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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 Fakóltesi , 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

Marine Sciences and Technology, Oceanography

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
ERÇAĞ E., ÇAĞLAR N., Çift tabakalı dinamik bir sistemde Arsenik, Selenyum ve Cıvanın biokimyasal döngüsü, Doctorate, A.Aksu(Student), 2011
ERÇAĞ E., ÇAĞLAR N., Marmara Denizi İstanbul Kıyılarında PAH ve Organaklorlü Pestisitlerin HPLC ile Tayini ve Sediment Jeokimyası, Postgraduate, Ö.Suat(Student), 2010
ÇAĞLAR N., Marmara Denizi yüzey sedimentlerinde ekstrakte edilebilir hidrokarbonlar, Postgraduate, B.İşkın(Student), 2010
ÇAĞLAR N., Güney Karadeniz Şelfi'nde biotada ultra eser elementlerin dağılımı, Postgraduate, H.Hiçsönmez(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. **Melatonin pretreatment modulates anti-inflammatory, antioxidant, YKL-40, and matrix metalloproteinases in endotoxemic rat lung tissue**
Ateş G., Tamer S., Yorulmaz H., Mutlu S., OLGAC N. V., AKSU A., Çağlar N., ÖZKÖK E.
EXPERIMENTAL BIOLOGY AND MEDICINE, vol.247, no.12, pp.1080-1089, 2022 (SCI-Expanded)
- III. **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)
- IV. **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)

- V. **Assessment of distribution of heavy metals and activity level of ²¹⁰Pb 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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)

- XVIII. Melamine-based microporous polymer for highly efficient removal of copper(II) from aqueous solution**
Taskin O. S., Ersoy N., Aksu A., Kışkan B., Balkis N., Yağcı Y.
Polymer International, vol.65, no.4, pp.439-445, 2016 (SCI-Expanded)
- XIX. 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)
- XX. 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)
- XXI. 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)
- XXII. 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)
- XXIII. 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)
- XXIV. 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)
- XXV. 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)
- XXVI. 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)
- XXVII. 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)
- XXVIII. 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)
- XXIX. Toxic metal (Pb, Cd and Hg) levels in the nearshore surface sediments from the European and Anatolian Shores of Bosphorus, Turkey**
Balkis N., Aktan Y., Balkis N.
MARINE POLLUTION BULLETIN, vol.64, pp.1938-1939, 2012 (SCI-Expanded)
- XXX. 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)

- XXXI. **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)
- XXXII. **Metal Pollution in Water, Mussel and Surface Sediments of the Western Black Sea Shelf, Turkey**
Balkis N., Aksu A.
EKOLOJİ, vol.21, no.82, pp.56-64, 2012 (SCI-Expanded)
- XXXIII. **Distributions of total metals in the surface sediments of the Bandırma 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)
- XXXIV. **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)
- 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 (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)
- XXXVII. **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)
- XXXVIII. **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)
- XXXIX. **Heavy metal concentrations in water, suspended matter, and sediment from Gökova Bay, Turkey**
Balkis N., Aksu A., Okus E., Apak R.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.167, pp.359-370, 2010 (SCI-Expanded)
- XL. **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)
- XLI. **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)
- XLII. **The response of benthic foraminifer, ostracod and mollusc assemblages to environmental conditions: a case study from the Camaltı Saltpan (Izmir-Western Turkey)**
MERİÇ E., AVŞAR N., Nazik A., Barut I. F., Bergin F., Balkis N., Onel M. S., Kapan-Yesilyurt S.
MEDITERRANEAN MARINE SCIENCE, vol.11, no.1, pp.5-32, 2010 (SCI-Expanded)
- XLIII. **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)
- XLIV. **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)

- XLV. **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., Yuksek A., Tas S., Aslan-Yilmaz A., Altioğ H., Balkis N., Dogan E., Övez S., et al.
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- XLVI. **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.
MICROPALEONTOLOGY, vol.54, pp.241-276, 2008 (SCI-Expanded)
- XLVII. **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)
- XLVIII. **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)
- XLIX. **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)
- L. **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)
- LI. **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., Kırbaşoğlu C.
Fresenius Environmental Bulletin, vol.15, no.12 A, pp.1521-1530, 2006 (SCI-Expanded)
- LII. **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)
- LIII. **Design of a short tensile coupon for fiber reinforced plastic using artificial neural networks**
Saribiyik M., ÇAĞLAR N., Firat S.
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- LIV. **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)
- LV. **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.
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- LVI. **Heavy metal monitoring of marine algae from the Turkish Coast of the Black Sea, 1998-2000**
Topcuoglu S., Guven K., Balkis N., Kirbasoglu C.
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- LVII. **The effect of Marmara (Izmit) Earthquake on the chemical oceanography of Izmit Bay, Turkey**
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- LVIII. **The effect of Marmara (Izmit) Earthquake on the chemical oceanography on Izmit Bay, Turkey.**

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- LIX. **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)

- LX. **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)

- LXI. **A mid-late Holocene sapropelic sediment unit from the southern Marmara sea shelf and its palaeoceanographic significance**

Çağatay M. N., Algan O., Sakınç 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)**
Altok H., Yüksek A., Taş S., Dursun F., Ünlü V. S., Çağlar N., Aksu A., Taşkın Ö. S., Gürkan Y., Öztürk Ak İ. D., et al.
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- II. **Determination of the Distribution and Sources of Inorganic Pollutants in Particular Material in the Atmosphere of Istanbul**
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- III. **Enumeration of Aerobic Heterotrophic Bacteria in Early-Stage of Biofilm Formed on Different Plastic Types**
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- IV. **Presence of some commonly used pharmaceutical residues in seawater and net plankton: A case study of Spitsbergen, Svalbard Archipelago**
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- V. **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.
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- VI. **Preparation of Silica based C8 Packing Material from Non-Toxic Water Glass**
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- VII. **Toxic Metal Pollution in the Surface Sediments from Gulluk Bay (Mugla-Turkey)**
Caglar (Balkis) N., AKSU A., ALTUĞ G.
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- VIII. **Güllük Körfezi (Muğla-Türkiye) Yüzey Sedimentlerinde Toksik Metal Kirliliği**
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- IX. **Source identification of Polycyclic Aromatic Hydrocarbons (PAHs) in the urban environment of İstanbul**
Kural G., BALKIS N., AKSU A.

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Citation (Scopus): 942

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Congress and Symposium Activities

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

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Non Academic Experience

İnternational Hospital