

## **Prof. FİLİZ BENGÜ DİLEK**

### **Personal Information**

**Office Phone:** [+90 312 210 5877](tel:+903122105877)

**Fax Phone:** [+90 312 210 2646](tel:+903122102646)

**Email:** [fdilek@metu.edu.tr](mailto:fdilek@metu.edu.tr)

**Web:** <http://enve.metu.edu.tr/en/dilek>

**Address:** ODTÜ Çevre Mühendisliği Bölümü 06800 Ankara

### **Education Information**

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

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

Under Graduate, 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

### **Professional Experience**

Head of Department, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoteknoloji  
(Dr), 2013 - 2015

Head of Department, Middle East Technical University, Faculty of Engineering, Department of Environmental

Engineering, 2003 - 2006

Deputy Head of Department, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 1999 - 2003

Deputy Head of Department, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 1994 - 1998

## Courses

environmental pollution and ecology, Under Graduate, 2015 - 2016, 2016 - 2017

## Advising Theses

Akgül Ç., Dilek F. B. , Life Cycle Assessment (LCA) of Different Concrete Mixtures and an Application in a Green Building, Post Graduate, E.TÜKENMEZ(Student), 2019

Dilek F. B. , Yetiş Ü., Fate and removal of pesticides in wastewater treatment plants – case of yeşilirmak basin, Post Graduate, K.KOCAMAN(Student), 2019

DİLEK F. B. , Removal of chloridazon herbicide from wastewaters using FE/H2O2, UV/H2O2 AND UV/FE/H2O2, Post Graduate, H.BİKE(Student), 2019

Dilek F. B. , Yetiş Ü., Determination of groundwater threshold values: A methodology applied to gediz basin, Post Graduate, O.FATİH(Student), 2019

Dilek F. B. , Removal of imidacloprid from wastewaters by ozonation and photo-ozonation, Post Graduate, B.SÖNMEZ(Student), 2019

Dilek F. B. , Ünlü K., Estimation of diffuse pollution loads of pesticides in Tersakan sub-basin of Yeşilirmak river, Post Graduate, C.AYYILDIZ(Student), 2019

Dilek F. B. , Günkaya Z., Life cycle assessment (LCA) of a leed-certified green building using two different lca tools, Post Graduate, M.AYGENÇ(Student), 2019

Dilek F. B. , Yetiş Ü., The removal of aconifen from water by adsorption using carbon nanotubes, Post Graduate, P.YILMAZ(Student), 2019

DİLEK F. B. , Evaluating environmental impacts of a solvent recovery unit in a chemical factory by using life cycle assessment, Post Graduate, 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, Post Graduate, A.ECE(Student), 2016

Yetiş Ü., Dilek F. B. , Triclosan in biological wastewater treatment: Fate, kinetics and population dynamics aspects, Post Graduate, A.KOÇ(Student), 2014

YETİŞ Ü., DİLEK F. B. , Triclosan in biological wastewater treatment: fate, kinetics and population dynamics aspects /, Post Graduate, A.Koç(Student), 2014

Yetiş Ü., Dilek F. B. , Removal of triclosan from surface waters by ozonation: Kinetics and removal mechanism, Post Graduate, K.BERK(Student), 2014

YETİŞ Ü., DİLEK F. B. , Removal of triclosan from surface waters by ozonation: kinetics & removal mechanism/, Post Graduate, K.Berk(Student), 2014

DİLEK F. B. , Dilek F., Life cycle assessment in ferrous foundry industry, Post Graduate, Ç.Yiğit(Student), 2013

Yetiş Ü., Dilek F. B. , Investigation of occurrence and fate of biocides in wastewater treatment plants and surface waters, Post Graduate, M.YAVUZ(Student), 2013

DİLEK F. B. , YETİŞ Ü., Investigation of occurrence and fate of biocides in wastewater treatment plants and surface waters, Post Graduate, M.Yavuz(Student), 2013

Yetiş Ü., Dilek F. B. , Triclosan removal by nanofiltration from surface water, Post Graduate, A.ÖĞÜTVERİCİ(Student), 2013

DİLEK F. B. , Life cycle assessment in ferrous industry, Post Graduate, Ç.YİĞİT(Student), 2013

Yetiş Ü., Dilek F. B. , Comparison of sub-processes and final products of iron and steel production with life cycle

assessment, Post Graduate, G.ÖLMEZ(Student), 2011

DİLEK F. B. , Estimation of hazardous waste generation in selected sectors of Ostim OIZ, Ankara, Post Graduate, A.Kayabınar(Student), 2010

DİLEK F. B. , Estimation of hazardous waste generation in selected priority sectors of Ostim OIZ, Ankara, Post Graduate, A.KAYABINAR(Student), 2010

DİLEK F. B. , Aerobic biological treatment of opium alkaloid wastewater - effect of gamma radiation and fenton's oxidation as pretreatment, Post Graduate, C.BURAK(Student), 2008

DİLEK F. B. , A chemical substitution study for a wet processing textile mill in turkey, Post Graduate, E.ÖZTÜRK(Student), 2007

Sanin F. D. , Dilek F. B. , Recovery and Reuse of Waste Sludges, Post Graduate, 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. , An investigation of agricultural use potential of wastewater sludges in turkey with respect to heavy metals and pathogens, Post Graduate, G.ÖZSOY(Student), 2006

DİLEK F. B. , Anaerobic treatment of opium alkaloid wastewater and effect of gamma-rays on anaerobic treatment, Post Graduate, R.TUĞRUL(Student), 2006

DİLEK F. B. , Removing algae from stabilization pond effluents by using trickling filters, Post Graduate, D.Kaya(Student), 2005

DİLEK F. B. , Determination of THMFP of the reservoirs in Turkey: Kinetics aspect, Post Graduate, M.ARTUĞ(Student), 2004

DİLEK F. B. , Azo dye decolorization by phanerochaete chrysosporium, Post Graduate, Y.ERLER(Student), 2002

Yetiş Ü., Dilek F. B. , Enhanced coagulation of raw water of Ankara city, Post Graduate, E.ATLI(Student), 2002

Yetiş Ü., Dilek F. B. , Kinetic aspects of decolorization of pulp and paper industry wastewaters by algae, Doctorate, E.TARLAN(Student), 2001

DİLEK F. B. , Algal treatment of textile dyehouse wastewater, Post Graduate, E.ACUNER(Student), 2001

DİLEK F. B. , Toxicity and treatability of chlorophenols under aerobic and anoxic conditions, Post Graduate, E.ŞAHİNKAYA(Student), 2001

DİLEK F. B. , Integrated environmental management plan for Bursa, Post Graduate, A.ÜLKÜ(Student), 2001

DİLEK F. B. , Colour removal from pulp and paper industry wastewaters by using alum and clay, Post Graduate, Ş.BEŞE(Student), 1998

DİLEK F. B. , Decolorization of pulping effluents by algae, Post Graduate, M.HAKAN(Student), 1997

## **Jury Memberships**

Appointment Academic Staff, Appointment Academic Staff, Konya Teknik Üniversitesi, October, 2019

Appointment Academic Staff, Appointment Academic Staff, Boğaziçi Üniversitesi, July, 2019

Appointment Academic Staff, Appointment Academic Staff, Zonguldak Bülent Ecevit Üniversitesi, January, 2019

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

- I. **Occurrence of micropollutants in the Yesilirmak River Basin, Turkey**  
KÜÇÜK E., PİLEVNELİ T., Erguven G. O. , ASLAN S., Olgun E. O. , Canlı O., ÜNLÜ K., DİLEK F. B. , İPEK U., Avaz G., et al.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2021 (Journal Indexed in SCI)
- II. **Removal of chloridazon pesticide from waters by Fenton and photo-Fenton processes**  
Ulu H. B. , DEĞERMENCİ N., DİLEK F. B.  
DESALINATION AND WATER TREATMENT, vol.194, pp.429-438, 2020 (Journal Indexed in SCI)
- III. **Imidacloprid elimination by O-3 and O-3/UV: kinetics study, matrix effect, and mechanism insight**  
Baghizade B. S. , YETİŞ Ü., DİLEK F. B.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, 2020 (Journal Indexed in SCI)

- IV. **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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI Expanded)
- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **Use of theoretical waste inventories in planning and monitoring of hazardous waste management systems**  
Yılmaz 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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)

- XX. **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 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)
- XXIII. **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 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **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 (Journal Indexed in SCI)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)
- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **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 (Journal Indexed in SCI)
- XXXII. **Importance of H<sub>2</sub>O<sub>2</sub>/Fe<sup>2+</sup> 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 (Journal Indexed in SCI)
- XXXIII. **Use of Fenton oxidation to improve the biodegradability of a pharmaceutical wastewater**  
Tekin H., BİLKAY 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 (Journal Indexed in SCI)
- XXXIV. **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 (Journal Indexed in SCI)
- XXXV. **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 (Journal Indexed in SCI Expanded)
- XXXVI. **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 (Journal Indexed in SCI)
- XXXVII. **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 (Journal Indexed in SCI)
- XXXVIII. **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 (Journal Indexed in SCI)
- XXXIX. **Treatment of Tectilon Yellow 2G by *Chlorella vulgaris***  
EBRU a., DİLEK F. B.  
Process Biochemistry, pp.623-631, 2004 (Journal Indexed in SSCI)
- XL. **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 (Journal Indexed in SCI)
- XLI. **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 (Journal Indexed in SCI)
- XLII. **Effects of 2,4-dichlorophenol on activated sludge**  
ŞAHİNKAYA E., Dilek F. B.  
APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, vol.59, pp.361-367, 2002 (Journal Indexed in SCI)
- XLIII. **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 (Journal Indexed in SCI)
- XLIV. **Ni(II) biosorption by *Polyporous versicolor***  
DİLEK F. B. , Erbay A., YETİŞ Ü.  
Process Biochemistry, vol.37, no.7, pp.723-726, 2002 (Journal Indexed in SCI)
- XLV. **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 (Journal Indexed in SCI)
- XLVI. **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 (Journal Indexed in SCI)
- XLVII. **Microbial solubilization of lignites**  
Gokcay C. F. , Kolankaya N., Dilek F. B.  
Fuel, vol.80, no.10, pp.1421-1433, 2001 (Journal Indexed in SCI)
- XLVIII. **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 (Journal Indexed in SCI)
- XLIX. **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 (Journal Indexed in SCI)
- L. **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 (Journal Indexed in SCI)

- LI. 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 (Journal Indexed in SCI)
- LII. 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 (Journal Indexed in SCI)
- LIII. 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 (Journal Indexed in SCI)
- LIV. 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 (Journal Indexed in SCI)
- LV. 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 (Journal Indexed in SCI)
- LVI. TREATMENT OF EFFLUENTS FROM HEMP-BASED PULP AND PAPER-INDUSTRY .1. WASTE CHARACTERIZATION AND PHYSICO-CHEMICAL TREATABILITY**  
DİLEK F. B. , celal ferdi g.  
WATER SCIENCE AND TECHNOLOGY, vol.29, no.9, pp.161-163, 1994 (Journal Indexed in SCI)
- LVII. Effects of heavy metals on activated sludge process**  
DİLEK F. B. , YETİŞ Ü.  
Water Science And Technology, vol.26, pp.801-813, 1992 (Journal Indexed in SCI Expanded)
- LVIII. EFFECTS OF CU(II) ON A CHEMOSTAT CONTAINING ACTIVATED-SLUDGE**  
DİLEK F. B. , GOKCAY C. F. , YETİŞ Ü.  
ENVIRONMENTAL TECHNOLOGY, vol.12, no.11, pp.1007-1016, 1991 (Journal Indexed in SCI)
- LIX. Effects of nickel, chromium and initial feed concentration on the batch growth of a microbial consortium developed from sewage**  
Gökçay C. F. , Dilek F. B.  
Environmental Technology (United Kingdom), vol.12, no.1, pp.1-11, 1991 (Journal Indexed in SCI)

## **Books & Book Chapters**

- I. Radiation Induced Treatment of Organic Pollutants**  
ERGUN E., KANTOĞLU Ö., İNCE M., ERGUDER T. H. , DİLEK F. B.  
in: Radiation Treatment of Wastewater for Reuse with Particular Focus on Wastewaters Containing Organic Pollutants, , Editor, International Atomic Energy Agency, Vienna, pp.180-191, 2018
- II. Su Kaynaklarında Kirlenme**  
YETİŞ Ü., DİLEK F. B.  
in: Su Kaynaklarında Kirlenme ve İçme Suyu Arıtımı, , Editor, TODAİE, Ankara, pp.1-19, 1997

## **Refereed Congress / Symposium Publications in Proceedings**

- I. Removal of Dicofol and Irgarol from Wastewater using Reverse Osmosis**  
ATEŞ N., UZAL N., YETİŞ Ü., DİLEK F. B.  
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- II. **Occurrence of micropollutants in the industrial wastewaters discharged to Yeşilirmak and Nilüfer Rivers in Turkey**  
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