A., DUMAN F.

WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, vol.36, no.10, 2020 (Journal Indexed in SCI)

- V. **A critical review of pretreatment technologies to enhance anaerobic digestion and energy recovery**  
Atelge M., Atabani A., Banu J. R. , Krisa D., Kaya M., Eskicioglu C., Kumar G., Lee C., Yildiz Y. Ş. , Unalan S., et al.  
FUEL, vol.270, 2020 (Journal Indexed in SCI)
- VI. **A novel *Microcystis aeruginosa* supported manganese catalyst for hydrogen generation through methanolysis of sodium borohydride**  
DUMAN F., Atelge M., Kaya M., Atabani A., Kumar G., ŞAHİN U., ÜNALAN S.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.45, no.23, pp.12755-12765, 2020 (Journal Indexed in SCI)
- VII. **Biosynthesis of silver nanoparticles using leaf extract of *Aesculus hippocastanum* (horse chestnut): Evaluation of their antibacterial, antioxidant and drug release system activities**  
Öztürk Küp F., Coskuncay S., Duman F.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.107, 2020 (Journal Indexed in SCI)
- VIII. **Harvesting of blooming microalgae using green synthesized magnetic maghemite ( $\gamma$ -Fe<sub>2</sub>O<sub>3</sub>) nanoparticles for biofuel production**  
Duman F., Şahin U., Atabani A.  
Fuel, vol.256, 2019 (Journal Indexed in SCI Expanded)
- IX. **Genotoxic and cytotoxic activity of green synthesized TiO<sub>2</sub> nanoparticles**  
Koca F. D. , Duman F.  
APPLIED NANOSCIENCE, vol.9, no.5, pp.815-823, 2019 (Journal Indexed in SCI)
- X. **Eco-Friendly Fabrication of Plasmonically Active Substrates Based on End-Grafted Poly(ethylene glycol) Layers**  
Ocal S. K. , Pekdemir S., Serhatlioglu M., Ipekci H. H. , Şahmetlioğlu E., Narin I., Duman F., Elbuken C., Demirel G., Önses M. S.  
ACS SUSTAINABLE CHEMISTRY & ENGINEERING, vol.7, pp.4315-4324, 2019 (Journal Indexed in SCI)
- XI. **DNA Cleavage Properties, Antimicrobial and Cytotoxic Activity and 4D-QSAR Analysis of Some Pyrazole Derivatives**  
Köprü S., Kup F. O. , Sabancı N., Çadır M., Bulut D. C. , Duman F., İlhan İ. Ö. , Sarıpınar E.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.16, pp.904-918, 2019 (Journal Indexed in SCI)
- XII. **A rapid synthesis of 2-((2-amino-4,6-dimethylpyrimidine-5yl)diazenyl)benzoic acid: Experimental, DFT study and DNA cleavage activity**  
Karabacak Atay Ç., DUMAN F., Gökalp M., TİLKİ T., Ozdemir Kart S.  
Journal of Molecular Structure, vol.1171, pp.906-914, 2018 (Journal Indexed in SCI)
- XIII. **Antimicrobial, Antioxidant, Cytotoxic and Wound Healing Effects of *Thymra sintenisii* Extract**  
Tutar U., Hepokur C., Mısır S., Hepokur A., DUMAN F.  
INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.80, no.5, pp.868-874, 2018 (Journal Indexed in SCI)
- XIV. **Comparison of phytotoxic effects of bio-synthesised copper oxide nanoparticle and ionic copper on *Elodea canadensis***  
KOCA F. D. , Yılmaz D., DUMAN F., ÖÇSOY I.  
CHEMISTRY AND ECOLOGY, vol.34, no.9, pp.839-853, 2018 (Journal Indexed in SCI)
- XV. **An inclusive physicochemical comparison of natural and synthetic chitin films**  
Kaya M., Salaberria A. M. , Muftaba M., Labidi J., Baran T., Mulercikas P., DUMAN F.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.106, pp.1062-1070, 2018 (Journal Indexed in SCI)
- XVI. **Formation of *Matricaria chamomilla* extract-incorporated Ag nanoparticles and size-dependent enhanced antimicrobial property**  
Doğru E., Demirbaş A., ALTINSOY B., DUMAN F., ÖÇSOY I.  
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.174, pp.78-83, 2017 (Journal Indexed in SCI)
- XVII. **High optoelectronic and antimicrobial performances of green synthesized ZnO nanoparticles using**

**Aesculus hippocastanum**

Colak H., Karakose E., DUMAN F.

ENVIRONMENTAL CHEMISTRY LETTERS, vol.15, no.3, pp.547-552, 2017 (Journal Indexed in SCI)

- XVIII. **Green synthesis and antimicrobial activity of ZnO nanostructures Punica granatum shell extract**  
Karakose E., Colak H., DUMAN F.  
GREEN PROCESSING AND SYNTHESIS, vol.6, no.3, pp.317-323, 2017 (Journal Indexed in SCI)
- XIX. **A green approach for formation of silver nanoparticles on magnetic graphene oxide and highly effective antimicrobial activity and reusability**  
ÖÇSOY I., TEMİZ M., CELİK C., Altınsoy B., YILMAZ V., DUMAN F.  
JOURNAL OF MOLECULAR LIQUIDS, vol.227, pp.147-152, 2017 (Journal Indexed in SCI)
- XX. **Crayfish chitosan for microencapsulation of coriander (*Coriandrum sativum* L.) essential oil**  
DUMAN F., Kaya M.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.92, pp.125-133, 2016 (Journal Indexed in SCI)
- XXI. **Chamomile flower extract-directed CuO nanoparticle formation for its antioxidant and DNA cleavage properties**  
DUMAN F., ÖÇSOY I., Kup F.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.60, pp.333-338, 2016 (Journal Indexed in SCI)
- XXII. **A TAXONOMICAL STUDY ON THE ROTIFER FAUNA OF CAPPADOCIA REGION (CENTRAL ANATOLIA, TURKEY)**  
KAR M., DUMAN F.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.8, pp.2718-2724, 2016 (Journal Indexed in SCI)
- XXIII. **Comparison of some blood parameters of Rainbow Trout (*Oncorhynchus mykiss*) living in running and still water**  
AYDIN D., Kaya Ö. F., DUMAN F.  
IRANIAN JOURNAL OF FISHERIES SCIENCES, vol.15, no.1, pp.497-507, 2016 (Journal Indexed in SCI Expanded)
- XXIV. **DETERMINATION OF HEAVY METAL ACCUMULATION IN WATER, SEDIMENT AND SMARTWEED (*POLYGONUM AMPHIBIUM*) FROM SARIMSAKLI DAM LAKE (KAYSERI-TURKEY)**  
KOCA F. D., KIZILDAĞ N., DARICI C., DUMAN F.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.5, pp.1373-1382, 2016 (Journal Indexed in SCI)
- XXV. **Temporal variation of heavy metal accumulation and translocation characteristics of narrow-leaved cattail (*Typha angustifolia* L.)**  
DUMAN F., UREY E., KOCA F. D.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.22, no.22, pp.17886-17896, 2015 (Journal Indexed in SCI)
- XXVI. **Characterisation of alpha-chitin extracted from a lichenised fungus species *Xanthoria parietina***  
Kaya M., HALICI M. G., DUMAN F., Erdogan S., Baran T.  
NATURAL PRODUCT RESEARCH, vol.29, no.13, pp.1280-1284, 2015 (Journal Indexed in SCI)
- XXVII. **Evaluation of effects of exposure conditions on the biological responses of *Gammarus pulex* exposed to cadmium**  
DUMAN F., Kar M.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.12, no.2, pp.437-444, 2015 (Journal Indexed in SCI)
- XXVIII. **SINGLE AND COMBINED EFFECTS OF EXPOSURE CONCENTRATION AND DURATION ON BIOLOGICAL RESPONSES OF *CERATOPHYLLUM DEMERSUM* L. EXPOSED TO Cr SPECIES**  
DUMAN F., KOCA F. D.  
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.16, no.12, pp.1192-1208, 2014 (Journal Indexed in SCI)
- XXIX. **Resting Eggs as New Biosorbent for Preconcentration of Trace Elements in Various Samples Prior to Their Determination by FAAS**  
SAÇMACI Ş., Yılmaz Y., KARTAL Ş., Kaya M., DUMAN F.

- BIOLOGICAL TRACE ELEMENT RESEARCH, vol.159, pp.254-262, 2014 (Journal Indexed in SCI)
- XXX. **Antagonist Effects of Sodium Chloride on the Biological Responses of an Aquatic Plant (*Ceratophyllum demersum* L.) Exposed to Hexavalent Chromium**  
DUMAN F., KOCA F. D. , ŞAHAN S.  
WATER AIR AND SOIL POLLUTION, vol.225, no.2, 2014 (Journal Indexed in SCI)
- XXXI. **The quick extraction of chitin from an epizoic crustacean species (*Chelonibia patula*)**  
Kaya M., Karaarslan M., Baran T., Can E., Ekemen G., Bitim B., DUMAN F.  
NATURAL PRODUCT RESEARCH, vol.28, no.23, pp.2186-2190, 2014 (Journal Indexed in SCI)
- XXXII. **Temporal Variation of Metal Concentrations of Creek Sediment Samples**  
DUMAN F., UREY E., Kar M.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.22, no.5, pp.1335-1339, 2013 (Journal Indexed in SCI)
- XXXIII. **Temporal Variation of Metals in Water, Sediment and Tissues of the European Chup (*Squalius cephalus* L.)**  
DUMAN F., Kar M.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.89, no.2, pp.428-433, 2012 (Journal Indexed in SCI)
- XXXIV. **Single and combined effects of exposure concentration and duration on chromium phytoaccumulation.**  
duman f., KOCA F. D. , AKSOY A.  
CURRENT OPINION IN BIOTECHNOLOGY, 2011 (Journal Indexed in SCI)
- XXXV. **Effects of Exogenous Glycinebetaine and Trehalose on Cadmium Accumulation and Biological Responses of an Aquatic Plant (*Lemna gibba* L.)**  
DUMAN F., Aksoy A., Aydin Z., TEMİZGÜL R.  
WATER AIR AND SOIL POLLUTION, vol.217, pp.545-556, 2011 (Journal Indexed in SCI)
- XXXVI. **Effects of Exogenous Glycinebetaine and Trehalose on Lead Accumulation in an Aquatic Plant (*Lemna gibba* L.)**  
Duman F.  
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.13, no.5, pp.492-497, 2011 (Journal Indexed in SCI)
- XXXVII. **Influence of salinity on the growth and heavy metal accumulation capacity of *Spirodela polyrrhiza* (Lemnaceae)**  
Leblebici Z., Aksoy A., DUMAN F.  
TURKISH JOURNAL OF BIOLOGY, vol.35, no.2, pp.215-220, 2011 (Journal Indexed in SCI)
- XXXVIII. **Correlation Between Chlorophyll Degradation and the Amount of Heavy Metals Found in *Pseudevernia furfuracea* in Kayseri (Turkey)**  
Yildiz A., Aksoy A., Akbulut G., Demirezen D., Islek C., Altuner E. M. , DUMAN F.  
EKOLOJI, vol.20, no.78, pp.82-88, 2011 (Journal Indexed in SCI)
- XXXIX. **Exogenous Salicylate Application Affects the Lead and Copper Accumulation Characteristics of *Lemna gibba* L.**  
DUMAN F., Aksoy A., Ozturk F., CEYLAN A.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.65, pp.675-680, 2010 (Journal Indexed in SCI)
- XL. **Arsenic accumulation and biological responses of watercress (*Nasturtium officinale* R. Br.) exposed to arsenite**  
Ozturk F., DUMAN F., LEBLEBİCİ Z., TEMİZGÜL R.  
ENVIRONMENTAL AND EXPERIMENTAL BOTANY, vol.69, no.2, pp.167-174, 2010 (Journal Indexed in SCI)
- XLI. **Influence of nutrient addition on growth and accumulation of cadmium and copper in *Lemna gibba***  
LEBLEBİCİ Z., Aksoy A., DUMAN F.  
CHEMICAL SPECIATION AND BIOAVAILABILITY, vol.22, no.3, pp.157-164, 2010 (Journal Indexed in SCI)
- XLII. **HEAVY METAL ACCUMULATION IN SOILS AROUND A SALT LAKE IN TURKEY**  
Tug G. N. , DUMAN F.  
PAKISTAN JOURNAL OF BOTANY, vol.42, no.4, pp.2327-2333, 2010 (Journal Indexed in SCI)

- XLIII. **Biological responses of duckweed (*Lemna minor* L.) exposed to the inorganic arsenic species As(III) and As(V): effects of concentration and duration of exposure**  
DUMAN F., Ozturk F., AYDIN Z.  
ECOTOXICOLOGY, vol.19, no.5, pp.983-993, 2010 (Journal Indexed in SCI)
- XLIV. **Biological responses of a non-target aquatic plant (*Nasturtium officinale*) to the herbicide, tribenuron-methyl**  
DUMAN F., UREY E., TEMİZGÜL R., BOZOK F.  
WEED BIOLOGY AND MANAGEMENT, vol.10, no.2, pp.81-90, 2010 (Journal Indexed in SCI)
- XLV. ***Argyroneta aquatica* (CLERCK, 1757) (Araneae: Cybaeidae) as a Biological Indicator for Environmental Pollution of Sultan Marsh National Park, Turkey**  
SEYYAR O., Demir H., Kar M., DUMAN F.  
ACTA ZOOLOGICA BULGARICA, vol.62, no.1, pp.107-112, 2010 (Journal Indexed in SCI)
- XLVI. **Habitat Selection, Diversity and Estimating the Species Richness of Rotifers in Two Ponds Located in Central Anatolia**  
Kaya M., DUMAN F., Altindag A.  
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.9, no.19, pp.2437-2444, 2010 (Journal Indexed in SCI)
- XLVII. **Nickel accumulation and its effect on biomass, protein content and antioxidative enzymes in roots and leaves of watercress (*Nasturtium officinale* R. Br.)**  
DUMAN F., Ozturk F.  
JOURNAL OF ENVIRONMENTAL SCIENCES, vol.22, no.4, pp.526-532, 2010 (Journal Indexed in SCI)
- XLVIII. **ACUTE TOXICITY OF SOME INSECTICIDES ON *Artemia* saline and *Daphnia magna***  
Onbasili D., DUMAN F.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, no.11, pp.2608-2610, 2010 (Journal Indexed in SCI)
- XLIX. **Growth and bioaccumulation characteristics of watercress (*Nasturtium officinale* R. BR.) exposed to cadmium, cobalt and chromium**  
DUMAN F., LEBLEBİCİ Z., Aksoy A.  
CHEMICAL SPECIATION AND BIOAVAILABILITY, vol.21, no.4, pp.257-265, 2009 (Journal Indexed in SCI)
- L. **Bioaccumulation of Nickel, Copper and Cadmium by *Spirodela polyrhiza* and *Lemna gibba*.**  
duman f., LEBLEBİCİ Z., AKSOY A.  
JOURNAL OF FRESHWATER ECOLOGY, no.24, pp.177-0, 2009 (Journal Indexed in SCI)
- LI. **Bioaccumulation of Nickel, Copper, and Cadmium by *Spirodela polyrhiza* and *Lemna gibba***  
DUMAN F., LEBLEBİCİ Z., Aksoy A.  
JOURNAL OF FRESHWATER ECOLOGY, vol.24, no.1, pp.177-179, 2009 (Journal Indexed in SCI)
- LII. **Seasonal variation of metal accumulation and translocation in yellow pond-lily (*Nuphar lutea*)**  
DUMAN F., Obali O.  
CHEMICAL SPECIATION AND BIOAVAILABILITY, vol.20, no.3, pp.181-190, 2008 (Journal Indexed in SCI)
- LIII. **Seasonal variability of heavy metals in surface sediment of lake sapanca, turkey**  
Duman F., Aksoy A., Demirezen D.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.133, pp.277-283, 2007 (Journal Indexed in SCI)
- LIV. **Seasonal changes of metal accumulation and distribution in common club rush (*Schoenoplectus lacustris*) and common reed (*Phragmites australis*)**  
Duman F., ÇİÇEK M., SEZEN G.  
ECOTOXICOLOGY, vol.16, no.6, pp.457-463, 2007 (Journal Indexed in SCI)
- LV. **Seasonal Variability of Heavy Metals in Surface Sediment of Sapanca Lake**  
DUMAN F., AKSOY A., DEMİREZEN YILMAZ D.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.133, pp.277-283, 2007 (Journal Indexed in SCI Expanded)
- LVI. **Seasonal changes of metal accumulation and distribution in shining pondweed (*Potamogeton lucens*)**  
Duman F., Obali O., Demirezen D.  
CHEMOSPHERE, vol.65, no.11, pp.2145-2151, 2006 (Journal Indexed in SCI)
- LVII. **Heavy metal accumulation and distribution in narrow-leaved cattail (*Typha angustifolia*) and common reed (*Phragmites australis*)**

Aksoy A., Duman F., SEZEN G.

JOURNAL OF FRESHWATER ECOLOGY, vol.20, no.4, pp.783-785, 2005 (Journal Indexed in SCI)

**LVIII. Bioaccumulation, detection and analyses of heavy metal pollution in Sultan Marsh and its environment**

Aksoy A., Demirezen D., Duman F.

WATER AIR AND SOIL POLLUTION, vol.164, pp.241-255, 2005 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Encapsulation of Flurbiprofen by Chitosan Using a Spray-Drying Method with In Vitro Drug Releasing and Molecular Docking**  
Akyuz L., DUMAN F., Kaya M.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.14, no.1, pp.34-39, 2017 (Journal Indexed in ESCI)
- II. **Kayseri İli, Pınarbaşı İlçesinde Doğal Olarak Yakalanan ve Yetiştiriciliği Yapılan Gökkuşacağı Alabalıklarının (Oncorhynchus mykiss) Genotoksisite Yönünden İncelenmesi**  
ARSLAN K., DUMAN F., KANBUR M., AKYÜZ B.  
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, no.13, pp.131-138, 2016 (National Refereed University Journal)
- III. **Kayseri ili Pınarbaşı ilçesinde doğal olarak yakalanan ve yetiştiriciliği yapılan gökkuşacağı alabalıklarının Oncorhynchus mykiss genotoksisite yönünden incelenmesi**  
ARSLAN K., DUMAN F., KANBUR M., AKYÜZ B.  
Erciyes Üniv. Vet. Fak. Derg., vol.13, no.2, pp.131-138, 2016 (Other Refereed National Journals)
- IV. **Krom (Cr+6)'A Maruz Bırakılmış Ceratophyllum demersum L.'Un Biyolojik Cevabı**  
DUMAN F., ŞAHAN S., CEYLAN A., KOCA F. D.  
SDU Journal of Science, vol.5, pp.163-171, 2010 (National Refereed University Journal)
- V. **Biological Responses of Ceratophyllum demersum L. Exposed to Chromium (Cr6)**  
DUMAN F., ŞAHAN S., CEYLAN A., KOCA F. D.  
SDU Journal of Science, vol.5, no.2, pp.163-171, 2010 (Refereed Journals of Other Institutions)
- VI. **Krom ( Cr +6 ) 'a Maruz Bırakılmış Ceratophyllum demersum L.' un Biyolojik Cevabı**  
DUMAN F., ŞAHAN S., CEYLAN A., KOCA F. D.  
SDU Journal of Science, vol.5, no.2, pp.163-171, 2010 (National Refereed University Journal)
- VII. **Seasonal Changes of Some Heavy Metal Concentrations in Sapanca Lake Water, Turkey**  
DUMAN F., SEZEN G., TUĞ G. N.  
International Journal of Natural and Engineering Sciences, vol.1, pp.25-28, 2007 (Refereed Journals of Other Institutions)
- VIII. **Abant Gölü Suyunda Bazı Ağır Metallerin Mevsimsel Konsantrasyon Değişiminin Karşılaştırmalı Analizi**  
DUMAN F., OBALI E. O., AKSOY A., SEZEN G.  
Anadolu University Journal of Science and Technology, vol.8, no.1, pp.131-138, 2007 (Other Refereed National Journals)
- IX. **Sarımsaklı Baraj Gölü'nün (Kayseri- Türkiye) Zooplankton Faunası ve Mevsimsel Değişimi**  
AYDIN D., DUMAN F., Altındağ A.  
Sakarya Üniversitesi Fen Edebiyat Dergisi, vol.8, no.2, pp.9-21, 2006 (National Refereed University Journal)
- X. **Abant Gölü Sedimentinde Bazı Ağır Metallerin Mevsimsel Konsantrasyon Değişiminin İncelenmesi**  
DUMAN F., AYDIN D., Obalı O.  
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## Mobility Activity

- Erasmus Programme, Staff Mobility, Poznan Ziraat Tarım Akademisi, Poland, 2019 - 2019

## **Edit Congress and Symposium Activities**

3rd International Conference SmartBio, Working Group, Kaunas, Lithuania, 2019

Uluslararası 2018 Ekoloji Sempozyumu, Attendee, Kastamonu, Turkey, 2018

2018 2nd International Conference on Energy and Environmental Science (ICEES 2018), Attendee, Kuala-Lumpur, Malaysia, 2018

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