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### Education Information

Doctorate, Istanbul University, Deniz Bilimleri ve İşletmeciliđi Enstitüsü, Deniz Fiziđi Ve Kimyası, Turkey 1993 - 1997

Postgraduate, Istanbul University, Deniz Bilimleri Ve Cođrafya Enstitüsü, Deniz Fiziđi Ve Kimyası, Turkey 1986 - 1988

Undergraduate, Istanbul University, Mühendislik Fakültesi , Kimya Mühendisliđi, Turkey 1981 - 1985

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Erdek Körfezi Yüzey Sedimentlerinin Jeokimyası, Istanbul University, Deniz Bilimleri ve İşletmeciliđi Enstitüsü, Kimyasal Oşinografi, 1997

Postgraduate, Yeşilköy-Avcılar Sahil Kesiminde Besin Elementlerinin Etüdü, Istanbul University, Deniz Bilimleri ve İşletmeciliđi Enstitüsü, Kimyasal Oşinografi , 1988

### Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Chemistry, Analytical Chemistry, Chromatographic Analysis, Spectroscopical Methods, Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Professor, Istanbul University, Deniz Bilimleri ve İşletmeciliđi Enstitüsü, Deniz Bilimleri Ve İşletmeciliđi Enstitüsü, 2014 - Continues

### Academic and Administrative Experience

Assistant Director of the Institute, Istanbul University, 2021 - Continues  
University Executive Board Member, Istanbul University, 2018 - Continues  
İstanbul Üniversitesi, Deniz Bilimleri ve İşletmeciliği Enstitüsü, 2010 - Continues

## Courses

Çevre Kirliliği Açısından Ötrifikasyon ve Arıtma Sistemleri, Postgraduate, 2015 - 2016  
Deniz Kirliliği 2, Postgraduate, 2015 - 2016  
Türkiye Denizleri'nin Kimyasal Oşinografisi, Doctorate, 2014 - 2015  
Deniz Kirliliği 1, Postgraduate, 2014 - 2015

## Advising Theses

Çağlar N., İstanbul ili atmosferinde partikül maddede inorganik kirleticilerin dağılımının ve kaynağının belirlenmesi, Postgraduate, C.ÇELEN(Student), 2021  
ÇAĞLAR N., İzmit Körfezi Besin Elementlerinin Zaman/Mekan Ölçeğindeki Değişimlerin İncelenmesi, Postgraduate, H.Atabay(Student), 2012  
ÇAĞLAR N., İstanbul Tuzla Bölgesi Atmosferi Alt Tabakasında Çok Halkalı Aromatik Hidrokarbonlar (PAH)'lar ve Metallerin İncelenmesi, Doctorate, G.Kural(Student), 2012  
ÇAĞLAR N., ERÇAĞ E., Çift tabakalı dinamik bir sistemde Arsenik, Selenyum ve Cıvanın biokimyasal döngüsü, Doctorate, A.Aksu(Student), 2011  
ÇAĞLAR N., ERÇAĞ E., Marmara Denizi İstanbul Kıyılarında PAH ve Organaklorlü Pestisitlerin HPLC ile Tayini ve Sediment Jeokimyası, Postgraduate, Ö.Suat(Student), 2010  
ÇAĞLAR N., Güney Karadeniz Şelfi'nde biotada ultra eser elementlerin dağılımı, Postgraduate, H.Hiçsönmez(Student), 2010  
ÇAĞLAR N., Marmara Denizi yüzey sedimentlerinde ekstrakte edilebilir hidrokarbonlar, Postgraduate, B.Işkın(Student), 2010  
ÇAĞLAR N., Haliç'te Metal Kirliliği, Postgraduate, M.Selim(Student), 2008  
ÇAĞLAR N., İstanbul Boğazı'nda Metal Kirliliği'nin Midyelerle Takibi, Postgraduate, A.Aksu(Student), 2005  
ÇAĞLAR N., Marmara Denizi'nin kuzeyinden elde edilen baskın karides türlerinde ve sediment örneklerinde ağır metal birikiminin belirlenmesi, Postgraduate, A.Mülayim(Student), 2004  
ÇAĞLAR N., İzmit Körfezi Yüzey Sedimentlerinin Jeokimyası, Postgraduate, E.Şenol(Student), 2002

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

- I. **Occurrence, bioconcentration, and human health risks of pharmaceuticals in biota in the Sea of Marmara, Türkiye**  
Korkmaz N., Çağlar N., Aksu A., Ünsal Özgüvenç T., Balcıoğlu E. B., Cavus Arslan H., Demirel N.  
CHEMOSPHERE, vol.325, 2023 (SCI-Expanded)
- II. **Presence and distribution of selected pharmaceutical compounds in water and surface sediment of the Golden Horn Estuary, Sea of Marmara, Turkey**  
E. Korkmaz N., Balkis Çağlar N., Aksu A.  
REGIONAL STUDIES IN MARINE SCIENCE, vol.51, pp.102221, 2022 (SCI-Expanded)
- III. **Mathematical modelling of oil spill weathering processes for contingency planning in İzmit Bay**  
Ülker D., Burak Z. S., Balas L., Çağlar N.  
REGIONAL STUDIES IN MARINE SCIENCE, vol.2022, pp.102155, 2022 (SCI-Expanded)
- IV. **Assessment of distribution of heavy metals and activity level of <sup>210</sup>Pb in biota from the northern coast of the Marmara Sea and Western Black Sea**

Karabayir E., TAŞKIN Ö. S., Simsek F. B., AKSU A., ÇAĞLAR N.

Marine Pollution Bulletin, vol.161, 2020 (SCI-Expanded)

- V. **Hydrophobic Pesticide Endosulfan (alpha plus beta) and Endrin Sorption on Different Types of Microplastics**  
YURTSEVER M., ÖZ N., Aksu A., Balkis N., Altug G., Taskin O. S.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.42, no.5, pp.789-797, 2020 (SCI-Expanded)
- VI. **Origin and Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in Mediterranean Mussels (Mytilus Galloprovincialis, Lamarck, 1819) of the Turkish Straits System**  
Balcioglu E. B., Aksu A., Balkis N., Ozturk B.  
POLYCYCLIC AROMATIC COMPOUNDS, vol.40, no.1, pp.50-60, 2020 (SCI-Expanded)
- VII. **Anti-oxidant effects of melatonin on energy balance and oxidative stress in sepsis-induced rats**  
Ozkok E., Ulucay A. G., Yorulmaz H., Aksu A., Balkis N., Tamer S.  
ACTA PHYSIOLOGICA, vol.227, pp.123, 2019 (SCI-Expanded)
- VIII. **Monitoring the antioxidant activities by extracting the polyphenolic contents of algae collected from the Bosphorus**  
Aslan E., Aksu A., Korkmaz N. E., Taskin O. S., Balkis Caglar N.  
MARINE POLLUTION BULLETIN, vol.141, pp.313-317, 2019 (SCI-Expanded)
- IX. **Ghrelin: Impact on Muscle Energy Metabolism in Sepsis**  
Yorulmaz H., Ozkok E., Ates G., Aksu A., Balkis N., Tamer S.  
INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS, vol.24, no.2, pp.259-264, 2018 (SCI-Expanded)
- X. **Preparation of analytical columns and HPLC silica-based C-18 packing material synthesis from non-toxic silica source**  
Taskin O. S., Aksu A., Cetintasoglu M. E., E. Korkmaz N., Torlak C., Balkis (Caglar) N.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.41, no.10, pp.583-587, 2018 (SCI-Expanded)
- XI. **Beneficial Effects of Melatonin on Energy Metabolism in Septic Lung Tissue**  
Ozkok E., Yorulmaz H., Ates G., Aksu A., Balkis N., Tamer S.  
ACTA PHYSIOLOGICA, vol.221, pp.115-116, 2017 (SCI-Expanded)
- XII. **A novel eco-friendly advanced enzymatic Fenton oxidation process for the treatment of ship wastewater**  
Ersoy Korkmaz N., Aksu A., Taskin O. S., Aslan E., Balkis N.  
DESALINATION AND WATER TREATMENT, vol.84, pp.160-168, 2017 (SCI-Expanded)
- XIII. **Role of simvastatin in endotoxemia-induced muscle injury**  
Yorulmaz H., Ozkok E., Ates G., Aksu A., Balkis N., Tamer S.  
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.10, no.4, pp.6883-6889, 2017 (SCI-Expanded)
- XIV. **Effects of melatonin on neuromuscular degeneration in early-phase sepsis**  
Yorulmaz H., Ozkok E., Ulucay G. A., Aksu A., Balkis N., Tamer S.  
ACTA PHYSIOLOGICA, vol.217, pp.41, 2016 (SCI-Expanded)
- XV. **Melamine-based microporous polymer for highly efficient removal of copper(II) from aqueous solution**  
Taskin O. S., Ersoy N., Aksu A., Kiskan B., Balkis N., Yağcı Y.  
Polymer International, vol.65, no.4, pp.439-445, 2016 (SCI-Expanded)
- XVI. **Cd and Pb Levels in the Soft Tissue of Black Mussel (Mytilus galloprovincialis) Collected from Marmara Sea, Pendik District Coastal Area, Istanbul, Turkey**  
GUNER Y., KAYHAN F. E., Balkis N., Aksu A., Kaymak G.  
PAKISTAN JOURNAL OF ZOOLOGY, vol.48, no.2, pp.605-607, 2016 (SCI-Expanded)
- XVII. **Trace Metal Concentration and Sea Water Quality of Tuzla Shipyard Area, Istanbul, Turkey Using Mediterranean Mussels (Mytilus galloprovincialis) for Monitoring Aquatic Pollution**  
KAYHAN F. E., Balkis N., Aksu A., Ertug N. D. Y., Sesal C.

- PAKISTAN JOURNAL OF ZOOLOGY, vol.48, no.2, pp.597-600, 2016 (SCI-Expanded)
- XVIII. **Copper(II) removal from the aqueous solution using microporous benzidine-based adsorbent material**  
Taskin O. S., Kışkan B., Aksu A., Balkis N., Yağcı Y.  
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.4, no.1, pp.899-907, 2016 (SCI-Expanded)
- XIX. **Presence of the diatom genus *Pseudo-nitzschia* and particulate domoic acid in the Golden Horn Estuary (Sea of Marmara, Turkey)**  
Tas S., Dursun F., Aksu A., Balkis N.  
DIATOM RESEARCH, vol.31, no.4, pp.339-349, 2016 (SCI-Expanded)
- XX. **Amelioration of Energy Metabolism by Melatonin in Skeletal Muscle of Rats With LPS Induced Endotoxemia**  
Ozkok E., Yorulmaz H., Ates G., Aksu A., Balkis N., Şahin O. A., Tamer S.  
PHYSIOLOGICAL RESEARCH, vol.65, no.5, pp.833-842, 2016 (SCI-Expanded)
- XXI. **Evaluation of the effects of simvastatin on energy metabolism in muscle tissue during early phase of sepsis**  
Ozkok E., Yorulmaz H., Ates G., Aksu A., Balkis N., Tamer S.  
ACTA PHYSIOLOGICA, vol.215, pp.78, 2015 (SCI-Expanded)
- XXII. **Preparation of microporous organic polymer through Schiff base chemistry and its potential application**  
Taskin O. S., Kışkan B., Aksu A., Balkis N., Yağcı Y.  
DESIGNED MONOMERS AND POLYMERS, vol.18, no.6, pp.567-573, 2015 (SCI-Expanded)
- XXIII. **T-PAH contamination in Mediterranean mussels (*Mytilus galloprovincialis*, Lamarck, 1819) at various stations of the Turkish Straits System**  
Balcioglu E. B., Aksu A., Balkis N., Ozturk B.  
MARINE POLLUTION BULLETIN, vol.88, pp.344-346, 2014 (SCI-Expanded)
- XXIV. **Polybenzoxazine: A Powerful Tool for Removal of Mercury Salts from Water**  
Taskin O. S., Kışkan B., Aksu A., Balkis N., WEBER J., Yağcı Y.  
CHEMISTRY-A EUROPEAN JOURNAL, vol.20, no.35, pp.10953-10958, 2014 (SCI-Expanded)
- XXV. **Seasonal variations of epipelagic algal community in relation to environmental factors in the Istanbul Strait (the Bosphorus), Turkey**  
Aktan Y., Balkis N., Balkis N.  
MARINE POLLUTION BULLETIN, vol.81, pp.268-275, 2014 (SCI-Expanded)
- XXVI. **A new approach to determine the ratio of redox active species such as Se-IV/Se-VI and As-III/AS(V) in marine systems**  
Aksu A., Balkis N., Salihoglu I.  
MARINE POLLUTION BULLETIN, vol.67, pp.228-233, 2013 (SCI-Expanded)
- XXVII. **Pollution Monitoring Using *Mytilus galloprovincialis* and Fishes: A Case Study on the Southern Black Sea Shelf**  
Balkis N., Aksu A., HICSONMEZ H.  
ASIAN JOURNAL OF CHEMISTRY, vol.25, no.1, pp.450-454, 2013 (SCI-Expanded)
- XXVIII. **Toxic metal (Pb, Cd and Hg) levels in the nearshore surface sediments from the European and Anotolian Shores of Bosphorus, Turkey**  
Balkis N., Aktan Y., Balkis N.  
MARINE POLLUTION BULLETIN, vol.64, pp.1938-1939, 2012 (SCI-Expanded)
- XXIX. **Distributions of total metals in the surface sediments of the Bandirma and Erdek Gulfs, Marmara Sea, Turkey.**  
Mülayim A., Balkis N., Balkis H., Aksu A.  
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, vol.94, no.1, pp.56-69, 2012 (SCI-Expanded)
- XXX. **Petroleum hydrocarbon contamination of the Southern Black Sea Shelf, Turkey**  
Balkis N., Aksu A., Ersan M. S.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.19, no.2, pp.592-599, 2012 (SCI-Expanded)

- XXXI. **Metal Pollution in Water, Mussel and Surface Sediments of the Western Black Sea Shelf, Turkey**  
Balkis N., Aksu A.  
EKOLOJI, vol.21, no.82, pp.56-64, 2012 (SCI-Expanded)
- XXXII. **Distributions of total metals in the surface sediments of the Bandirma and Erdek Gulfs, Marmara Sea, Turkey**  
Mulayim A., Balkis N., Balkis H., Aksu A.  
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, vol.94, no.1, pp.56-69, 2012 (SCI-Expanded)
- XXXIII. **The Effect of Marmara (Izmit) Earthquake on the Chemical Oceanography and Mangan Enrichment in the Lower Layer Water of Izmit Bay, Turkey**  
Balkis N.  
EARTHQUAKE RESEARCH AND ANALYSIS - STATISTICAL STUDIES, OBSERVATIONS AND PLANNING, pp.247-272, 2012 (SCI-Expanded)
- XXXIV. **Metal (Al, Fe, Mn and Cu) distributions and origins of polycyclic aromatic hydrocarbons (PAHs) in the surface sediments of the Marmara Sea and the coast of Istanbul, Turkey**  
Taskin O. S., Aksu A., Balkis N.  
MARINE POLLUTION BULLETIN, vol.62, no.11, pp.2568-2570, 2011 (SCI-Expanded)
- XXXV. **Toxic metal (Pb, Cd, As and Hg) and organochlorine residue levels in hake (Merluccius merluccius) from the Marmara Sea, Turkey**  
Aksu A., Balkis N., Taskin O. S., Ersan M. S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.182, pp.509-521, 2011 (SCI-Expanded)
- XXXVI. **Metal Pollution in Surface Sediments of the Golden Horn Estuary (Marmara Sea, Turkey) after the Remedial Actions**  
Ersan M. S., Balkis N., Muftuoglu E., Aksu A., Burak S.  
ASIAN JOURNAL OF CHEMISTRY, vol.23, no.8, pp.3320-3324, 2011 (SCI-Expanded)
- XXXVII. **Total metal levels in crayfish *Astacus leptodactylus* (Eschscholtz, 1823), and surface sediments in Lake Terkos, Turkey**  
Kurun A., Balkis N., Erkan M., Balkis H., Aksu A., Ersan M. S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.169, pp.385-395, 2010 (SCI-Expanded)
- XXXVIII. **Biogeochemical cycle of arsenic and calculating the enrichment factor by using Li element**  
Aksu A., Balkis N., Ersan M. S., Muftuoglu A. E., Apak R.  
ENVIRONMENTAL GEOCHEMISTRY AND HEALTH, vol.32, no.4, pp.303-306, 2010 (SCI-Expanded)
- XXXIX. **Heavy metal concentrations in water, suspended matter, and sediment from Gokova Bay, Turkey**  
Balkis N., Aksu A., Okus E., Apak R.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.167, pp.359-370, 2010 (SCI-Expanded)
- XL. **Tracing of The Leachate in The Marine Medium**  
Balkis N., Aksu A., Ersan M. S., Muftuoglu E., Zeki S., Demir V., Taskin O. S.  
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.8, pp.5859-5864, 2010 (SCI-Expanded)
- XLI. **The response of benthic foraminifer, ostracod and mollusc assemblages to environmental conditions: a case study from the Camalti Saltpan (Izmir-Western Turkey)**  
MERIC E., AVŞAR N., Nazik A., Barut I. F., Bergin F., Balkis N., Oncel M. S., Kapan-Yesilyurt S.  
MEDITERRANEAN MARINE SCIENCE, vol.11, no.1, pp.5-32, 2010 (SCI-Expanded)
- XLII. **The chemical oceanographic consequences of environmental restoration projects in the Golden Horn estuary (Marmara Sea, Turkey)**  
Balkis N., Muftuoglu E., Aksu A., Sur H. I., Apak R.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.164, pp.67-79, 2010 (SCI-Expanded)
- XLIII. **Levels of some toxic elements and frequency of bacterial heavy metal resistance in sediment and sea water**  
Altug G., Balkis N.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.149, pp.61-69, 2009 (SCI-Expanded)
- XLIV. **Critical evaluation of wastewater treatment and disposal strategies for Istanbul with regards to water quality monitoring study results**

- Okus E., Öztürk İ., Sur H. İ., Yüksek A., Tas S., Aslan-Yılmaz A., Altıok H., Balkis N., Dogan E., Övez S., et al. *Desalination*, vol.226, pp.231-248, 2008 (SCI-Expanded)
- XLV. **Morphological abnormalities in benthic foraminifers of the Antalya coast**  
Meriç E., AVŞAR N., Yokes M. B., Tugrul A. B., Bayari S., Ozyurt N., Barut I. F., Balkis N., UYSAL K., KAM E. *MICROPALAEONTOLOGY*, vol.54, pp.241-276, 2008 (SCI-Expanded)
- XLVI. **Accumulations of total metal in dominant shrimp species (*Palaemon adspersus*, *Palaemon serratus*, *Parapenaeus longirostris*) and bottom surface sediments obtained from the Northern Inner Shelf of the Sea of Marmara**  
Kurun A., Balkis H., Balkis N. *ENVIRONMENTAL MONITORING AND ASSESSMENT*, vol.135, pp.353-367, 2007 (SCI-Expanded)
- XLVII. **Cadmium (Cd) and lead (Pb) levels of Mediterranean mussel (*Mytilus galloprovincialis* Lamarck, 1819) from Bosphorus, Istanbul, Turkey**  
Çağlar N., Kayhan F. E., Gülsoy N. *Pakistan Journal Of Zoology*, vol.10, no.16, pp.915-919, 2007 (SCI-Expanded)
- XLVIII. **Investigation of zinc and copper levels in methimazole-induced hypothyroidism: Relation with the oxidant-antioxidant status**  
Alturfan A. A., Zengin E., Dariyerli N., Alturfan E. E., Gumustas M. K., Aytac E., Aslan M., Balkis N., Aksu A., Yigit G., et al. *FOLIA BIOLOGICA*, vol.53, no.5, pp.183-188, 2007 (SCI-Expanded)
- XLIX. **Trace metal distributions in water column and surface sediments of Izmit Bay (Turkey) after Marmara (Izmit) earthquake**  
Balkis N., Senol E., Aksu A. *FRESENIUS ENVIRONMENTAL BULLETIN*, vol.16, no.8, pp.910-916, 2007 (SCI-Expanded)
- L. **Anthropogenic pollution in sediments from the Gulf of Gemlik (Marmara Sea, Turkey); cause-result relationship**  
Unlu S., Alpar B., Aydın S., Akbulak C., Balkis N., Barut I., Meriç E., Aksu A., Kırbasoğlu C. *Fresenius Environmental Bulletin*, vol.15, no.12 A, pp.1521-1530, 2006 (SCI-Expanded)
- LI. **Arsenic (As) levels of Mediterranean mussels (*Mytilus galloprovincialis*) from Istanbul fish market**  
Çağlar N., Aksu A., Kayhan F. E. *Ekoloji*, vol.16, no.61, pp.1-5, 2006 (SCI-Expanded)
- LII. **Design of a short tensile coupon for fiber reinforced plastic using artificial neural networks**  
Saribiyik M., ÇAĞLAR N., Firat S. *SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS*, vol.12, no.4, pp.261-271, 2005 (SCI-Expanded)
- LIII. **The sources of metal contents in the shelf sediments from the Marmara Sea, Turkey**  
Algan O., Balkis N., Cagatay M., Sari E. *ENVIRONMENTAL GEOLOGY*, vol.46, pp.932-950, 2004 (SCI-Expanded)
- LIV. **Simultaneous preconcentration of vanadium(V/IV) species with palmitoyl quinolin-8-ol bonded to amberlite XAD 2 and their separate spectrophotometric determination with 4-(2-pyridylazo)-resorcinol using CDTA as masking agent**  
Filik H., Berker K., Balkis N., Apak R. *ANALYTICA CHIMICA ACTA*, vol.518, pp.173-179, 2004 (SCI-Expanded)
- LV. **Heavy metal monitoring of marine algae from the Turkish Coast of the Black Sea, 1998-2000**  
Topcuoglu S., Guven K., Balkis N., Kirbasoglu C. *CHEMOSPHERE*, vol.52, no.10, pp.1683-1688, 2003 (SCI-Expanded)
- LVI. **The effect of Marmara (Izmit) Earthquake on the chemical oceanography of Izmit Bay, Turkey**  
Balkis N. *MARINE POLLUTION BULLETIN*, vol.46, no.7, pp.865-878, 2003 (SCI-Expanded)
- LVII. **The effect of Marmara (Izmit) Earthquake on the chemical oceanography on Izmit Bay, Turkey. Vol.46, pp 865-878.**  
BALKIS N. *MARINE POLLUTION BULLETIN*, pp.865-878, 2003 (SCI-Expanded)

- LVIII. Factors controlling metal distributions in the surface sediments of the Erdek Bay, Sea of Marmara, Turkey**  
Balkis N., Cagatay M.  
ENVIRONMENT INTERNATIONAL, vol.27, no.1, pp.1-13, 2001 (SCI-Expanded)
- LIX. A Mid Late Holocene Sapropelic Sediment Unit From The Southern Marmara sea Shelf And Its Palaeoceanographic Significance. Quaternary Science Review.**  
BALKIS N.  
QUATERNARY SCIENCE REVIEWS, pp.531-540, 1999 (SCI-Expanded)
- LX. A mid-late Holocene sapropelic sediment unit from the southern Marmara sea shelf and its palaeoceanographic significance**  
Çağatay M. N., Algan O., Sakıncı M., Eastoe C., Egesel L., Balkis N., Ongan D., Caner H.  
QUATERNARY SCIENCE REVIEWS, vol.18, pp.531-540, 1999 (SCI-Expanded)

### Articles Published in Other Journals

- I. Evaluation of the pollution status after the rehabilitation works and the anthropogenic pressure factors of the Golden Horn Estuary (Sea of Marmara)**  
Ünlü V. S., Altıok H., Yüksek A., Taş S., Dursun F., Çağlar N., Aksu A., Taşkın Ö. S., Gürkan Y., Öztürk Ak İ. D., et al.  
Journal of the Black Sea/Mediterranean Environment, vol.29, no.1, pp.143-166, 2023 (Peer-Reviewed Journal)
- II. Presence of some commonly used pharmaceutical residues in seawater and net plankton: A case study of Spitsbergen, Svalbard Archipelago**  
Korkmaz N., Aksu A., Karacık B., Bayırhan İ., Çağlar N., Gazioğlu C., Özsoy B.  
International Journal of Environment and Geoinformatics, vol.9, no.4, pp.1-10, 2022 (Peer-Reviewed Journal)
- III. Effect of Seasonal Changes on Steroid Hormones Concentrations in the Golden Horn Estuary (Sea of Marmara, Turkey)**  
Korkmaz N., Çağlar N., Aksu A., Ünsal T.  
International Journal of Environment and Geoinformatics, vol.7, no.2, pp.157-164, 2020 (Peer-Reviewed Journal)
- IV. Preparation of Silica based C8 Packing Material from Non-Toxic Water Glass**  
Aksu A., Taşkın Ö. S., Çetintaşoğlu M. E., Korkmaz N., Torlak C., Çağlar N.  
International Journal of Environment and Geoinformatics, vol.7, no.2, pp.127-131, 2020 (Peer-Reviewed Journal)
- V. Toxic Metal Pollution in the Surface Sediments from Gulluk Bay (Mugla-Turkey)**  
Çağlar (Balkis) N., AKSU A., ALTUĞ G.  
TURKIYE JEOLOJİ BULTENİ-GEOLOGICAL BULLETIN OF TURKEY, vol.63, no.1, pp.117-124, 2020 (ESCI)
- VI. Güllük Körfezi (Muğla-Türkiye) Yüzeý Sedimentlerinde Toksik Metal Kirliliđi**  
BALKIS N., AKSU A., ALTUĞ G.  
TURKIYE JEOLOJİ BULTENİ-GEOLOGICAL BULLETIN OF TURKEY, 2020 (ESCI)
- VII. Source identification of Polycyclic Aromatic Hydrocarbons (PAHs) in the urban environment of İstanbul**  
Kural G., BALKIS N., AKSU A.  
International Journal of Environment and Geoinformatics, 2018 (Peer-Reviewed Journal)
- VIII. Ostracoda as bioindicators of anthropogenic impact in salt lakes, salt pans, and a lagoon: A case study from the Gulf of Saros coast (NE Aegean Sea), Turkey Les ostracodes, bio-indicateurs de l'impact anthropique dans les lacs salés, salines et lagunes : une étude de cas des côtes du Golfe de Saros (NE de la mer Egée), Turquie**  
Barut I. F., NAZİK A., Balkis N., AKSU A., ERSAN M. S.  
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Environmental Geochemistry and Health, Assistant Editor/Section Editor, 2014 - Continues

Journal of Geochemical Exploration, Evaluation Committee Member, 2012 - Continues

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EKOLOJİ, Evaluation Committee Member, 2010 - Continues

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## Metrics

Publication: 138

Citation (WoS): 849

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## Congress and Symposium Activities

Gemlik Körfezi'nden Avlanan Demersal Balık Türlerinin Kas ve Solungaç Dokularında Ağır Metal Birikimi, FABA 2012

Sempozyumu,, Attendee, Turkey, 2012

Aritma Çamurundan Üretilen Aktif Karbon ile KOI ve Petrol Giderimi. IV. Ulusal Katı Atık Yönetimi Kongresi,, Attendee, Turkey, 2012

İstanbul Tuzla Bölgesi Atmosferi Alt Tabakasında Çok Halkalı Aromatik Hidrokarbonlar (Pah'lar) Ve Metallerin İncelenmesi, Ekoloji 2012, Attendee, Turkey, 2012

Güney Karadeniz Şelfi'nde Biotada Ultra Trace (Eser) Elementler, KÇKK 2011, Kıyı Bölgelerinde Çevre Kirliliği ve Kontrolü Sempozyumu, Bildiriler Kitabı,, Attendee, Turkey, 2011

Marmara Denizi İstanbul Kiyılarında PAH Ve Organokörlü Pestisidlerin HPLC ile Tayini ve Sediment Jeokimyasi, KÇKK 2011, Kıyı Bölgelerinde Çevre Kirliliği ve Kontrolü Sempozyumu, Attendee, Turkey, 2011

Çift Tabakalı Dinamik Bir Sistemde Arsenik, Selenyum ve Civanın Biyojeokimyasal Döngüsü, KÇKK 2011, Kıyı Bölgelerinde Çevre Kirliliği ve Kontrolü Sempozyumu,, Attendee, Turkey, 2011

Distribution of Nutrients and Chlorophyll-A In The Coastal Area Of The Bosphorus (Turkey). Rapp. Comm. int. Mer Médit., 39. CIESM Congress,, Attendee, Italy, 2010

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Çift tabakalı dinamik bir sistemde arsenik, selenyum ve civanın biyojeokimyasal döngüsü. Uluslar arası Güvenli Su Üretimi Kongresi,, Attendee, Turkey, 2009

Metal Contamination of the Gökova Bay. International Conference, 6th Aegean Analytical Chemistry Days,, Attendee, Turkey, 2008

Chemical Oceanography of the Southern Black Sea Shelf Waters. International Conference, 6th Aegean Analytical Chemistry Days, Attendee, Turkey, 2008

Haliç Yüzey Sedimentlerinde Metal Kirliliği. Kent Yönetimi, İnsan ve Çevre Sorunları Sempozyumu 2008,, Attendee, Turkey, 2008

Heavy metal concentrations in marine algae from the Turkish Coast of the Black Sea. 38th CIESM Congress, Attendee, Turkey, 2007

Sediment Geochemistry Atlas of the Sea of Marmara. 38th CIESM Congress,, Attendee, Turkey, 2007

Heavy metal pollution of Southern Black Sea waters. 38th CIESM Congress,, Attendee, Turkey, 2007

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The chemical oceanography of the Golden Horn Estuary (Marmara Sea, Turkey): Consequences of Improvement Projects. IWA Dipcon 2006. 10th International Specialised Conference on Diffuse Pollution and Sustainable Basin Management. September 18-22, 2006 İstanbul,, Attendee, İstanbul, Turkey, 2006

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