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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: J-4091-2013

ScopusID: 7003505381

Yoksis Researcher ID: 4809

Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, Turkey
1986 - 1991

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering,
Turkey 1983 - 1985

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering,
Turkey 1978 - 1982

Foreign Languages

English, C1 Advanced

Research Areas

Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Industrial and Hazardous Waste Management, Pollution Prevention and Waste Reduction, Water Pollution and Control, Water Supply and Treatment, Hazardous Waste Management, Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 1999 -
Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering,
1992 - 1999

Lecturer, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 1991 -
1992

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering,
1982 - 1991

Academic and Administrative Experience

Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoteknoloji (Dr), 2013 - 2015
Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 2003 - 2006
Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 1999 - 2003
Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 1994 - 1998

Courses

FUNDAMENTALS OF BIOLOGICAL TREATMENT, Undergraduate, 2018 - 2019
PHYSICO-CHEMICAL PRIN.OF ENVIRON.ENG., Undergraduate, 2017 - 2018
environmental pollution and ecology, Undergraduate, 2016 - 2017, 2015 - 2016

Supervised Theses

Dilek F. B., Uzal N., Life cycle assessment of absorbent hygiene products aligning with Turkish environmental label criteria, Postgraduate, B.BEYHAN(Student), 2024
Dilek F. B., EVALUATION OF BEST AVAILABLE TECHNIQUES FOR THE SELECTED INTEGRATED SOLID WASTE PLANT USING LIFE CYCLE ASSESSMENT, Postgraduate, E.İREM(Student), 2023
Dilek F. B., Uzal N., Life Cycle Assessment of Mattress Products, Postgraduate, E.EKİN(Student), 2023
, Dilek F. B., Ipek Torun B., DEVELOPMENT OF A NEW HETEROGENEOUS CATALYST FOR THE USE IN FENTON-LIKE PROCESS TOWARD THE REMOVAL OF PESTICIDES FROM WATER, Doctorate, M.ALI(Student), 2022
DİLEK F. B., YETİŞ Ü., The removal of phorate from water by adsorption on powdered activated carbon and chabazite, Postgraduate, C.POLAT(Student), 2022
Dilek F. B., Yetiş Ü., Source identification of pesticide pollution and determination of normal background concentrations of metals in Yeşilirmak river basin, Postgraduate, B.SELİN(Student), 2021
Dilek F. B., Ünlü K., Estimation of diffuse pollution loads of pesticides in Tersakan sub-basin of Yeşilirmak river, Postgraduate, C.AYYILDIZ(Student), 2019
Dilek F. B., Yetiş Ü., The removal of aclonifen from water by adsorption using carbon nanotubes, Postgraduate, P.YILMAZ(Student), 2019
DİLEK F. B., Removal of chloridazon herbicide from wastewaters using FE/H2O2, UV/H2O2 AND UV/FE/H2O2, Postgraduate, H.BİKE(Student), 2019
Dilek F. B., Günkaya Z., Life cycle assessment (LCA) of a leed-certified green building using two different lca tools, Postgraduate, M.AYGENÇ(Student), 2019
Dilek F. B., Yetiş Ü., Fate and removal of pesticides in wastewater treatment plants – case of yeşilirmak basin, Postgraduate, K.KOCAMAN(Student), 2019
Dilek F. B., Yetiş Ü., Determination of groundwater threshold values: A methodology applied to gediz basin, Postgraduate, O.FATİH(Student), 2019
Akgül Ç., Dilek F. B., Life Cycle Assessment (LCA) of Different Concrete Mixtures and an Application in a Green Building, Postgraduate, E.TÜKENMEZ(Student), 2019
Dilek F. B., Removal of imidacloprid from wastewaters by ozonation and photo-ozonation, Postgraduate, B.SÖNMEZ(Student), 2019
DİLEK F. B., Evaluating environmental impacts of a solvent recovery unit in a chemical factory by using life cycle assessment, Postgraduate, G.HAKYEMEZ(Student), 2016
Yetiş Ü., Dilek F. B., Ranking of pesticides according to leaching potentials to groundwater for the selected river basins in turkey – index-based approach, Postgraduate, A.ECE(Student), 2016
YETİŞ Ü., DİLEK F. B., Triclosan in biological wastewater treatment: fate, kinetics and population dynamics aspects /, Postgraduate, A.KOÇ(Student), 2014
Yetiş Ü., Dilek F. B., Removal of triclosan from surface waters by ozonation: Kinetics and removal mechanism,

Postgraduate, K.BERK(Student), 2014
YETİŞ Ü., DİLEK F. B., Removal of triclosan from surface waters by ozonation: kinetics & removal mechanism/,
Postgraduate, K.Berk(Student), 2014
Yetiş Ü., Dilek F. B., Triclosan in biological wastewater treatment: Fate, kinetics and population dynamics aspects,
Postgraduate, A.KOÇ(Student), 2014
DİLEK F. B., YETİŞ Ü., Investigation of occurrence and fate of biocides in wastewater treatment plants and surface waters,
Postgraduate, M.Yavuz(Student), 2013
Yetiş Ü., Dilek F. B., Investigation of occurrence and fate of biocides in wastewater treatment plants and surface waters,
Postgraduate, M.YAVUZ(Student), 2013
DİLEK F. B., Dilek F., Life cycle assessment in ferrous foundry industry, Postgraduate, Ç.Yiğit(Student), 2013
DİLEK F. B., Life cycle assessment in ferrous industry, Postgraduate, Ç.YİĞİT(Student), 2013
Yetiş Ü., Dilek F. B., Triclosan removal by nanofiltration from surface water, Postgraduate, A.ÖĞÜTVERİCİ(Student), 2013
Yetiş Ü., Dilek F. B., Comparison of sub-processes and final products of iron and steel production with life cycle
assessment, Postgraduate, G.ÖLMEZ(Student), 2011
DİLEK F. B., Estimation of hazardous waste generation in selected sectors of Ostim OIZ, Ankara, Postgraduate,
A.Kayabınar(Student), 2010
DİLEK F. B., Aerobic biological treatment of opium alkaloid wastewater - effect of gamma radiation and fenton's
oxidation as pretreatment, Postgraduate, C.BURAK(Student), 2008
Dilek F. B., Demirer G., A chemical substitution study for a wet processing textile mill in turkey, Postgraduate,
E.ÖZTÜRK(Student), 2007
Dilek F. B., Sanin F. D., An investigation of agricultural use potential of wastewater sludges in turkey with respect to
heavy metals and pathogens, Postgraduate, G.ÖZSOY(Student), 2006
DİLEK F. B., Modelling aerobic 4-chlorophenol and 2,4-dichlorophenol biodegradation-effect of biogenic substrate
concentration, Doctorate, E.ŞAHİNKAYA(Student), 2006
DİLEK F. B., Anaerobic treatment of opium alkaloid wastewater and effect of gamma-rays on anaerobic treatment,
Postgraduate, R.TUĞRUL(Student), 2006
DİLEK F. B., Removing algae from stabilization pond effluents by using trickling filters, Postgraduate, D.Kaya(Student),
2005
DİLEK F. B., Determination of THMFP of the reservoirs in Turkey: Kinetics aspect, Postgraduate, M.ARTUĞ(Student),
2004
Yetiş Ü., Dilek F. B., Enhanced coagulation of raw water of Ankara city, Postgraduate, E.ATLI(Student), 2002
DİLEK F. B., Azo dye decolorization by phanerochaete chrysosporium, Postgraduate, Y.ERLER(Student), 2002
DİLEK F. B., Integrated environmental management plan for Bursa, Postgraduate, A.ÜLKÜ(Student), 2001
DİLEK F. B., Toxicity and treatability of chlorophenols under aerobic and anoxic conditions, Postgraduate,
E.ŞAHİNKAYA(Student), 2001
DİLEK F. B., Algal treatment of textile dyehouse wastewater, Postgraduate, E.ACUNER(Student), 2001
Yetiş Ü., Dilek F. B., Kinetic aspects of decolorization of pulp and paper industry wastewaters by algae, Doctorate,
E.TARLAN(Student), 2001
, Dilek F. B., Sürücü G., Treatment of carpet dyeing wastewater by fenton's reagent, Postgraduate, İ.GÜLKAYA(Student),
2001
DİLEK F. B., Colour removal from pulp and paper industry wastewaters by using alum and clay, Postgraduate,
Ş.BEŞE(Student), 1998
DİLEK F. B., Decolorization of pulping effluents by algae, Postgraduate, M.HAKAN(Student), 1997

Jury Memberships

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Konya Teknik Üniversitesi, October, 2019
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Boğaziçi Üniversitesi, July, 2019
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Zonguldak Bülent Ecevit Üniversitesi,
January, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessing Environmental and Economic Sustainability: Valorizing Grape Stems for Animal Feed Production**
DİLEK F. B., San Martin D., Gutierrez M., Ibarruri J., Iñarra B., YETİŞ Ü.
ACS Sustainable Chemistry and Engineering, vol.12, no.50, pp.18028-18042, 2024 (SCI-Expanded)
- II. **Preparation of chabazite based Fenton-like heterogeneous catalyst and its organic micropollutant removal performance**
Ali M., Dilek F. B., Ipek Torun B.
Sustainable Chemistry and Pharmacy, vol.31, 2023 (SCI-Expanded)
- III. **Removal of pesticides from secondary treated urban wastewater by reverse osmosis**
Ateş N., Uzal N., Yetiş Ü., Dilek F. B.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.30, no.4, pp.8732-8745, 2023 (SCI-Expanded)
- IV. **Life cycle assessment of sericin recovery from silk degumming wastewaters**
ÇAPAR G., PİLEVNELİ T., YETİŞ Ü., DİLEK F. B.
Sustainable Chemistry and Pharmacy, vol.30, 2022 (SCI-Expanded)
- V. **Investigating the effect of solids retention time on pesticides removal in an activated sludge process**
Kocaman K., Yetiş Ü., Dilek F. B.
SUSTAINABLE CHEMISTRY AND PHARMACY, vol.29, 2022 (SCI-Expanded)
- VI. **Imidacloprid elimination by O₃ and O₃/UV: kinetics study, matrix effect, and mechanism insight**
Baghırzade B. S., Yetiş Ü., Dilek F. B.
Environmental Science and Pollution Research, vol.28, no.19, pp.24535-24551, 2021 (SCI-Expanded)
- VII. **Occurrence of micropollutants in the Yesilirmak River Basin, Turkey**
Küçük E., Pilevneli T., Erguven G. O., Aslan S., Olgun E. O., Canli O., Ünlü K., Dilek F. B., İpek U., Avaz G., et al.
Environmental Science and Pollution Research, vol.28, no.19, pp.24830-24846, 2021 (SCI-Expanded)
- VIII. **Removal of chloridazon pesticide from waters by Fenton and photo-Fenton processes**
Ulu H. B., DEĞERMENÇİ N., DİLEK F. B.
DESALINATION AND WATER TREATMENT, vol.194, pp.429-438, 2020 (SCI-Expanded)
- IX. **Determination of groundwater threshold values: A methodological approach**
Bulut O. F., Duru B., Cakmak O., Gunhan O., Dilek F. B., Yetiş Ü.
JOURNAL OF CLEANER PRODUCTION, vol.253, 2020 (SCI-Expanded)
- X. **Sulfate removal from drinking water by commercially available nanofiltration membranes: A parametric study**
Karabacak A., Dilek F. B., Yılmaz L., Kitiş M., Yetiş Ü.
Desalination and Water Treatment, vol.205, pp.296-307, 2020 (SCI-Expanded)
- XI. **A new screening index for pesticides leachability to groundwater**
DEMİR A. E. A., DİLEK F. B., YETİŞ Ü.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.231, pp.1193-1202, 2019 (SCI-Expanded)
- XII. **Fate of triclosan in laboratory-scale activated sludge reactors - Effect of culture acclimation**
ORHON A. K., ORHON K. B., YETİŞ Ü., DİLEK F. B.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.216, pp.320-327, 2018 (SCI-Expanded)
- XIII. **Triclosan removal from surface water by ozonation - Kinetics and by-products formation**
ORHON k. b., ORHON a. k., DİLEK F. B., YETİŞ Ü.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.204, pp.327-336, 2017 (SCI-Expanded)
- XIV. **Analysis of the best available techniques for wastewaters from a denim manufacturing textile mill**
YÜKSELER h., UZAL N., ŞAHİNKAYA E., KİTİŞ M., DİLEK F. B., YETİŞ Ü.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.203, pp.1118-1125, 2017 (SCI-Expanded)
- XV. **The environmental impacts of iron and steel industry: a life cycle assessment study**
Olmez G. M., DİLEK F. B., Karanfil T., YETİŞ Ü.
JOURNAL OF CLEANER PRODUCTION, vol.130, pp.195-201, 2016 (SCI-Expanded)
- XVI. **Triclosan removal by NF from a real drinking water source - Effect of natural organic matter**

- OGUTVERİCİ A., YILMAZ L., YETİŞ Ü., DİLEK F. B.
CHEMICAL ENGINEERING JOURNAL, vol.283, pp.330-337, 2016 (SCI-Expanded)
- XVII. **Solid waste management scenarios for Cetinje in Montenegro**
YETİŞ Ü., Jakobsen J. B., DİLEK F. B., Kiyik E., Mugosa S., Novovic J., Kerestecioglu M.
WASTE MANAGEMENT & RESEARCH, vol.33, no.5, pp.477-485, 2015 (SCI-Expanded)
- XVIII. **Biocides in drinking water system of Ankara, Turkey**
YAVUZ M., Oggioni M., YETİŞ Ü., DİLEK F. B.
DESALINATION AND WATER TREATMENT, vol.53, no.12, pp.3253-3262, 2015 (SCI-Expanded)
- XIX. **Recovery of caustic from mercerizing wastewaters of a denim textile mill**
Varol C., UZAL N., DİLEK F. B., KİTİŞ M., YETİŞ Ü.
DESALINATION AND WATER TREATMENT, vol.53, no.12, pp.3418-3426, 2015 (SCI-Expanded)
- XX. **Is adsorption an artifact in experimentation with Triclosan?**
Koc A., Orhon K. B., Ogutverici A., YILMAZ L., Furi L., Oggioni M. R., DİLEK F. B., YETİŞ Ü.
DESALINATION AND WATER TREATMENT, vol.52, pp.7101-7107, 2014 (SCI-Expanded)
- XXI. **Use of theoretical waste inventories in planning and monitoring of hazardous waste management systems**
Yilmaz O., Can Z. S., Toröz İ., DOĞAN O., Oncel S., ALP E., DİLEK F. B., Karanfil T., YETİŞ Ü.
WASTE MANAGEMENT & RESEARCH, vol.32, no.8, pp.763-771, 2014 (SCI-Expanded)
- XXII. **Challenges in Development and Implementation of Health-Risk-Based Soil Quality Guidelines: Turkey's Experience**
KENTEL E., AKSOY A., Buyuker B., Dilek F. B., Girgin S., Ipek M. H., Polat S., YETİŞ Ü., ÜNLÜ K.
RISK ANALYSIS, vol.31, no.4, pp.657-667, 2011 (SCI-Expanded)
- XXIII. **Hazardous waste management in Turkey: current legislative requirements and future challenges**
YIGIT C., MADEN G., DISA N., YILMAZ O., OGUTVERİCİ A., ALP E., ÜNLÜ K., Gokcay C. F., DİLEK F. B., DOĞAN O., et al.
DESALINATION AND WATER TREATMENT, vol.26, pp.152-159, 2011 (SCI-Expanded)
- XXIV. **Treatment of opium alkaloid containing wastewater in sequencing batch reactor (SBR)-Effect of gamma irradiation**
Bural C. B., Demirer G. N., Kantoglu O., DİLEK F. B.
RADIATION PHYSICS AND CHEMISTRY, vol.79, no.4, pp.519-526, 2010 (SCI-Expanded)
- XXV. **Adoption of European Union's IPPC Directive to a textile mill: Analysis of water and energy consumption**
Kocabas A. M., Yukseler H., DİLEK F. B., YETİŞ Ü.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.91, no.1, pp.102-113, 2009 (SCI-Expanded)
- XXVI. **The growth behavior of *Chlorella vulgaris* in the presence of 4-chlorophenol and 2,4-dichlorophenol**
ŞAHİNKAYA E., DİLEK F. B.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.72, no.3, pp.781-786, 2009 (SCI-Expanded)
- XXVII. **A chemical substitution study for a wet processing textile mill in Turkey**
Ozturk E., YETİŞ Ü., DİLEK F. B., Demirer G. N.
JOURNAL OF CLEANER PRODUCTION, vol.17, no.2, pp.239-247, 2009 (SCI-Expanded)
- XXVIII. **Biological treatment and nanofiltration of denim textile wastewater for reuse**
ŞAHİNKAYA E., UZAL N., YETİŞ Ü., DİLEK F. B.
JOURNAL OF HAZARDOUS MATERIALS, vol.153, no.3, pp.1142-1148, 2008 (SCI-Expanded)
- XXIX. **Reuse of lagoon effluents in agriculture by post-treatment in a step feed dual treatment process**
KAYA D., Dilek F. B., Goekcay C. F.
DESALINATION, vol.215, pp.29-36, 2007 (SCI-Expanded)
- XXX. **Modeling chlorophenols degradation in sequencing batch reactors with instantaneous feed-effect of 2,4-DCP presence on 4-CP degradation kinetics**
ŞAHİNKAYA E., Dilek F. B.
BIODEGRADATION, vol.18, no.4, pp.427-437, 2007 (SCI-Expanded)
- XXXI. **Effect of feeding time on the performance of a sequencing batch reactor treating a mixture of 4-CP and 2,4-DCP**

- ŞAHİNKAYA E., Dilek F. B.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.83, no.4, pp.427-436, 2007 (SCI-Expanded)
- XXXII. **Occurrence of disinfection by-products in low DOC surface waters in Turkey**
ATEŞ N., Kaplan S. S., ŞAHİNKAYA E., KİTİŞ M., Dilek F. B., Yetis U.
JOURNAL OF HAZARDOUS MATERIALS, vol.142, pp.526-534, 2007 (SCI-Expanded)
- XXXIII. **Biodegradation kinetics of 2,4-dichlorophenol by acclimated mixed cultures**
ŞAHİNKAYA E., Dilek F. B.
JOURNAL OF BIOTECHNOLOGY, vol.127, no.4, pp.716-726, 2007 (SCI-Expanded)
- XXXIV. **Effect of biogenic substrate concentration on 4-chlorophenol degradation kinetics in sequencing batch reactors with instantaneous feed**
ŞAHİNKAYA E., Dilek F. B.
JOURNAL OF HAZARDOUS MATERIALS, vol.137, no.1, pp.282-287, 2006 (SCI-Expanded)
- XXXV. **Biodegradation of 4-CP and 2,4-DCP mixture in a rotating biological contactor (RBC)**
şahinkaya E., Dilek F. B.
BIOCHEMICAL ENGINEERING JOURNAL, vol.31, no.2, pp.141-147, 2006 (SCI-Expanded)
- XXXVI. **Effect of biogenic substrate concentration on chlorophenol degradation kinetics**
ŞAHİNKAYA E., Dilek F. B.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.81, no.9, pp.1530-1539, 2006 (SCI-Expanded)
- XXXVII. **Importance of H₂O₂/Fe²⁺ ratio in Fenton's treatment of a carpet dyeing wastewater**
Gulkaya I., Surucu G. A., Dilek F. B.
JOURNAL OF HAZARDOUS MATERIALS, vol.136, no.3, pp.763-769, 2006 (SCI-Expanded)
- XXXVIII. **Use of Fenton oxidation to improve the biodegradability of a pharmaceutical wastewater**
Tekin H., BİLKEY O., Ataberk S. S., Balta T. H., Ceribasi I. H., Sanin F. D., Dilek F. B., Yetis U.
JOURNAL OF HAZARDOUS MATERIALS, vol.136, no.2, pp.258-265, 2006 (SCI-Expanded)
- XXXIX. **Effect of biogenic substrate concentration on the performance of sequencing batch reactor treating 4 CP and 2 4 DCP mixtures**
ŞAHİNKAYA E., DİLEK F. B.
Journal Of Hazardous Materials, vol.128, pp.258-264, 2006 (SCI-Expanded)
- XL. **Effect of biogenic substrate concentration on the performance of sequencing batch reactor treating 4-CP and 2,4-DCP mixtures**
SAHINKAYA E., Dilek F. B.
Journal of Hazardous Materials, vol.128, pp.258-264, 2006 (SCI-Expanded)
- XLI. **An investigation of agricultural use potential of wastewater sludges in Turkey - case of heavy metals**
Ozsoy G., Dilek F. B., Sanin F. D.
WATER SCIENCE AND TECHNOLOGY, vol.54, pp.155-161, 2006 (SCI-Expanded)
- XLII. **Biodegradation of 4-chlorophenol by acclimated and unacclimated activated sludge - Evaluation of biokinetic coefficients**
ŞAHİNKAYA E., Dilek F. B.
ENVIRONMENTAL RESEARCH, vol.99, no.2, pp.243-252, 2005 (SCI-Expanded)
- XLIII. **Trihalomethanes and associated potential cancer risks in the water supply in Ankara, Turkey**
Tokmak B., ÇAPAR G., DİLEK F. B., YETİŞ Ü.
ENVIRONMENTAL RESEARCH, vol.96, no.3, pp.345-352, 2004 (SCI-Expanded)
- XLIV. **Treatment of Tectilon Yellow 2G by *Chlorella vulgaris***
EBRU a., DİLEK F. B.
Process Biochemistry, pp.623-631, 2004 (SCI-Expanded)
- XLV. **Water savings and sludge minimization in a beet-sugar factory through re-design of the wastewater treatment facility**
DİLEK F. B., YETİŞ Ü., Gökçay C. F.
Journal of Cleaner Production, vol.11, no.3, pp.327-331, 2003 (SCI-Expanded)
- XLVI. **Nutritional and cultural parameters influencing antidipteran delta endotoxin production**
ÖZKAN M., DİLEK F. B., YETİŞ Ü., ÖZCENGİZ G.

- Research In Microbiology, pp.49-53, 2003 (SCI-Expanded)
- XLVII. **Effects of 2,4-dichlorophenol on activated sludge**
ŞAHİNKAYA E., Dilek F. B.
APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, vol.59, pp.361-367, 2002 (SCI-Expanded)
- XLVIII. **Effectiveness of algae in the treatment of a wood-based pulp and paper industry wastewater**
Tarlan E., DİLEK F. B., YETİŞ Ü.
Bioresource Technology, vol.84, no.1, pp.1-5, 2002 (SCI-Expanded)
- XLIX. **Ni(II) biosorption by Polyporous versicolor**
DİLEK F. B., Erbay A., YETİŞ Ü.
Process Biochemistry, vol.37, no.7, pp.723-726, 2002 (SCI-Expanded)
- L. **Algal treatment of pulp and paper industry wastewaters in SBR systems**
Tarlan E., YETİŞ Ü., DİLEK F. B.
WATER SCIENCE AND TECHNOLOGY, vol.45, no.12, pp.151-158, 2002 (SCI-Expanded)
- LI. **Effectiveness of Algae in the Treatment of a Wood based Pulp and Paper Industry Wastewater**
ESRA t., DİLEK F. B., YETİŞ Ü.
Bioresource Technology, pp.1-5, 2002 (SCI-Expanded)
- LII. **Microbial solubilization of lignites**
Gokcay C. F., Kolankaya N., Dilek F. B.
Fuel, vol.80, no.10, pp.1421-1433, 2001 (SCI-Expanded)
- LIII. **Removal of trihalomethane precursors by granular activated carbon treatment**
CAPAR G., DEMİRER G. N., DİLEK F. B., YETİŞ Ü.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.10, no.2, pp.197-202, 2001 (SCI-Expanded)
- LIV. **Treatment of pulping effluents by using alum and clay - Colour removal and sludge characteristics**
DİLEK F. B., Bese S.
Water SA, vol.27, no.3, pp.361-366, 2001 (SCI-Expanded)
- LV. **The removal of Pb(II) by Phanerochaete chrysosporium**
YETİŞ Ü., Dolek A., DİLEK F. B., ÖZCENGİZ G.
Water Research, vol.34, no.16, pp.4090-4100, 2000 (SCI-Expanded)
- LVI. **Colour and AOX removal from pulping effluents by algae**
Dilek F. B., Taplamacioglu H., Tarlan E.
APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, vol.52, no.4, pp.585-591, 1999 (SCI-Expanded)
- LVII. **Sequence of microbial, populations associated with the treatment of pulping effluents in a model activated sludge plant**
Demirbas G., Gokcay C., DİLEK F. B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.7, pp.114-119, 1998 (SCI-Expanded)
- LVIII. **Combined effects of Ni(II) and Cr(VI) on activated sludge**
DİLEK F. B., Gokcay C. F., YETİŞ Ü.
Water Research, vol.32, no.2, pp.303-312, 1998 (SCI-Expanded)
- LIX. **Microbiology of activated sludge treating wastewater containing Ni(II) and Cr(VI)**
DİLEK F. B., Gokcay C.
Water Science and Technology, vol.34, pp.183-191, 1996 (SCI-Expanded)
- LX. **TREATMENT OF EFFLUENTS FROM HEMP-BASED PULP AND PAPER-INDUSTRY .2. BIOLOGICAL TREATABILITY OF PULPING EFFLUENTS**
celal ferdi g., DİLEK F. B.
WATER SCIENCE AND TECHNOLOGY, vol.29, no.9, pp.165-168, 1994 (SCI-Expanded)
- LXI. **TREATMENT OF EFFLUENTS FROM HEMP-BASED PULP AND PAPER-INDUSTRY .1. WASTE CHARACTERIZATION AND PHYSICO-CHEMICAL TREATABILITY**
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Memberships / Tasks in Scientific Organizations

MÜDEK-MAK, Board Member, 2015 - Continues, Turkey

MÜDEK-MAK - MÜHENDİSLİK EĞİTİM PROGRAMLARI AKREDİTASYON KURULU, Chairman, 2019 - 2021, Turkey

MÜDEK-MAK, Co-chairman, 2017 - 2019, Turkey

Scientific Refereeing

TUBITAK Project, SAYEM FAZ II, Middle East Technical University, Turkey, January 2025

INTERNATIONAL BIODETERIORATION & BIODEGRADATION, Journal Indexed in SCI-E, December 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Middle East Technical University, Turkey, December

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TUBITAK Project, 2223 - Domestic Scientific Activities Support Program, Middle East Technical University, Turkey, April 2019

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ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, March 2019

Renewable & Sustainable Energy Reviews, SCI Journal, February 2019

TUBITAK Project, 1002 - Quick Support Program, Middle East Technical University, Turkey, February 2019

Tasks In Event Organizations

Dilek F. B., 19th SDEWES Conference on sustainable development of energy, water and environment system, Scientific Congress, Italy, Eylül 2024

Dilek F. B., Rhodes 2024 11th International Conference on Sustainable Solid Waste Management, Scientific Congress, Rodos, Greece, Haziran 2024

Dilek F. B., The 2nd AP Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES),

Scientific Congress, Australia, Nisan 2024

Dilek F. B., 4th La Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES), Scientific Congress, Chile, Ocak 2024

Dilek F. B., 18th SDEWES Conference on Sustainable Development of Energy, Water and Environment Systems , Scientific Congress, Croatia, Eylül 2023

Dilek F. B., 10th International Conference on Sustainable Solid Waste Management, Scientific Congress, Hania, Greece, Haziran 2023

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Dilek F. B., Yetiş Ü., THESSALONIKI 2021, Scientific Congress, Greece, Haziran 2021

Dilek F. B., Duic N., Stadler I., Yetiş Ü., Kılış Ş., 15th Conference on Sustainable Development of Energy, Water and Environment Systems, Scientific Congress, Cologne, Germany, Eylül 2020

Dilek F. B., Duic N., Kupusovic T., Yetiş Ü., 4th SEE SDEWES conference, Scientific Congress, Sarajevo, Bosnia And Herzegovina, Temmuz 2020

Dilek F. B., Duic N., Stewart R., Yetiş Ü., 1st AP SDEWES conference Gold Coast, Scientific Congress, Australia, Nisan 2020

Dilek F. B., Duic N., 2nd Latin American SDEWES conference, 9 – 12 February 2020, Scientific Congress, Buenos Aires, Argentina, Şubat 2020

Dilek F. B., Duic N., Kılış Ş., 14th Conference on Sustainable Development of Energy, Water and Environment Systems, Scientific Congress, Dubrovnik, Croatia, Ekim 2019

Konstantinos M., Yetiş Ü., Dilek F. B., 7TH INTERNATIONAL CONFERENCE ON SUSTAINABLE SOLID WASTE MANAGEMENT, Scientific Congress, Greece, Haziran 2019

Mobility Activity

Post Doc, Post Doc, University of Newcastle Upon Tyne, England, 1993 - 1994

Metrics

Publication: 113

Citation (WoS): 2530

Citation (Scopus): 2928

H-Index (WoS): 30

H-Index (Scopus): 31

Non Academic Experience

MÜDEK, MAK üyesi

MÜDEK, Mühendislik Akreditasyon Kurulu (MAK) Başkanı

University of New Castle Upon Tyne, England, Ziyaretçi araştırmacı