

Prof. Emine Çokgör

Personal Information

Fax Phone: [+90 212 285 6545](tel:+902122856545)

Email: ubay@itu.edu.tr

Web: <http://akademi.itu.edu.tr/ubay/>

Address: İTÜ İnşaat Fakültesi Çevre Mühendisliği Bölümü 34469 Maslak İstanbul

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Bilimleri Ve Mühendisliği (Dr), Turkey 1991 - 1997

Postgraduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (YI) (Tezli), Turkey 1989 - 1991

Undergraduate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1984 - 1989

Dissertations

Doctorate, Aerobik Sistemlerde Proses Stokiyometrisi ve Kinetiğinin Respirometrik Olarak Değerlendirilmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre, 1997

Postgraduate, Seyreltik Atıksuların Havasız Arıtımı, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre, 1991

Research Areas

Technical Sciences, Environmental Engineering, Environmental Technology, Water Pollution and Control

Academic Titles / Tasks

Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2009 - Continues

Associate Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2003 - 2009

Assistant Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 1998 - 2003

Research Assistant, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 1989 - 1998

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

- I. **Insights into the acute effect of anti-inflammatory drugs on activated sludge systems with high solids retention time**
Ciftcioglu B., Demirkaya E., Salih E., Soylu D., Özyıldız G., Zengin Balcı G. E. , Guven D., Topuz E., Pala Özkök I., Insel G., et al.
ENVIRONMENTAL TECHNOLOGY, vol.42, no.25, pp.3920-3931, 2021 (Journal Indexed in SCI)
- II. **Anatomy of the organic carbon in an industrial wastewater: Implications of particle size distribution, respirometry and process modelling**
Doğruel S., Altun A., Çokgör E., Insel G., KESKİNLER B., Orhon D.
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.146, pp.257-266, 2021 (Journal Indexed in SCI)
- III. **Comparative Analysis of Bacterial and Archaeal Community Structure in Microwave Pretreated Thermophilic and Mesophilic Anaerobic Digesters Utilizing Mixed Sludge under Organic Overloading**

Kor-Bicakci G., Çokgör E., Eskicioglu C.

WATER, vol.12, no.3, 2020 (Journal Indexed in SCI)

- IV. **Impact of ultrasonic pre-treatment on domestic sludge digestion performance and microbial community dynamics**
Zengin G. E. , Pala-Ozkok I., Okutman Taş D., Gömeç Ç., Altınbaş M., Çokgör E.
ENVIRONMENTAL TECHNOLOGY, vol.41, no.7, pp.931-943, 2020 (Journal Indexed in SCI)
- V. **Occurrence and fate of antimicrobial triclocarban and its transformation products in municipal sludge during advanced anaerobic digestion using microwave pretreatment**
Kor-Bicakci G., Abbott T., Çokgör E., Eskicioglu C.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.705, 2020 (Journal Indexed in SCI)
- VI. **Determination of the potential of pickle wastewater as feedstock for biopolymer production**
Guventurk A., Ozturk D., Özyıldız G., Ayisigi E., Guven D., Zengin G. E. , Tas D., Olmez-Hanci T., Pala-Ozkok I., Yağcı N., et al.
WATER SCIENCE AND TECHNOLOGY, vol.81, no.1, pp.21-28, 2020 (Journal Indexed in SCI)
- VII. **Occurrence of the Persistent Antimicrobial Triclosan in Microwave Pretreated and Anaerobically Digested Municipal Sludges under Various Process Conditions**
Kor-Bicakci G., Abbott T., Çokgör E., Eskicioglu C.
MOLECULES, vol.25, no.2, 2020 (Journal Indexed in SCI)
- VIII. **Respirometric evaluation and modeling of the impact of continuous benzo[a]anthracene feeding on activated sludge**
Basak S., Guven D., Çokgör E., Orhon D.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.94, no.8, pp.2621-2629, 2019 (Journal Indexed in SCI)
- IX. **Kinetic and microbial response of activated sludge community to acute and chronic exposure to tetracycline**
Pala Özkök İ., Ubay-Cokgor E., Jonas D., Orhon D.
JOURNAL OF HAZARDOUS MATERIALS, vol.367, pp.418-426, 2019 (Journal Indexed in SCI)
- X. **Effect of dewatered sludge microwave pretreatment temperature and duration on net energy generation and biosolids quality from anaerobic digestion**
Kor Bıçakcı G., Ubay-Cokgor E., Eskicioglu C.
ENERGY, vol.168, pp.782-795, 2019 (Journal Indexed in SCI)
- XI. **Microbial endogenous response to acute inhibitory impact of antibiotics.**
PALA-OZKOK I., KOR-BICAKCI G., Çokgör E., JONAS D., ORHON D.
Environmental technology, vol.39, pp.1626-1637, 2018 (Journal Indexed in SCI)
- XII. **Chronic impact of sulfamethoxazole: how does process kinetics relate to metabolic activity and composition of enriched nitrifying microbial culture?**
Katipoglu-Yazan T., Ubay-Cokgor E., Orhon D.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.93, no.6, pp.1722-1732, 2018 (Journal Indexed in SCI)
- XIII. **Membrane integrated process for advanced treatment of high strength Opium Alkaloid wastewaters**
INSEL G., Karagunduz A., Aksel M., Çokgör E., KOR-BICAKCI G., Özyıldız G., Toröz İ., Keskinler B.
WATER SCIENCE AND TECHNOLOGY, vol.77, no.7, pp.1899-1908, 2018 (Journal Indexed in SCI)
- XIV. **Dynamic modeling of nutrient removal by a MBR operated at elevated temperatures**
SARIOGLU M., SAYI-UCAR N., Cokgor E., ORHON D., van L., INSEL G.
WATER RESEARCH, vol.123, pp.420-428, 2017 (Journal Indexed in SCI)
- XV. **Impact of paint shop decanter effluents on biological treatability of automotive industry wastewater**
GUVEN D., HANHAN O., AKSOY E. C. , Insel G., Çokgör E.
JOURNAL OF HAZARDOUS MATERIALS, vol.330, pp.61-67, 2017 (Journal Indexed in SCI)
- XVI. **IMPACT OF SYNTHETIC ESTROGEN 17 ALPHAETHINYLESTRADIOL ON CARBON REMOVAL KINETICS**
Çokgör E., Alanyalı B., Topuz E., Zengin Balcı G. E. , Okutman Taş D., İskender F. G.
FRESENIUS ENVIRONMENTAL BULLETİN, vol.26, pp.453-457, 2017 (Journal Indexed in SSCI)

- XVII. **EVALUATION OF WATER REUSE IN A METAL FINISHING INDUSTRY**
INSEL G., Gümüşlü E., Yuksek G., UCAR N. S. , Cokgor E., OLMEZ-HANCI T., TAS D., BABUNA F. F. , ERTEM D. F. , OkmenYildirim O., et al.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.421-425, 2017 (Journal Indexed in SCI)
- XVIII. **Simultaneous nitrate and perchlorate removal from groundwater by heterotrophic-autotrophic sequential system**
Ucar D., Cokgor E., ŞAHİNKAYA E., CETIN U., Bereketoglu C., Calimlioglu B., Goncu B., Yurtsever A.
INTERNATIONAL BIODETERIORATION & BIODEGRADATION, vol.116, pp.83-90, 2017 (Journal Indexed in SCI)
- XIX. **IMPACT OF SYNTHETIC ESTROGEN 17 ALPHA-ETHINYLESTRADIOL ON CARBON REMOVAL KINETICS**
Çokgör E., Alanyali B., Topuz E., Zengin Balci G. E. , Okutman Taş D., İskender F. G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.453-457, 2017 (Journal Indexed in SCI)
- XX. **Effect of eco-friendly production technologies on wastewater characterization and treatment plant performance**
Yukse G., TAS D., Çokgör E., INSEL G., KIRCI B., ERTURAN O.
DESALINATION AND WATER TREATMENT, vol.57, no.57, pp.27924-27933, 2016 (Journal Indexed in SCI)
- XXI. **Chronic impact of sulfamethoxazole on the metabolic activity and composition of enriched nitrifying microbial culture**
Katipoglu-Yazan T., MERLIN C., PONS M., UBAY-COKGOR E., ORHON D.
WATER RESEARCH, vol.100, pp.546-555, 2016 (Journal Indexed in SCI)
- XXII. **Kinetic evaluation of nitrification performance in an immobilized cell membrane bioreactor**
Güven D., Çokgör E., Sözen S., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.73, no.12, pp.2904-2912, 2016 (Journal Indexed in SCI)
- XXIII. **Simultaneous nitrate and perchlorate reduction using sulfur-based autotrophic and heterotrophic denitrifying processes**
Ucar D., Cokgor E., ŞAHİNKAYA E.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.91, no.5, pp.1471-1477, 2016 (Journal Indexed in SCI)
- XXIV. **Is the chronic impact of sulfamethoxazole different for slow growing culture? The effect of culture history**
Kor-Bicakci G., PALA-OZKOK I., URAL A., JONAS D., ORHON D., UBAY-COKGOR E.
BIORESOURCETECHNOLOGY, vol.206, pp.65-76, 2016 (Journal Indexed in SCI)
- XXV. **Evaluation of nitrate and perchlorate reduction using sulfur-based autotrophic and mixotrophic denitrifying processes**
Ucar D., Cokgor E., ŞAHİNKAYA E.
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.16, no.1, pp.208-218, 2016 (Journal Indexed in SCI)
- XXVI. **Heterotrophic-autotrophic sequential system for reductive nitrate and perchlorate removal**
Ucar D., Cokgor E., ŞAHİNKAYA E.
ENVIRONMENTAL TECHNOLOGY, vol.37, no.2, pp.183-191, 2016 (Journal Indexed in SCI)
- XXVII. **Comparison of Energy Efficiencies for Advanced Anaerobic Digestion, Incineration, and Gasification Processes in Municipal Sludge Management**
Gorgec A. G. , INSEL G., Yagci N., Dogru M., Erdinçler A., Sanin D., Filibeli A., KESKINLER B., Cokgor E.
JOURNAL OF RESIDUALS SCIENCE & TECHNOLOGY, vol.13, no.1, pp.57-64, 2016 (Journal Indexed in SCI)
- XXVIII. **Acute impact of tetracycline on the utilization of acetate by activated sludge sustained under different growth conditions**
Kor-Bicakci G., UBAY-COKGOR E., ORHON D.
BIORESOURCETECHNOLOGY, vol.198, pp.157-164, 2015 (Journal Indexed in SCI)
- XXIX. **Long-term study on the impact of temperature on enhanced biological phosphorus and nitrogen removal in membrane bioreactor**
Sayı-Ucar N., SARIOGLU M., INSEL G., Çokgör E., ORHON D., VAN LOOSDRECHT M. C. M.
WATER RESEARCH, vol.84, pp.8-17, 2015 (Journal Indexed in SCI)
- XXX. **Impact of the Anoxic Volume Ratio on the Dynamics of Biological Nitrogen Removal Under Extended**

Aeration Conditions

Insel G., COKGOR E., TAS D., Sözen S., ORHON D.

WATER AIR AND SOIL POLLUTION, vol.226, no.11, 2015 (Journal Indexed in SCI)

- XXXI. **Chronic impact of tetracycline on nitrification kinetics and the activity of enriched nitrifying microbial culture**
KATIPOGLU-YAZAN T., MERLIN C., PONS M., Ubay-Cokgor E., Orhon D.
WATER RESEARCH, vol.72, pp.227-238, 2015 (Journal Indexed in SCI)
- XXXII. **Modeling sequential ammonia oxidation kinetics in enriched nitrifying microbial culture**
Katipoglu-Yazan T., Cokgor E., ORHON D.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.90, no.1, pp.72-79, 2015 (Journal Indexed in SCI)
- XXXIII. **Effect of extended aeration on the fate of particulate components in sludge stabilization**
Ozdemir S., Çokgör E., INSEL G., ORHON D.
BIORESOURCETECHNOLOGY, vol.174, pp.88-94, 2014 (Journal Indexed in SCI)
- XXXIV. **Extent of endogenous decay and microbial activity in aerobic stabilization of biological sludge**
OZDEMIR S., UCAR D., Cokgoer E., Orhon D.
DESALINATION AND WATER TREATMENT, vol.52, pp.6356-6362, 2014 (Journal Indexed in SCI)
- XXXV. **Pyrosequencing reveals the inhibitory impact of chronic exposure to erythromycin on activated sludge bacterial community structure**
PALA-OZKOK I., REHMAN A., Ubay-Cokgor E., JONAS D., Orhon D.
BIOCHEMICAL ENGINEERING JOURNAL, vol.90, pp.195-205, 2014 (Journal Indexed in SCI)
- XXXVI. **Scientific basis of dissolved organic carbon limitation for landfilling of municipal treatment sludge - Is it attainable and justifiable?**
Sözen S., Çokgör E., INSEL G., TAS D., DULKADIROGLU H., KARACA C., Filibeli A., Meric S., ORHON D.
WASTE MANAGEMENT, vol.34, no.9, pp.1657-1666, 2014 (Journal Indexed in SCI)
- XXXVII. **Chronic impact of sulfamethoxazole on acetate utilization kinetics and population dynamics of fast growing microbial culture**
KOR-BICAKCI G., PALA-OZKOK I., REHMAN A., JONAS D., Ubay-Cokgor E., ORHON D.
BIORESOURCETECHNOLOGY, vol.166, pp.219-228, 2014 (Journal Indexed in SCI)
- XXXVIII. **Modeling the fate of particulate components in aerobic sludge stabilization - Performance limitations**
Ozdemir S., Çokgör E., ORHON D.
BIORESOURCETECHNOLOGY, vol.164, pp.315-322, 2014 (Journal Indexed in SCI)
- XXXIX. **Effect of high loading on substrate utilization kinetics and microbial community structure in super fast submerged membrane bioreactor**
Sözen S., Çokgör E., BASARAN S. T. , AYSEL M., AKARSUBASI A., ERGAL I., Kurt H., PALA-OZKOK I., ORHON D.
BIORESOURCETECHNOLOGY, vol.159, pp.118-127, 2014 (Journal Indexed in SCI)
- XL. **Regulatory Framework in Sludge Management: Examples from Around the World**
SANİN F. D. , Filibeli A., Erdinçler A., Çokgör E., Kentel E., Ayol A., Alagoz A., PEHLIVANOGLU-MANTAS E., SENER G., SAYGILI G.
JOURNAL OF RESIDUALS SCIENCE & TECHNOLOGY, vol.11, no.2, pp.49-54, 2014 (Journal Indexed in SCI)
- XLI. **Kinetic characterization of acetate utilization and response of microbial population in super fast membrane bioreactor**
Basaran S. T. , AYSEL M., Kurt H., ERGAL I., AKARSUBASI A., Yağcı N., Doğruel S., Çokgör E., Keskinler B., Sözen S., et al.
JOURNAL OF MEMBRANE SCIENCE, vol.455, pp.392-404, 2014 (Journal Indexed in SCI)
- XLII. **Impact of aerobic stabilization on the characteristics of treatment sludge in the leather tanning industry**
Cokgor E., AYDINLI E., TAS D., ZENGIN G. E. , ORHON D.
ENVIRONMENTAL TECHNOLOGY, vol.35, no.6, pp.719-726, 2014 (Journal Indexed in SCI)
- XLIII. **Biodegradation characteristics and size fractionation of landfill leachate for integrated membrane treatment**

Insel G., DAGDAR M., DOGRUEL S., Dizge N., Cokgor E., Keskinler B.

JOURNAL OF HAZARDOUS MATERIALS, vol.260, pp.825-832, 2013 (Journal Indexed in SCI)

- XLIV. **Effect of sludge age on population dynamics and acetate utilization kinetics under aerobic conditions**
PALA-OZKOK I., REHMAN A., KOR-BICAKCI G., URAL A., SCHILHABEL M. B. , Ubay-Cokgor E., JONAS D., Orhon D.
BIORESOURCETECHNOLOGY, vol.143, pp.68-75, 2013 (Journal Indexed in SCI)
- XLV. **Acute impact of erythromycin and tetracycline on the kinetics of nitrification and organic carbon removal in mixed microbial culture**
Katipoglu-Yazan T., PALA-OZKOK I., UBAY-COKGOR E., ORHON D.
BIORESOURCETECHNOLOGY, vol.144, pp.410-419, 2013 (Journal Indexed in SCI)
- XLVI. **Current Situation and Future Perspectives in Municipal Wastewater Treatment and Sludge Management in Turkey**
INSEL G., Kendir E., Ayol A., Erdinçler A., Arıkan O. A. , İMAMOĞLU İ., Alagoz B. A. , GENCSOY E. B. , SANİN F. D. , Buyukkamaci N., et al.
JOURNAL OF RESIDUALS SCIENCE & TECHNOLOGY, vol.10, no.3, pp.133-138, 2013 (Journal Indexed in SCI)
- XLVII. **Integrated watershed management efforts: case study from Melen Watershed experiencing interbasin water transfer**
Öztürk İ., ERTURK A., Ekdal A., Gürel M., Çokgör E., INSEL G., PEHLIVANOGLU-MANTAS E., OZABALI A., Tanık A. G.
WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, vol.13, no.5, pp.1272-1280, 2013 (Journal Indexed in SCI)
- XLVIII. **Modeling of simultaneous growth and storage kinetics variation under unsteady feast conditions for aerobic heterotrophic biomass**
Insel G., YAVASBAY A., OZCAN O. Y. , Cokgor E.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.35, no.8, pp.1445-1454, 2012 (Journal Indexed in SCI)
- XLIX. **Acute effect of benzo[a]anthracene on the biodegradation of peptone under aerobic conditions**
Basak S., Cokgor E., INSEL G., ORHON D.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.19, no.8, pp.3412-3420, 2012 (Journal Indexed in SCI)
- L. **Is ammonification the rate limiting step for nitrification kinetics?**
Katipoglu-Yazan T., Cokgor E., INSEL G., ORHON D.
BIORESOURCETECHNOLOGY, vol.114, pp.117-125, 2012 (Journal Indexed in SCI)
- LI. **Effect of stabilization on biomass activity**
Cokgor E., TAS D., ZENGIN G. E. , INSEL G.
JOURNAL OF BIOTECHNOLOGY, vol.157, no.4, pp.547-553, 2012 (Journal Indexed in SCI)
- LII. **Are standard wastewater treatment plant design methods suitable for any municipal wastewater?**
Insel G., GUDER B., GUNES G., Çokgör E.
WATER SCIENCE AND TECHNOLOGY, vol.66, no.2, pp.328-335, 2012 (Journal Indexed in SCI)
- LIII. **Effect of sludge age on simultaneous nitrification and denitrification in membrane bioreactor**
Hocaoglu S. M. , INSEL G., Çokgör E., ORHON D.
BIORESOURCETECHNOLOGY, vol.102, no.12, pp.6665-6672, 2011 (Journal Indexed in SCI)
- LIV. **Is the naphthalene sulfonate H-acid biodegradable in mixed microbial cultures under aerobic conditions?**
Olmez-Hanci T., Arslan-Alaton I., ORHON D., Karahan Ö., Çokgör E., Insel G.
BIORESOURCETECHNOLOGY, vol.102, no.10, pp.5589-5595, 2011 (Journal Indexed in SCI)
- LV. **Effect of low dissolved oxygen on simultaneous nitrification and denitrification in a membrane bioreactor treating black water**
Hocaoglu S. M. , INSEL G., Çokgör E., ORHON D.
BIORESOURCETECHNOLOGY, vol.102, no.6, pp.4333-4340, 2011 (Journal Indexed in SCI)
- LVI. **Modelling the effect of biomass induced oxygen transfer limitations on the nitrogen removal performance of membrane bioreactor**
INSEL G., HOCAOGLU S. M. , Çokgör E., Orhon D.
JOURNAL OF MEMBRANE SCIENCE, vol.368, pp.54-63, 2011 (Journal Indexed in SCI)
- LVII. **Respirometric assessment of substrate binding by antibiotics in peptone biodegradation**

- Ozkok I. P. , YAZAN T. K. , Cokgor E., INSEL G., TALINLI I., ORHON D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES &
ENVIRONMENTAL ENGINEERING, vol.46, no.13, pp.1588-1597, 2011 (Journal Indexed in SCI)
- LVIII. **Biodegradation kinetics of peptone and 2,6-dihydroxybenzoic acid by acclimated dual microbial culture**
Cokgor E., INSEL G., KATIPOGLU T., Orhon D.
BIORESOURCETECHNOLOGY, vol.102, no.2, pp.567-575, 2011 (Journal Indexed in SCI)
- LIX. **Pollution profile and biodegradation characteristics of fur-suede processing effluents**
Tore G. Y. , Insel G., Çokgör E., FERLIER E., Kabdasli I., ORHON D.
ENVIRONMENTAL TECHNOLOGY, vol.32, no.10, pp.1151-1162, 2011 (Journal Indexed in SCI)
- LX. **COD fractionation and biodegradation kinetics of segregated domestic wastewater: black and grey water fractions**
Hocaoglu S. M. , INSEL G., Cokgor E., BABAN A., ORHON D.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.85, no.9, pp.1241-1249, 2010 (Journal Indexed in SCI)
- LXI. **Fate of 2,6-dihydroxybenzoic acid and its inhibitory impact on the biodegradation of peptone under aerobic conditions**
Orhon D., Cokgor E., KATIPOGLU T., INSEL G., KARAHAN Ö.
BIORESOURCETECHNOLOGY, vol.101, no.8, pp.2665-2671, 2010 (Journal Indexed in SCI)
- LXII. **Biodegradation kinetics of 2,6-dihydroxybenzoic acid and peptone mixture by acclimated microbial culture at low sludge age**
KATIPOGLU T., Çokgör E., INSEL G., Orhon D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES &
ENVIRONMENTAL ENGINEERING, vol.45, no.14, pp.1885-1891, 2010 (Journal Indexed in SCI)
- LXIII. **Response of mixed microbial culture to 2,6-dihydroxybenzoic acid and peptone mixture at low sludge age-effect of culture history**
KATIPOGLU T., Çokgör E., Insel G., ORHON D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES &
ENVIRONMENTAL ENGINEERING, vol.45, no.7, pp.875-882, 2010 (Journal Indexed in SCI)
- LXIV. **Validity of Monod kinetics at different sludge ages - Peptone biodegradation under aerobic conditions**
Orhon D., Cokgor E., INSEL G., KARAHAN Ö., KATIPOGLU T.
BIORESOURCETECHNOLOGY, vol.100, no.23, pp.5678-5686, 2009 (Journal Indexed in SCI)
- LXV. **Respirometric evaluation of a mixture of organic chemicals with different biodegradation kinetics**
Cokgor E., INSEL G., AYDIN E., ORHON D.
JOURNAL OF HAZARDOUS MATERIALS, vol.161, no.1, pp.35-41, 2009 (Journal Indexed in SCI)
- LXVI. **Influence of pH and temperature on soluble substrate generation with primary sludge fermentation**
Cokgor E., OKTAY S., TAS D., ZENGİN G. E. , ORHON D.
BIORESOURCETECHNOLOGY, vol.100, no.1, pp.380-386, 2009 (Journal Indexed in SCI)
- LXVII. **Respirometric evaluation of biodegradation characteristics of dairy wastewater for organic carbon removal**
Çokgör E., Sözen S., Insel G., ORHON D.
ENVIRONMENTAL TECHNOLOGY, vol.30, no.11, pp.1169-1176, 2009 (Journal Indexed in SCI)
- LXVIII. **ENHANCED POLYHYDROXYALKANOATE PRODUCTION BY Paracoccus pantotrophus FROM GLUCOSE AND MIXED SUBSTRATE**
UCISIK-AKKAYA E., ERCAN O., YESILADALI S. K. , OZTURK T., Ubay-Cokgor E., Orhon D., TAMERLER C., Çakar Z. P.
FRESenius ENVIRONMENTAL BULLETIN, vol.18, no.11, pp.2013-2022, 2009 (Journal Indexed in SCI)
- LXIX. **The effect of mixing pharmaceutical and tannery wastewaters on the biodegradation characteristics of the effluents**
Cokgor E., KARAHAN Ö., ORHON D.
JOURNAL OF HAZARDOUS MATERIALS, vol.156, pp.292-299, 2008 (Journal Indexed in SCI)

- LXX. **Biodegradation kinetics of the soluble slowly biodegradable substrate in polyamide carpet finishing wastewater**
Yildiz G., INSEL G., Cokgor E., ORHON D.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.83, no.1, pp.34-40, 2008 (Journal Indexed in SCI)
- LXXI. **Integrated photochemical and biological treatment of a commercial textile surfactant: Process optimization, process kinetics and COD fractionation**
ARSLAN-ALATON I., Cokgor E., KOBAN B.
JOURNAL OF HAZARDOUS MATERIALS, vol.146, no.3, pp.453-458, 2007 (Journal Indexed in SCI)
- LXXII. **Effect of photochemical pre-treatment on COD fractionation of a non-ionic textile surfactant**
Cokgor E., ARSLAN-ALATON I., ERDINC E., INSEL G., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.55, no.10, pp.155-163, 2007 (Journal Indexed in SCI)
- LXXIII. **Critical appraisal of respirometric methods for metal inhibition on activated sludge**
Cokgor E., WDEMIR S., KARAHAN Ö., INSEL G., ORHON D.
JOURNAL OF HAZARDOUS MATERIALS, vol.139, no.2, pp.332-339, 2007 (Journal Indexed in SCI)
- LXXIV. **Respirometric assessment of biodegradation for acrylic fibre-based carpet finishing wastewaters**
Yildiz G., INSEL G., Cokgor E., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.55, no.10, pp.99-106, 2007 (Journal Indexed in SCI)
- LXXV. **Substrate storage concepts in modeling activated sludge systems for tannery wastewaters**
DIZDAROGLU-RISVANOGLU G., KARAHAN Ö., Cokgor E., ORHON D., VAN LOOSDRECHT M. C. M.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.42, no.14, pp.2159-2166, 2007 (Journal Indexed in SCI)
- LXXVI. **Effect of perozone on biodegradability and toxicity of a penicillin formulation effluent**
Cokgor E., KARAHAN Ö., ARSLAN-ALATON I., MERIC S., SARUHAN H., ORHON D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.41, no.9, pp.1887-1897, 2006 (Journal Indexed in SCI)
- LXXVII. **Unified basis for the respirometric evaluation of inhibition for activated sludge**
Insel G., KARAHAN Ö., OZDEMIR S., PALA L., KATIPOGLU T., Cokgor E., ORHON D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.41, no.9, pp.1763-1780, 2006 (Journal Indexed in SCI)
- LXXVIII. **Accumulation of polyhydroxyalkanoates by *Microlunatus phosphovorus* under various growth conditions**
Akar A., AKKAYA E., YESILADALI S., CELIKYILMAZ G., COKGOR E., TAMERLER C., ORHON D., Cakar Z. P.
JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY, vol.33, no.3, pp.215-220, 2006 (Journal Indexed in SCI)
- LXXIX. **Respirometric assessment of primary sludge fermentation products**
Cokgor E., ZENGİN G., TAS D., OKTAY S., RANDALL C., ORHON D.
JOURNAL OF ENVIRONMENTAL ENGINEERING, vol.132, no.1, pp.68-74, 2006 (Journal Indexed in SCI)
- LXXX. **The effect of temperature and sludge age on COD removal and nitrification in a moving bed sequencing batch biofilm reactor**
DULKADIROGLU H., Cokgor E., ARTAN N., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.51, no.11, pp.95-103, 2005 (Journal Indexed in SCI)
- LXXXI. **Effect of primary sludge fermentation products on mass balance for biological treatment**
Ubay-Cokgor E., OKTAY S., ZENGİN G., ARTAN N., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.51, no.11, pp.105-114, 2005 (Journal Indexed in SCI)
- LXXXII. **Biological treatability of raw and ozonated synthetic penicillin formulation effluent**
Cokgor E., KARAHAN Ö., Arslan-Alaton I., SARUHAN H., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.52, pp.89-96, 2005 (Journal Indexed in SCI)
- LXXXIII. **Evaluation of the performance of the Tyson Foods wastewater treatment plant for nitrogen removal**
Ubay-Cokgor E., RANDALL C., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.51, no.11, pp.159-166, 2005 (Journal Indexed in SCI)

- LXXXIV. **Biological treatability of raw and ozonated penicillin formulation effluent**
Cokgor E., ALATON I., KARAHAN Ö., DOGRUEL S., ORHON D.
JOURNAL OF HAZARDOUS MATERIALS, vol.116, pp.159-166, 2004 (Journal Indexed in SCI)
- LXXXV. **Effect of mixing on primary sludge fermentation products**
OKTAY S., Cokgor E., ZENGİN G., AKSİT E., ORHON D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.10, pp.1024-1027, 2004 (Journal Indexed in SCI)
- LXXXVI. **Effects of pH and substrate on the competition between glycogen and phosphorus accumulating organisms**
Cokgor E., YAGCI N., RANDALL C., ARTAN N., ORHON D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.39, no.7, pp.1695-1704, 2004 (Journal Indexed in SCI)
- LXXXVII. **Performance of a moving bed sequencing batch reactor for carbon and nutrient removal**
DULKADIROGLU H., ORHON D., Cokgor E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.10, pp.1028-1032, 2004 (Journal Indexed in SCI)
- LXXXVIII. **Biological treatability for meat processing effluent**
Cokgor E., SOZEN S., ORHON D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.10, pp.1020-1023, 2004 (Journal Indexed in SCI)
- LXXXIX. **Biodegradability improvement of penicillin formulation effluent by ozonation**
Cokgor E., Arslan-Alaton I., KARAHAN Ö., DOGRUEL S., ORHON D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.10, pp.1053-1056, 2004 (Journal Indexed in SCI)
- XC. **Decolourization and detoxification of reactive dye-bath effluents by ozonation**
Arslan-Alaton I., Cokgor E., Ongunsu I., AKAKINCI A., SAHİN A. D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.10, pp.1049-1052, 2004 (Journal Indexed in SCI)
- XCI. **Metabolic model for acetate uptake by a mixed culture of phosphate- and glycogen-accumulating organisms under anaerobic conditions**
Yagci N., Artan N., COKGOR E., RANDALL C., ORHON D.
BIOTECHNOLOGY AND BIOENGINEERING, vol.84, no.3, pp.359-373, 2003 (Journal Indexed in SCI)
- XCII. **The effects of diquat dibromide on biological wastewater treatment plants**
RANDALL C., Cokgor E., KISOGLU Z., PUNRATTANASIN W., ERDAL U., SRIWIRIYARAT T.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.38, no.10, pp.2453-2463, 2003 (Journal Indexed in SCI)
- XCIII. **Alternatives for upgrading the Wilderness Wastewater Treatment Plant for biological nutrient removal**
Cokgor E., RANDALL C.
WATER SCIENCE AND TECHNOLOGY, vol.48, pp.453-462, 2003 (Journal Indexed in SCI)
- XCIV. **Experimental assessment of optimum operation strategy for large industrial wastewater treatment plants - A case study**
ORHON D., Kabdasli I., Cokgor E., TUNAY O., ARTAN N.
ENVIRONMENTAL ENGINEERING SCIENCE, vol.19, no.1, pp.47-58, 2002 (Journal Indexed in SCI)
- XCv. **Modification and expansion of a pure oxygen WWTP for biological nutrient removal (BNR)**
RANDALL C., Cokgor E.
WATER SCIENCE AND TECHNOLOGY, vol.44, no.1, pp.167-172, 2001 (Journal Indexed in SCI)
- XCVI. **Performance and economics of BNR plants in the Chesapeake Bay Watershed, USA**
RANDALL C., Cokgor E.
WATER SCIENCE AND TECHNOLOGY, vol.41, no.9, pp.21-28, 2000 (Journal Indexed in SCI)
- XCvII. **Technological aspects of wastewater management in coastal tourist areas**
ORHON D., SOZEN S., GORGUN E., Cokgor E., ARTAN N.
WATER SCIENCE AND TECHNOLOGY, vol.39, no.8, pp.177-184, 1999 (Journal Indexed in SCI)
- XCvIII. **Characterization and modeling of activated sludge for tannery wastewater**
ORHON D., GENCELI E., Cokgor E.
WATER ENVIRONMENT RESEARCH, vol.71, no.1, pp.50-63, 1999 (Journal Indexed in SCI)

- XCIX. Biological treatability of poultry processing plant effluent - A case study**
Eremektar G., Cokgor E., Ovez S., Babuna F. F., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.40, no.1, pp.323-329, 1999 (Journal Indexed in SCI)
- C. Experimental basis for the hydrolysis of slowly biodegradable substrate in different wastewaters**
ORHON D., Cokgor E., SOZEN S.
WATER SCIENCE AND TECHNOLOGY, vol.39, no.1, pp.87-95, 1999 (Journal Indexed in SCI)
- CI. Anaerobic treatment of synthetic domestic wastewater**
Cokgor E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.7, pp.912-919, 1998 (Journal Indexed in SCI)
- CII. Dual hydrolysis model of the slowly biodegradable substrate in activated sludge systems**
Orhon D., Cokgor E., SOZEN S.
BIOTECHNOLOGY TECHNIQUES, vol.12, no.10, pp.737-741, 1998 (Journal Indexed in SCI)
- CIII. Respirometric analysis of activated sludge behaviour - I. Assessment of the readily biodegradable substrate**
Cokgor E., SOZEN S., ORHON D., HENZE M.
WATER RESEARCH, vol.32, no.2, pp.461-475, 1998 (Journal Indexed in SCI)
- CIV. Respirometric analysis of activated sludge behaviour - II. Heterotrophic growth under aerobic and anoxic conditions**
SOZEN S., Cokgor E., ORHON D., HENZE M.
WATER RESEARCH, vol.32, no.2, pp.476-488, 1998 (Journal Indexed in SCI)
- CV. The effect of chemical settling on the kinetics and design of activated sludge for tannery wastewaters**
ORHON D., SOZEN S., Cokgor E., GENCELI E.
WATER SCIENCE AND TECHNOLOGY, vol.38, pp.355-362, 1998 (Journal Indexed in SCI)
- CVI. Modelling of activated sludge for textile wastewaters**
Babuna F. F., ORHON D., Cokgor E., Insel G., YAPRAKLI B.
WATER SCIENCE AND TECHNOLOGY, vol.38, pp.9-17, 1998 (Journal Indexed in SCI)
- CVII. COD fractionation in wastewater characterization - The state of the art**
ORHON D., Cokgor E.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.68, no.3, pp.283-293, 1997 (Journal Indexed in SCI)
- CVIII. Monitoring of effluent water quality of SEKA Dalaman Pulp and Paper Industry**
UBAY G., Cokgor E., COKGOR S., Ozturk I.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.6, pp.208-213, 1997 (Journal Indexed in SCI)
- CIX. Characterization and COD fractionation of domestic wastewaters**
ORHON D., ATES E., SOZEN S., Cokgor E.
ENVIRONMENTAL POLLUTION, vol.95, no.2, pp.191-204, 1997 (Journal Indexed in SCI)
- CX. Modelling biological treatability for meat processing effluent**
Gorgun E., Cokgor E., ORHON D., Germirli F. F., Artan N.
WATER SCIENCE AND TECHNOLOGY, vol.32, no.12, pp.43-52, 1995 (Journal Indexed in SCI)
- CXI. Respirometric evaluation of the biodegradability of confectionary wastewaters**
ORHON D., YILDIZ G., Cokgor E., SOZEN S.
WATER SCIENCE AND TECHNOLOGY, vol.32, no.12, pp.11-19, 1995 (Journal Indexed in SCI)
- CXII. ASSESSMENT OF NITRIFICATION - DENITRIFICATION POTENTIAL OF ISTANBUL DOMESTIC WASTEWATERS**
ORHON D., SOZEN S., UBAYO E.
WATER SCIENCE AND TECHNOLOGY, vol.30, no.6, pp.21-30, 1994 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Mikrobiyal Biyopolimerler: Polihidroksialkanotların Biyoplastik Üretiminde Kullanımı Üzerine Genel Değerlendirme**
ÇOKGÖR E., PALA ÖZKÖK İ., GÜVEN D., ZENGİN BALCI G. E. , OKUTMAN TAŞ D., YAĞCI N., SAYI UÇAR N., ÖZYILDIZ G., İNSEL H. G.
Çevre Bilim ve Teknoloji, 2018 (National Non-Refereed Journal)
- II. **Assessment of Wastewater Reuse Potential for an Enamel Coating Industry.**
İnsel H. G. , Gümüşlü e., YÜKSEK G., Sayı Uçar N., Çokgör E., Ölmez Hancı T., Okutman Taş D., Babuna F. F. , derya F. E. , Yıldırım Ö., et al.
World Academy of Science, Engineering and Technology International Journal of Environmental, Chemical, Ecological, Geological and Geophysical Engineering, vol.10, no.3, pp.306-309, 2016 (Refereed Journals of Other Institutions)
- III. **Ön çökeltme çamuru fermentasyonunda pH'in çözünmüş besi maddesi oluşumuna etkisi**
Zengin Balcı G. E. , Okutman Taş D., Çokgör E., Orhon D.
İTÜ Dergisi/e, vol.19, pp.27-38, 2009 (National Refreed University Journal)
- IV. **Case studies from Turkey: Xenobiotic-containing industries, wastewater treatment and modeling**
Pehlivanoglu-Mantas E., Insel G., Karahan Ö., Çokgör E., ORHON D.
Water, Air, and Soil Pollution: Focus, vol.8, no.5-6, pp.519-528, 2008 (Refereed Journals of Other Institutions)
- V. **Ön Çökeltme Çamuru Fermentasyon Ürünlerinin Biyolojik Besi Maddesi Gideren Sistemlerde Kütle Dengesi Üzerine Etkisi**
Çokgör E., Oktay S., Okutman Taş D., Zengin Balcı G. E. , Artan N., Orhon D.
İTÜ Dergisi/e, vol.17, no.2, pp.37-47, 2007 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Occurrence and fate of endocrine disrupting antimicrobial triclocarban in municipal sludge during advanced anaerobic digestion using microwave pretreatment**
KOR BIÇAKCI G., timmoty a., ÇOKGÖR E., eskicioğlu ç.
7th International Conference on Sustainable Solid Waste Management, 26 - 28 June 2019
- II. **Acute effect of micropollutants on an activated sludge system with high sludge retention time operated as a sequencing batch reactor**
Çiftçioğlu B., Esmâ D., Salih E., Soylu D., ÖZYILDIZ G., ZENGİN BALCI G. E. , GÜVEN D., PALA ÖZKÖK İ., ÇOKGÖR E., OKUTMAN TAŞ D.
10th IWA International Symposium on Waste Management problems in Agro-Industries, Rhodos, Greece, 19 - 21 June 2019
- III. **Effect of Seed Biomass on Wastewater Treatment Performance**
Demirkaya E., Ünver H., Çiftçioğlu B., ÖZYILDIZ G., ZENGİN BALCI G. E. , PALA ÖZKÖK İ., ÇOKGÖR E., OKUTMAN TAŞ D.
4th International Conference on Recycling and Reuse, 24 - 26 October 2018
- IV. **Investigating inhibitory effect of anti-inflammatory pharmaceuticals on activated sludge**
Green M., Topuz E., YÜKSEK G., ÇOKGÖR E., OKUTMAN TAŞ D.
SETAC Europe 28th Annual Meeting, 13 - 17 May 2018
- V. **Aerobik Stabilizasyonda Partiküler Bileşenlerin Akıbeti**
KATIPOGLU YAZAN T., OZDEMİR S., Kor Bıçakçı G., PALA ÖZKÖK İ., ZENGİN BALCI G. E. , OKUTMAN TAŞ D., İNSEL H. G. , Orhon D., ÇOKGÖR E.
12. Ulusal Çevre Mühendisliği Kongresi, Ankara, Turkey, 5 - 07 October 2017
- VI. **Metal Son İşleme Sektörü: Pişirici Cihazlar İşletmesinde Boyahane Atıksularının Geri Kazanım Potansiyeline Bir Örnek**
GÜMÜŞLÜ E., İNSEL H. G. , ÖLMEZ HANCI T., BABUNA F. F. , OKUTMAN TAŞ D., ÇOKGÖR E., SAYI UÇAR N., ÖZYILDIZ G., YÜKSEK G., DİZGE N., et al.
12. Ulusal Çevre Mühendisliği Kongresi, Turkey, 5 - 07 October 2017

- VII. **Membran biyoreaktörlerde yüksek sıcaklığın ve çözülmüş oksijenin besi maddesi giderimi üzerine etkisinin modellenmesi**
SAYI UÇAR N., SARIOĞLU M., ÇOKGÖR E., ORHON D., İNSEL H. G.
MEMTEK 2017, 5. Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, Turkey, 21 - 23 September 2017
- VIII. **Chronic Inhibitor Effect of Diclofenac on Activated Sludge Systems**
CİVELEK YORUKLU H., OKUTMAN TAŞ D., topuz e., AYDIN E., ÇOKGÖR E., ZENGİN BALCI G. E.
10th Micropol Ecohazard Conference, Viyana, Austria, 16 - 21 September 2017
- IX. **Modelling Acute and Chronic Effect of Sulfamethoxazole on the Biodegradation Kinetics of Activated Sludge**
PALA ÖZKÖK İ., KATIPOĞLU YAZAN T., ÖLMEZ HANCI T., ÇOKGÖR E., ORHON D.
IWA 10th Micropol and Ecohazard Conference, Viyana, Austria, 17 - 20 September 2017
- X. **Chronic Inhibition Effect of Diclofenac on Activated Sludge Systems**
CİVELEK H., OKUTMAN TAŞ D., Topuz E., AYDIN E., ÇOKGÖR E., ZENGİN BALCI G. E.
10TH MICROPOL ECOHAZARD, 17 - 20 September 2017
- XI. **Estimating the Impact of Nutrient Emissions via Water Quality Modelling in the Melen Watershed**
Ertürk A., Gürel M., Ekdal A., Tavşan Ç., Şeker D. Z. , Çokgör E., İnsel H. G. , Pehlivanoğlu Mantaş E., Aydın E., Özgün H., et al.
11th International Conference on Diffuse Pollution and the 1st Joint Meeting of the IWA Diffuse Pollution and Urban Drainage Specialist Groups, Belo Horizonte, Brazil, 26 - 31 August 2007
- XII. **Impact of microwave pretreatment on anaerobic digestion of wastewater sludge and biosolids quality for land application**
KOR BIÇAKCI G., ÇOKGÖR E., ESKICIOGLU C.
IWA Specialist Conference on Sludge Management: SLUDGETECH 2017, London, Canada, 9 - 13 July 2017
- XIII. **The effect of wastewater reuse on product quality for an oven manufacturing plant**
İnsel H. G. , Gümüşlü e., Çokgör E., Ölmez Hancı T., Okutman Taş D., Babuna F. F. , ERTEM D. F. , Erturan O., DİZGE N.
Sixth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and to the SECOTOX Conference CEMEPE/SECOTOX, Thessaloniki, Greece, 25 - 30 June 2017
- XIV. **Effect of microwave irradiation temperature and holding time on municipal wastewater sludge disintegration**
KOR BIÇAKCI G., ÇOKGÖR E., ESKICIOGLU C.
2nd International Conference on Civil and Environmental Engineering (ICOCEE - Cappadocia - 2017), Nevşehir, Turkey, 8 - 10 May 2017
- XV. **Effect of microwave pretreatment on removal of triclosan during anaerobic digestion of wastewater treatment sludge**
KOR BIÇAKCI G., ABBOTT T., ÇOKGÖR E., ESKICIOGLU C.
WEFTEC 2017 - 90th Annual Technical Exhibition Conference, Chicago, Illinois, United States Of America, 30 September - 04 October 2017, vol.2017, pp.3062-3082
- XVI. **Wastewater Reuse Potential of Paint Operations in an Oven Manufacturing Plant**
Gümüşlü E., İnsel H. G. , Ölmez Hancı T., Babuna F. F. , Okutman Taş D., Çokgör E., Sayı Uçar N., Özyıldız G., Yüksek G., Fırat Ertem D., et al.
3rd International Conference on Recycling and Reuse, R&R 2016, İstanbul, Turkey, 28 - 30 September 2016, pp.244-249
- XVII. **Evaluation of Coupling Nitrogen Removal and Growth of Microalgae Using Domestic Wastewater the World Multidisciplinary Earth Sciences Symposium**
GÜREL M., OKUTMAN TAŞ D., İNSEL H. G. , PEHLIVANOĞLU MANTAŞ E., ÇOKGÖR E., İÇA T., Gençsoy E. B. , Movahedpour F., Görgün E., Özbaşaran M.
the World Multidisciplinary Earth Sciences Symposium- WMESS 2016, Prague, 5 - 09 September 2016
- XVIII. **Evaluation of Ultrasonication Effect on the Anaerobic Digestion of Domestic Sludge**
Okutman Taş D., Zengin Balci G. E. , Yüksek G., Onay I. B. , Çokgör E.
The World Multidisciplinary Earth Sciences Symposium – WMESS 2016, Prag, Czech Republic, 5 - 09 September 2016, pp.1

- XIX. **Evaluation of Coupling Nitrogen Removal and Growth of Microalgae Using Domestic Sewage**
Gürel M., Okutman-Tas D., İnsel G., Pehlivanoğlu Mantaş E., Çokgör E., Gençsoy E. B. , İÇA T., Movahedpour F., Görgün E., Özbaşaran M.
The World Multidisciplinary Earth Sciences Symposium – WMESS 2016, Prag, Czech Republic, 5 - 09 September 2016, pp.387
- XX. **Evaluation of Coupling Nitrogen Removal and Growth of Microalgae Using Domestic Wastewater**
GÜREL M., OKUTMAN TAŞ D., İNSEL H. G. , PEHLİVANOĞLU MANTAŞ E., ÇOKGÖR E., İÇA T., Gençsoy B., Movahedpour F., Görgün E., Özbaşaran M.
the World Multidisciplinary Earth Sciences Symposium- WMESS 2016, Prague, 5-9 September 2016, Czech Republic (Poster Presentation), Prague, Czech Republic, 5 - 09 September 2016
- XXI. **Mikroalglerin atıksulardan azot giderme potansiyelinin belirlenmesi Mikroalglerin Su Kalitesi ve Çevresel Uygulamaları Sektörel Semineri**
İNSEL H. G. , PEHLİVANOĞLU MANTAŞ E., GÜREL M., İÇA T., Gençsoy E. B. , Movahedpour F., Görgün E., OKUTMAN TAŞ D., ÇOKGÖR E., Özbaşaran M.
Mikroalglerin Su Kalitesi ve Çevresel Uygulamaları Sektörel Semineri, İstanbul, Turkey, 30 May 2016
- XXII. **Effect of Sludge Character and Minimization Techniques on Anaerobic Biodegradability.**
Çokgör E., Okutman Taş D., Gömeç Ç., Arıkan O. A. , Cifci D., Gencsoy E., Ekdal A., Ölmez Hancı T.
EurAsia Waste Management Symposium, İstanbul, Turkey, 2 - 04 May 2016, pp.310-319
- XXIII. **Modelling long term nutrient removal performance of Membrane Bioreactor at high temperatures**
Sarioğlu M., Uçar Sayı N., İNSEL H. G. , ÇOKGÖR E., Orhon D., Loosdrecht M.
5th IWA/WEF Wastewater Treatment Modelling Seminar, 2 - 06 April 2016
- XXIV. **Effect of Primary Settling on the Fate of Particulate Components in Aerobic Sludge Stabilization**
Özkök E., Özdemir S., ÇOKGÖR E., Orhon D., ARIKAN O. A.
3rd International Conference on Recycling and Reuse, 28 - 30 September 2016
- XXV. **Kinetic Evaluation of Biodegradability of Paint Shop Wastewater of a Bus Production Factory**
Güven D., Hanhan O., Aksoy E. c. , ÇOKGÖR E.
ICWEEM 2016: 18th International Conference on Water, Energy and Environmental Management, 24 - 26 March 2016
- XXVI. **Assessment of Wastewater Reuse Potential for an Enamel Coating Industry**
İNSEL H. G. , Gümüşlü E., YÜKSEK G., Sayı Uçar N., ÇOKGÖR E., ÖLMEZ HANCI T., OKUTMAN TAŞ D., BABUNA F. F. , Fırat Ertem D., Yıldırım Ö., et al.
18th International Conference on Water, Energy and Environmental Management, 24 - 25 March 2016
- XXVII. **Impact of synthetic estrogen 17 alpha- ethinylestradiol on carbon removal kinetics**
Çokgör E., Alanyalı B., Topuz E., Zengin Balcı G. E. , Okutman Taş D., İskender F. G.
18th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region
Mediterranean Scientific Association of Environmental Protection, MESAEF, Crete, Greece, 26 - 30 September 2015
- XXVIII. **Upgrade of a Large Scale Industrial WWTP for Enhanced Biological Phosphorus Removal**
İNSEL H. G. , Ketenci ö., ZENGİN BALCI G. E. , ÇOKGÖR E., Dold P.
WEFTEC, the Water Environment Federation's Annual Technical Exhibition and Conference, 28 - 30 September 2015
- XXIX. **Evaluation of Water Reuse in a Metal Finishing Industry**
İNSEL H. G. , gümüşlü e., YÜKSEK G., sayı uçar n., ÖLMEZ HANCI T., BABUNA F. F. , OKUTMAN TAŞ D., ÇOKGÖR E., erdem f., yıldırım o., et al.
18th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region
Mediterranean Scientific Association of Environmental Protection, 26 - 30 September 2015
- XXX. **Comparing the use of synthetic and domestic wastewater effluents for coupling nitrogen removal and chlorellavulgaris and scenedesmus dimorphus production**
İNSEL H. G. , PEHLİVANOĞLU MANTAŞ E., GÜREL M., İÇA T., Gençsoy E. B. , Movahedpour F., Görgün E., OKUTMAN TAŞ D., ÇOKGÖR E., Özbaşaran M.
18th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Creteil, France, 26 - 30 September 2015, pp.41

- XXXI. **Simultaneous Nitrate And Perchlorate Reduction in Mixotrophic Reactor**
UÇAR D., ÇOKGÖR E., ŞAHİNKAYA E.
the 3rd IWA Symposium on Lake and Reservoir Management at Mountain Lake Lodge in Pembroke, Virginia, 3 - 07 August 2015
- XXXII. **Environmental Effects and Possible Highway Applications of Electric Arc Furnace Slag in Turkey**
Yonar F., ÇOKGÖR E., DİKBAŞ H. A. , Demir B., ERGÜN M.
ICEPR World Congress on New Technologies (NewTech'15) Hotel Alimara Barcelona, Barcelona, Spain, 15 - 17 July 2015
- XXXIII. **Effects of Ecofriendly Production Technologies on Wastewater Characterization and Treatment Plant Performance**
YÜKSEK G., OKUTMAN TAŞ D., ÇOKGÖR E., İNSEL H. G. , kırcı b., Erturan Ö.
Industrial waste and wastewater treatment and valorization, 21 - 23 May 2015
- XXXIV. **Simultaneous nitrate and perchlorate reduction in elemental sulfur based autotrophic and heterotrophic processes**
Uçar D., ÇOKGÖR E., ŞAHİNKAYA E., Yurtsever A.
The International Conference on Civil and Environmental Engineering (ICOCEE - Cappadocia 2015), 20 - 23 May 2015
- XXXV. **Evaluation of Differences in Microbial Population After the Aerobic Anaerobic Treatability of Domestic Municipal Waste Sludge Tam Metin Bildiri Sözlü Sunuş**
PALA ÖZKÖK İ., ALTINBAŞ M., ÇOKGÖR E.
4th European Conference on Sludge Management, 26 - 27 May 2014
- XXXVI. **Effect of Different Minimization Applications Prior to Anaerobic Sludge Digestion on Biogas Recovery and Dewaterability.**
Okutman Taş D., Gömeç Ç., Arikan O. A. , Cifci D., Gencsoy E., Ölmez Hancı T., Ekdal A., Çokgör E.
4th European Conference on Sludge Management, İzmir, Turkey, 26 - 27 May 2014, pp.100-105
- XXXVII. **Evaluation of Enzyme Addition in Aerobic Stabilization of Biological Sludge**
Pehlivanoğlu Mantaş E., Gürel M., İnsel H. G. , Topuz E., Ekdal A., Aydın E., Uçar N., Çokgör E., Okutman Taş D.
17th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, İstanbul, Turkey, 28 September - 01 October 2013
- XXXVIII. **Fenton and ozone disintegration of excess sludge**
Doğruel S., Pehlivanoğlu Mantaş E., Ölmez Hancı T., Gürel M., Topuz E., Çokgör E.
17th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, İstanbul, Turkey, 28 September - 01 October 2013, pp.204
- XXXIX. **Stabilizasyon öncesinde farklı dezentegrasyon uygulamalarının arıtma çamurlarının susuzlaştırılabilirliği üzerindeki etkileri**
Gömeç Ç., Ekdal A., Ölmez Hancı T., Çokgör E.
5. Ulusal Katı Atık Yönetimi Kongresi, Kocaeli, Turkey, 29 May - 01 June 2013, pp.383-394
- XL. **Türkiye de Evsel Kentsel Atıksu Arıtma Tesislerinin Mevcut Durumu Atıksu Arıtma Teknolojileri Çamur İşleme ve Bertaraf Etme Yöntemlerinin Bölgesel Bazda Değerlendirilmesi**
BÜYÜKKAMACI N., ERDİNÇLER A., SANİN F. D. , İSKENDER F. G. , AYOL A., ALAGÖZ A., İMAMOĞLU İ., GENCELİ N. E. , FİLİBELİ A., KARATAŞ Ö., et al.
İTÜ 13. Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 17 - 19 October 2012
- XLII. **Applicability of the Waste Sludge Cakes into Landfill Areas Based on Turkish Regulations**
Çokgör E., Pehlivanoğlu Mantaş E., Okutman Taş D., İnsel H. G. , Ölmez Hancı T., Orhon D.
Mediterranean Scientific Association of Environmental Protection, MESAEPE, Ioannina, Greece, 24 - 27 September 2011, pp.1
- XLIII. **Effect of Aerobic Stabilization on Leather Industry Sludge**
Çokgör E., Aydınlı E., Okutman Taş D., Zengin Balcı G. E. , Orhon D.
8th International Symposium on Waste Management Problems in Agro-Industries, İzmir, Turkey, 22 - 24 June 2011, pp.1
- XLIII. **Effect of aerobic stabilization on biomass activity**

Cokgor E., Tas D. O. , Zengin G. E. , AYDINLI E., OZDEMIR S., Insel G.

14th International Biotechnology Symposium and Exhibition (IBS-2008), Rimini, Italy, 14 - 18 September 2010, vol.150

- XLIV. **Atıksu Arıtma Alternatiflerinin Karşılaştırılması: Büyük Melen Havzası**
Çokgör E., Pehlivanoglu-Mantas E., Aydın E., Insel H. G. , Özgün H., ÇAKMAKCI M., Öztürk İ.
Kent Yönetimi, İnsan ve Çevre Sorunları Sempozyumu'08 Bildiriler Kitabı, İstanbul, Turkey, 2 - 06 November 2008, pp.49-56
- XLV. **Evsel ve endüstriyel biyolojik çamurların aerobik stabilizasyonunun araştırılması.**
Pehlivanoglu Mantaş E., Okutman Taş D., Insel H. G. , Aydın E., OZTURK D. C. , Ölmez Hancı T., Görgün H. E. , Çokgör E., orhon d.
İTÜ 11. Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 11 - 13 June 2008, pp.67-74
- XLVI. **Conceptual Approach For the Determination of Point Sources in Melen Watershed**
Pehlivanoglu-Mantas E., Aydın E., Insel H. G. , Özgün H., ÇAKMAKCI M., Öztürk İ., Akça L., Çokgör E.
International Congress of River Basin Management, Antalya, Turkey, 1 - 08 April 2007, pp.256-272
- XLVII. **Biodegradation of a Tannery and Chemical Plant Producing Asetilsalisilikat Wastewater Mixture**
Çokgör E., KARAHAN O., ORHON D.
International Conference on Environment: Survival and Sustainability, Nicosia, CYPRUS, 19 - 24 February 2007, pp.1117-1125
- XLVIII. **Respirometric Evaluation of Strong Wastewater Activated Sludge Treatment for a Complex Chemical Industry**
Çokgör E., INSEL G., AYDIN E., OZDEMIR S., ORHON D.
International Conference on Environment: Survival and Sustainability, Nicosia, CYPRUS, 19 - 24 February 2007, pp.1139-1148
- XLIX. **Ham ve ozonlanmış penisilin formülasyon atıksularının biyolojik arıtılabilirliğinin modellenmesi**
ÇOKGÖR E., ARSLAN ALATON İ., KARAHAN ÖZGÜN Ö., DOĞRUEL S., ORHON D.
İTÜ 10. Endüstriyel Kirlenme Kontrolü Sempozyumu, Turkey, 7 - 09 June 2006
- L. **Growth physiology and biochemical storage characteristics of Microlunatus phosphovorus, a model organism for activated sludge systems**
AKAR A., AKKAYA E., YESILADALI S., CELIKYILMAZ G., TAMERLER C., CAKAR Z. P. , Cokgor E., ORHON D.
European Symposium on Environmental Biotechnology, Oostende, Belgium, 25 - 28 April 2004, pp.737-740
- LI. **Effect on COD Fractionation of Primary Sludge Fermentation Products**
Çokgör E., Zengin Balcı G. E. , Okutman Taş D., Aydınlı S., Artan N., Orhon D.
12th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region - Appropriate Solutions for Environmental Problems in Emerging Economies, Antalya, Turkey, 4 - 08 October 2003, pp.1

Supported Projects

Çokgör E., Project Supported by Higher Education Institutions, Evsel çamurun havasız çürütülmesi üzerine ultrasonikasyonun etkisinin değerlendirilmesi, 2016 - 2018

Çokgör E., Project Supported by Higher Education Institutions, TR10/15/YNK/0045 nolu Uygulamalı Biyopolimer ve Biyoplastik Teknolojileri Araştırma Merkezi Projesi İSTKA Tamamlayıcı Proje Desteği, 2016 - 2018

Çokgör E., Project Supported by Higher Education Institutions, METAL SON İŞLEMLER ENDÜSTRİSİNDE SUYUN YENİDEN KULLANIMININ DEĞERLENDİRİLMESİ, 2015 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Mixotrofik Reaktörde Nitrat ve Perkloratın Beraber Giderimi, 2015 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Alkaloid Atıksuyunun Biyolojik Bazlı Karakterizasyonu ve Aerobik Çamur Stabilizasyonunun Değerlendirilmesi, 2015 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Farklı Çamur Yaşlarında Sulfamethoxazole Beslemesinin Asetat Biyodegradasyonuna ve Mikrobiyal Kompozisyonuna Kronik Etkisinin Belirlenmesi, 2014 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Domestic/Municipal Wastewater Treatment and Sludge Management in Turkey, 2014 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Denitrifikasyon Prosesinde Yüksek Sıcaklığın Sistem Bileşenleri Üzerine Olan Etkilerinin Araştırılması, 2014 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Anaerobik Stabilizasyon ile Nonilfenol ve Nonilfenol Etoksilatların Gideriminin Araştırılması, 2014 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Evsel/Kentsel Arıtma Çamurlarının Anaerobik Stabilizasyonunda Ultrasonik Dezentegrasyonun Etkisinin Araştırılması, 2011 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Mikrobiyal Yakıt Hücrelerinde Antibiyotiklerin Elektrik Üretimi Üzerine Etkileri, 2011 - 2018

Çokgör E., Project Supported by Higher Education Institutions, antibiyotiklerin Biyolojik Ayrışabilirlik Özelliklerinin ve Karışık Mikrobiyal Kültür Üzerine Toksikite/İnhibisyon Etkilerinin Araştırılması, 2010 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Biyolojik Arıtmada Ön Çamur Fermentasyonu Ürünleri Üzerine pH Kontrolünün Etkisi, 2006 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Aktif çamurda ağır metal inhibisyonunun respirometrik olarak değerlendirilmesi, 2005 - 2018

Çokgör E., Project Supported by Higher Education Institutions, Ön Çöktürme Çamuru Fermentasyon ürünlerinin Biyolojik Kütle Dengesi Üzerine Etkileri, 2004 - 2018

Çokgör E., Project Supported by Higher Education Institutions, NONİL FENOL ETOKSİLATIN BİYOLOJİK OLARAK ARITILABİLİRLİĞİNİN İNCELENMESİ, 2010 - 2014

Çokgör E., Project Supported by Higher Education Institutions, FARKLI ANTİBİYOTİKLERİN AEROBİK ORTAMDA DÜŞÜK ÇAMUR YAŞINDA BİYOLOJİK OLARAK AYRIŞABİLİRLİĞİNİN İNCELENMESİ, 2010 - 2014

Çokgör E., Project Supported by Higher Education Institutions, SEÇİLEN BİR SENETİK HORMONUN NİTRİFİKASYON PROJESİ ÜZERİNE OLAN AKUT VE KRONİK ETKİLERİNİN ARAŞTIRILMASI, 2010 - 2014

Çokgör E., Project Supported by Higher Education Institutions, 17- Alfa Etinilestradiol Sentetik Östrojen Hormonunun Atıksularda Aerobik Biyolojik Karbon Gideriminde Akut ve kronik etkileri, 2010 - 2014

Çokgör E., Project Supported by Higher Education Institutions, Seçilen Antibiyotiklerin aerobik Ortamda Çoğalma Prosesi üzerine Olası Akut ve Kronik Etkilerinin Araştırılması, 2010 - 2014

Çokgör E., Project Supported by Higher Education Institutions, Zenobiyotiklerin Aerobik Biyolojik Ayrışabilirlik Özelliklerinin Ve Karışık Mikrobiyal Kültür Üzerine Toksikite / İnhibisyon etkilerinin Değerlendirilmesi, 2010 - 2014

Çokgör E., Project Supported by Higher Education Institutions, Aerobik Çamur Stabilizasyonunun Karakterizasyonu ve Modellenmesi, 2010 - 2014

Çokgör E., Project Supported by Higher Education Institutions, Zenobiyotiklerin Nitrifikasyon Sistemleri Üzerindeki Biyolojik Ayrışabilirlik Özelliklerinin ve Toksikite/İnhibisyon Etkilerinin Değerlendirilmesi, 2010 - 2014

Çokgör E., Project Supported by Higher Education Institutions, ZENOBİYOTİKLERİN ENZİMATİK OLARAK BELİRLENMESİ, 2009 - 2014

Çokgör E., Project Supported by Higher Education Institutions, Bir Mikrobiyel Yakıt Hücresinde Hidrojen Bakterileri Shewanella Putrefaciens Tarafından Organik Atıklardan Elektrik Üretimi, 2008 - 2010

Çokgör E., Project Supported by Higher Education Institutions, Glikoz ile Beslenen Ardışık Kesikli Sistemlerde Değişik Yüklemlerin Depolama Özelliklerine Etkilerinin Deneysel Olarak Belirlenmesi, 2005 - 2010

Çokgör E., Project Supported by Higher Education Institutions, Ön Çöktürme Çamur Fermentasyon Ürünlerinin Besi Maddesi Giden Aktif Çamur Sistemlerine Etkisinin İncelenmesi, 2002 - 2003

Citations

Total Citations (WOS):2204

h-index (WOS):26

Scholarships

TÜBİTAK NATO B1 Doktora Sonrası Araştırma Bursu , TUBİTAK, 1998 - 2001