

## **Prof. İbrahim Demir**

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### **Education Information**

Post Doctorate, Rutgers, The State University of New Jersey, United States Of America 1996 - 1998

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği Anabilim Dalı, Turkey 1984 - 1994

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, Turkey 1982 - 1984

Undergraduate, İstanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1978 - 1982

### **Dissertations**

Doctorate, Havasız Çamur Yatağı Sisteminde Besleme Rejiminin Sistem Kararlığı ve Çamur Özelliklerine Etkisi, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, 1994

Postgraduate, Evsel Atıksuların Arazide Arıtılması, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, 1984

### **Research Areas**

Environmental Engineering, Environmental Technology, Solid Waste Engineering and Management, Engineering and Technology

### **Academic Titles / Tasks**

Associate Professor, İstanbul Technical University, Deprem Mühendisliği Ve Afet Yönetimi Enstitüsü, Acil Durum Ve Afet Yönetimi Anabilim Dalı, 2013 - Continues

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

#### **I. Impact of support material type on performance of dynamic membrane bioreactors treating municipal wastewater**

Işık O., Hudayarizka R., Abdelrahman A. M., Özgün Erşahin H., Erşahin M. E., Demir İ., Koyuncu İ.

JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.95, no.9, pp.2437-2446, 2020 (SCI-Expanded)

#### **II. Leachate characterization in bioreactor landfill areas**

TINMAZ KÖSE E., Demir İ.

- JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.3, pp.1455-1468, 2020 (SCI-Expanded)
- III. Comparative evaluation of ultrafiltration and dynamic membranes in an aerobic membrane bioreactor for municipal wastewater treatment  
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- IV. Greenhouse gas contribution of municipal solid waste collection: A case study in the city of Istanbul, Turkey  
Korkut N. E., YAMAN C., KÜÇÜKAĞA Y., Jaunich M. K., Demir İ.  
WASTE MANAGEMENT & RESEARCH, vol.36, no.2, pp.131-139, 2018 (SCI-Expanded)
- V. Impact of vibration on treatment and filtration performance of membrane bioreactors treating municipal wastewater  
Kaya R., Özgün Erşahin H., Erşahin M. E., Yilmaz M. D., Damirchi M., Koyuncu İ., YİĞİT N. Ö., KİTİŞ M., Demir İ., Arıkan O. A.  
DESALINATION AND WATER TREATMENT, vol.99, pp.177-184, 2017 (SCI-Expanded)
- VI. Foulant and chemical cleaning analysis of ultrafiltration membrane used in landfill leachate treatment  
Demir İ., Paşaoğlu M. E., Guclu S., Turken T., YILDIZ S., BALAHORLİ V., Koyuncu İ.  
DESALINATION AND WATER TREATMENT, vol.77, pp.142-148, 2017 (SCI-Expanded)
- VII. A revisit of pressure drop-flow rate correlations for packed beds of spheres  
Erdim E., Akgiray O., Demir İ.  
POWDER TECHNOLOGY, vol.283, pp.488-504, 2015 (SCI-Expanded)
- VIII. Anaerobic treatment of biscuit wastewater in an uasb-reactor  
Akkoyunlu A., Demir I., Yueksel E., Eyvaz M.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, pp.1201-1206, 2007 (SCI-Expanded)
- IX. Research on solid waste management system: To improve existing situation in Corlu Town of Turkey  
Tinmaz E., Demir I.  
WASTE MANAGEMENT, vol.26, no.3, pp.307-314, 2006 (SCI-Expanded)
- X. Development of a GIS database for a solid waste collection system: A case study for the city of Istanbul-Turkey  
Armagan B., Demir I.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.9, pp.869-873, 2004 (SCI-Expanded)
- XI. A Simplified Model for Thermal Discharges  
Öztürk İ., Sarıkaya H., AYDIN A. F., demir i.  
WATER SCIENCE AND TECHNOLOGY, vol.32, pp.183-191, 1995 (SCI-Expanded)
- XII. Feasibility of Anaerobic Pre-Treatment for the Effluents from Hardboard and Laminated Board Industry  
EROĞLU V., Öztürk İ., UBAY G., demir i., Korkut E.  
WATER SCIENCE AND TECHNOLOGY, vol.29, pp.391-397, 1994 (SCI-Expanded)
- XIII. Hybrid upflow anaerobic sludge blanket reactor HUASBR treatment of dairy effluents  
Öztürk İ., EROĞLU V., UBAY TÖNÜK G., DEMİR İ.  
WATER SCIENCE AND TECHNOLOGY, vol.28, no.2, pp.77-85, 1993 (SCI-Expanded)
- XIV. SEQUENCING BATCH AND HYBRID ANAEROBIC REACTORS TREATMENT OF DAIRY WASTES  
Eroglu V., ÖZTÜRK İ., DEMİR İ., Akça L., Alp K.  
purdue univ., vol.46, pp.413-422, 1992 (SCI-Expanded)
- XV. Comparative Evaluation of Treatment Alternatives for Wastewaters from Edible Oil Refining Industry  
EROĞLU V., Öztürk İ., San H. A., demir i.  
WATER SCIENCE AND TECHNOLOGY, vol.22, no.9, pp.225-234, 1990 (SCI-Expanded)
- XVI. COMPARATIVE-EVALUATION OF TREATMENT ALTERNATIVES FOR WASTEWATERS FROM AN EDIBLE OIL REFINING INDUSTRY  
EROGLU V., OZTURK I., SAN H., DEMIR I.

## Articles Published in Other Journals

- I. **Kentsel Dönüşüm Sürecinde İstanbul'da İnşaat ve Yıkıntı (İ&Y) Atıkları Yönetimi**  
Maçın K. E., Demir İ.  
Adiyaman Üniversitesi Mühendislik Bilimleri Dergisi, vol.5, no.9, 2018 (Peer-Reviewed Journal)
- II. **Katı atık toplama sıklığının toplama-taşıma maliyetine etkisi**  
Kolukışaoğlu M., Maçın K. E., Demir İ.  
Artıbilim: Adana Bilim ve Teknoloji Üniversitesi Fen Bilimleri Dergisi, vol.1, no.1, pp.46-56, 2018 (Peer-Reviewed Journal)
- III. **Isotherm and Kinetic Modelling of Azo Dyes Adsorption**  
İŞİK O., DEMİR İ., YÜCEER A., ÇINAR Ö.  
European Journal of Engineering and Natural Sciences, pp.210-216, 2017 (Peer-Reviewed Journal)
- IV. **An Autopsy of Nanofiltration Membrane Used for Landfill Leachate Treatment**  
Demir İ., Koyuncu İ., GÜCLÜ S., YILDIZ S., BALAHORLı V., ÇAĞLAR S., TÜRKEN T., PAŞAOĞLU M. E., KAYA R., Sengur-Tasdemir R.  
Scientific World Journal, vol.2015, 2015 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Education Effects on Participant's Awareness: Zero Waste Management Education in Istanbul Technical University (ITU) Ayazağa Campus**  
Maçın K. E., Arıkan O. A., Demir İ.  
ICSD 6th International Conference on sustainable Development, 4 - 06 November 2020, pp.1
- II. **Public Attitudes Towards to Reaching Zero Waste Management Goal: ITU Ayazağa Campus Case Study**  
Maçın K. E., Arıkan O. A., Demir İ.  
EurAsia Waste Management Symposium, 26 - 28 October 2020, pp.27-34
- III. **Treatment of municipal wastewater by hollow fiber dynamic membrane bioreactors**  
İŞİK O., Orman İ., Abdelrahman A. M., ERŞAHİN M. E., ÖZGÜN ERŞAHİN H., DEMİR İ., KOYUNCU İ.  
6th MEMTEK International Symposium on Membrane Technologies and Applications, 18 - 20 November 2019
- IV. **Impact of support material type on dynamic MBR performance**  
İŞİK O., Hudayarizka R., Abdelrahman A. M., ERŞAHİN M. E., ÖZGÜN ERŞAHİN H., DEMİR İ., KOYUNCU İ.  
9th IWA Membrane Technology Conference Exhibition for Water and Wastewater Treatment and Reuse, 23 - 27 June 2019
- V. **Comparative Evaluation of Ultrafiltration and Dynamic Membranes in an Aerobic Membrane Bioreactor for Municipal Wastewater Treatment**  
İşik O., Abdelrahman A. M., Erşahin M. E., Özgün H., Demir İ., Koyuncu İ.  
3rd International Conference on Integrated Environmental Management for Sustainable Development, Sousse, Tunisia, 2 - 05 May 2018, pp.121-124
- VI. **GHG Emission From Trucks During Collection Of Solid Wastes: Çorlu Case Study**  
Demir İ., Maçın K. E., Şahin S.  
International Conference on Civil and Environmental Engineering (ICOCEE), İzmir, Turkey, 24 - 27 April 2018, vol.1, pp.178-188
- VII. **Waste Management During Urban Transformation Process In Turkey**  
MAÇİN K. E., DEMİR İ.  
3. International Conference on Civil and Environmental Engineering (ICO, İzmir, Turkey, 24 - 27 April 2018, vol.1, pp.169-177

- VIII. **Construction and Demolition Waste Management in Turkey**  
Demir İ., Arıkan O. A., Maçın K. E.  
International Conference on Engineering Technology and Innovation, Sarajevo, Bosnia And Herzegovina, 22 - 26 March 2017
- IX. **Anaerobic Digestion of Dairy Manure – A Review**  
Alam M., Arıkan O. A., Demir İ., Yüksel E., Güneydin O.  
International Conference on Civil and Environmental Engineering (ICOCEE), Nevşehir, Turkey, 8 - 10 May 2017
- X. **The effect of Halloysitenanotube (HNT) size on fabrication and characterization and dye performance of ultrafiltration membrane**  
keskin B., AĞTAŞ M., ORMANCI ACAR t., TÜRKEN T., İMER D. Y., ALTAŞ a., MENCELOĞLU Y. Z., ÜNAL S., DEMİR İ., KOYUNCU İ.  
3rd International Conference on Desalination using Membrane Technology, Spain, 2 - 05 April 2017
- XI. **Isotherm And Kinetic Modelling Of Azo Dyes Adsorption**  
İşik O., Demir İ., YÜCER A., OZER A.  
, International Conference on Environmental Science and Technology, Belgrad, Serbia And Montenegro, 28 September - 02 October 2016
- XII. **A Calculation Method for Determination of Household Solid Waste Tariffs for Municipal Administrations**  
DEMİR İ., SOYSAL Y., TINMAZ KÖSE E.  
International Conference on Environmental Science and Technology, 28 September - 02 October 2016
- XIII. **Isotherm and Kinetic Modelling of Azo Dyes Adsorption**  
İŞIK O., DEMİR İ., YÜCER A., ÇINAR Ö.  
International Conference on Environmental Science and Technology, 28 September - 02 October 2016
- XIV. **Medical Waste Management in Turkey**  
Arıkan O. A., Öztürk İ., Demir İ., Maçın K. E.  
International Conference on Environmental Science and Technology, Belgrade, Serbia, 28 September - 02 October 2016, pp.91-98
- XV. **A Calculation Method For Determination Of Household Solid Waste Tariffs For Municipal Administrations**  
Demir İ., TINMAZ E., SOYSAL Y.  
International Conference on Environmental Science and Technology,, Belgrad, Serbia And Montenegro, 28 September - 02 October 2016
- XVI. **The Effects of Biodegradable Waste Diversion on Landfill Gas Recovery in Turkey**  
ALTAN A. S., Arıkan O. A., Demir İ.  
ISWA World Congress 2016, Novi Sad, Serbia And Montenegro, 19 - 21 September 2016
- XVII. **Medical Waste Management in Turkey**  
ARIKAN O. A., Öztürk İ., DEMİR İ., Maçın E.  
ICOEST International Conference on Environmental Science and Technology, Belgrad, Serbia And Montenegro, 28 August - 02 September 2016, pp.90-97
- XVIII. **Landfill Gas Management in Turkey**  
ALTAN A. S., Arıkan O. A., Demir İ.  
Eurasia 2016 Waste Management Symposium, İstanbul, Turkey, 2 - 04 May 2016
- XIX. **Landfill Gas Management in Turkey 2 4 May**  
ALTAN S., ARIKAN O. A., DEMİR İ.  
Eurasia 2016 Waste Management Symposium, 2 - 04 May 2016
- XX. **Landfill Gas to Electricity Production at Sanitary Landfills in Kocaeli**  
SEL İ., ÇETİNDEMİR M., Arıkan O. A., Demir İ., ÖZKAYA B.  
International Conference on Environmental Science and Technology, ICOEST'2013, Nevşehir, Turkey, 18 - 21 June 2013
- XXI. **Büyükbaş Hayvan Atıklarından Kompostlaştırma Prosesiyle Organik Gübre Üretimi ve Koku Emisyonlarının Belirlenmesi**

- Demir İ., Alp K., Arıkan O. A., TANLAK B., TANLAK T., BATUR B.  
4. Ulusal Katı Atık Yönetimi Kongresi, Antalya, Turkey, 17 - 20 October 2012
- XXII. **Comparative Evaluation of Different Composting Technologies for Municipal Solid Wastes in Istanbul**  
T. I., Arıkan O. A., ÇİFTÇİ D., Altınbaş M., YILDIZ Ş., Demir İ., Öztürk İ.  
Proceedings USCC 19th Annual Conference and Tradeshow, Santa Clara, United States Of America, 24 - 27 January 2011
- XXIII. **Co-Composting of Mixed Municipal Solid Waste and Waste Activated Sludge, Proceedings**  
Altınbaş M., ÇİFTÇİ D., GENCSOY E., Arıkan O. A., Demir İ., YILDIZ Ş., ÇİFTÇİ T., ÇAKMAK İ., Öztürk İ.  
Twelfth International Waste Management and Landfill Symposium, Cagliari, Italy, 5 - 07 October 2009
- XXIV. **Co-composting of mixed municipal solid waste and activated sludge**  
ALTINBAŞ M., ÇİFÇİ D. İ., Geçsoy E. B., ARIKAN O. A., DEMİR İ., ÖZTÜRK L., Yıldız Ş., ÇİFTÇİ T., ÇAKMAK İ., ÖZTÜRK İ.  
Sardinia 2009 Twelfth International Waste Management and Landfill Symposium, Sardinia, Italy, 5 - 09 October 2009
- XXV. **İstanbul Kemerburgaz Geri Dönüşüm ve Kompost Tesisi'nde İşletme Koşullarının ve Kompost Kalitesinin**  
AYRAL D., Öztürk İ., Demir İ., Altınbaş M., ARIKAN O., HOŞOĞLU F., YILDIZ Ş.  
Kent Yönetimi, İnsan ve Çevre Sorunları Sempozyumu'08 Bildiriler Kitabı, İstanbul, Turkey, 2 - 06 November 2008, pp.699-706
- XXVI. **Eleventh International Waste Management and Landfill Symposium**  
Altınbaş M., GENCSOY E., ÇİFTÇİ D., Arıkan O. A., Demir İ., YILDIZ Ş., ÇİFTÇİ T., ÇAKMAK İ., Öztürk İ.  
Full-scale Aerobic Composting of Municipal Solid Waste of Istanbul Metropolitan, Proceedings, Cagliari, Italy, 1 - 05 October 2007
- XXVII. **Full-scale aerobic composting of municipal solid waste of İstanbul Metropolitan**  
ALTINBAŞ M., Geçsoy E. B., ÇİFÇİ D. İ., ARIKAN O. A., DEMİR İ., ÖZTÜRK L., Yıldız Ş., ÇİFTÇİ T., ÇAKMAK İ., ÖZTÜRK İ.  
SARDINIA 2007 Eleventh International Waste Management and Landfill Symposium, SARDINIA, Italy, 1 - 05 October 2007
- XXVIII. **Karışık Evsel Katı Atıkların Kompostlaştırılması: İstanbul Örneği**  
Altınbaş M., GENCSOY E., ÇİFTÇİ D., Arıkan O. A., Öztürk İ., Demir İ., YILDIZ Ş., ÖZTÜRK Ç., ÇİFTÇİ T., ÇAKMAK İ.  
TÜRKAY 2007 – AB Sürecinde Türkiye'de Katı Atık Yönetimi ve Çevre Sorunları Sempozyumu, İstanbul, Turkey, 28 - 31 May 2007
- XXIX. **İstanbul için AB ile Uyumlu Entegre Katı Atık Yönetimi Stratejik Planı**  
Öztürk İ., Demir İ., AKGÜL O., YILDIZ Ş., ÖZABALI A., TEZER B.  
TÜRKAY 2007 – AB Sürecinde Türkiye'de Katı Atık Yönetimi ve Çevre Sorunları Sempozyumu, İstanbul, Turkey, 28 - 31 May 2007
- XXX. **İstanbul Kemerburgaz Geri Dönüşüm ve Kompost Tesisi'nde İşletme Koşullarının ve Kompost Kalitesinin Değerlendirilmesi**  
AYRAL D., Öztürk İ., Altınbaş M., Arıkan O. A., Demir İ., YILDIZ Ş., HOŞOĞLU F.  
Kent Yönetimi, İnsan ve Çevre Sorunları Sempozyumu, İstanbul, Turkey, 2 - 06 November 2006, pp.699-706
- XXXI. **Sludge conditioning, dewatering and composting experiences on a Wet Corn Milling Industry**  
Gömeç Ç., ERDİM E., Demir İ., TEZER H., Öztürk İ.  
Proceedings of the IWA Specialized Conference-Sustainable Sludge Management: State of the Art, Challenges and Perspectives, Moskova, Russia, 29 - 31 May 2006
- XXXII. **Aerobic Composting of Alkaloid Processing Wastes**  
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Proceedings of the 18th International Conference on Solid Waste Technology and Management, Philadelphia, United States Of America, 23 - 26 March 2003
- XXXIII. **Aerobic composting of opium alkaloid processing solid wastes**  
ARIKAN O. A., ÖZTÜRK İ., DEMİR İ., ALTINBAŞ M.  
Proceedings of the 18th International Conference on Solid Waste Technology and Management, Philadelphia, United States Of America, 23 - 26 March 2003
- XXXIV. **Evsel Katı Atıkların Geri Kazanımı ve Çorlu Örneği**

- TINMAZ E., Demir İ.  
IV. Mimarlık Mühendislik Fakültesi Sempozyumu, İstanbul, Turkey, 9 - 11 September 2002
- XXXV. **Solid Waste Management in Istanbul Metropolitan City**  
BAŞTÜRK A., Öztürk İ., Arıkan O. A., ÖZTÜRK M., Demir İ., Altınbaş M., DEMİR A.  
Proceedings of the ISWA World Environment Congress on Appropriate Environmental and Solid Waste Management and Technologies for Developing Countries, İstanbul, Turkey, 8 - 12 July 2002, vol.1, pp.95-102
- XXXVI. **Characterization and Treatment Plant Performance of Beverage (Raki) Industry**  
Demir İ., Altınbaş M., AKBAY M., GÖK A., BASMACI F., SOYSAL Z.  
Proceedings of 2001 the IWA Congerence on Water & Wastewater Management for Developing Countries, Kuala Lumpur, Malaysia, 29 - 31 October 2001
- XXXVII. **Aerobic Composting of Anise Wastes From Beverage (Raki) Industry**  
Demir İ., Altınbaş M., Arıkan O. A., Öztürk İ.  
Eighth International Waste Management and Landfill Symposium, Cagliari, Italy, 1 - 05 October 2001
- XXXVIII. **Landfill Rehabilitation and Gas To Energy Applications in Istanbul**  
Öztürk İ., T.N S., Demir İ., Arıkan O. A., Altınbaş M., BAŞTÜRK A., SALMAN K.  
Proceedings Sardinia 2001, Eighth International Waste Management and Landfill Symposium, Cagliari, Italy, 1 - 05 October 2001, vol.2, pp.655-662
- XXXIX. **Landfill Rehabilitation and Gas to Energy Applications in Istanbul**  
ÖZTÜRK İ., Scott T., DEMİR İ., ARIKAN O. A., ALTINBAŞ M., Baştürk A., Salman K.  
SARDINIA Eighth International Waste Management and Landfill Symposium, Sardinia, Italy, 1 - 05 October 2001, vol.2, pp.655-662
- XL. **Aerobic Composting of Anise Wastes from Beverage (RAKI) Industry**  
DEMİR İ., ALTINBAŞ M., ARIKAN O. A., ÖZTÜRK İ.  
SARDINIA Eighth International Waste Management and Landfill Symposium, SARDINIA, Italy, 1 - 05 October 2001, pp.459-465
- XLI. **Maya Endüstrisi Atıksu Arıtma Tesisi Çamurlarının Organik Evsel Katı Atıklarla Birlikte Kompostlaştırılabilirliği**  
ARIKAN O., Öztürk İ., Altınbaş M., Demir İ.  
İTÜ 7. Endüstriyel Kirlenme Kontrolu Sempozyumu, İstanbul, Turkey, 20 - 22 September 2000
- XLII. **Interactions Between the Rehabilitated Landfill Site and Residential Area**  
Öztürk İ., Arıkan O. A., Demir İ., BAŞTÜRK A.  
Proceedings of Wastecon 2000 Biennial Conference, West Somerset, South Africa, 5 - 07 September 2000, vol.5, pp.311-318
- XLIII. **İstanbul' da Kompost Üretimi**  
Demir İ., BAŞTÜRK A., Arıkan O. A., Altınbaş M.  
Kent Yönetimi, İnsan ve Çevre Sorunları Sempozyumu, İstanbul, Turkey, 17 - 19 February 1999, vol.3, pp.282-291
- XLIV. **Katı Atıklar İçin Entegre Yönetim Yaklaşımı**  
Demir İ., Altınbaş M., Arıkan O. A.  
Kent Yönetimi, İnsan ve Çevre Sorunları Sempozyumu, İstanbul, Turkey, 17 - 19 February 1999, vol.3, pp.252-262
- XLV. **Changes in MSW Quality and Influence on Waste Management in Istanbul Metropolitan City**  
Arıkan O. A., Demir İ., DEMİR A., Öztürk İ., İNANÇ B., ÖZTÜRK M., TUYLUOGLU B.  
Proceedings of Sixth International Landfill Symposium, Cagliari, Italy, 13 - 17 October 1997, vol.5, pp.449-456
- XLVI. **A UNIFIED MODEL FOR ANAEROBIC TREATMENT SYSTEMS**  
OZTURK I., DEMIR I., UBAY G.  
5TH WORKSHOP OF THE INTERNATIONAL ASSOC ON WATER POLLUTION RESEARCH AND CONTROL, Yokohama, Japan, 26 July - 03 August 1990, pp.495-502
- XLVII. **Atıksu Deniz Deşarı Sistemlerinin Hidrodinamik Etkilere Karşı Tasarımı**  
Öztürk İ., INANC B., Demir İ.  
Türk İnşaat Mühendisliği X. Teknik Kongresi, Ankara, Turkey, 9 - 12 October 1989

## **Supported Projects**

Demir İ., Project Supported by Higher Education Institutions, Sabri Ergun Denkleminin Küresel Olmayan Malzemeler için Geçerliliğinin Araştırılması, 2009 - 2010

Demir İ., Project Supported by Higher Education Institutions, Küresel Olmayan Malzemelerin Porozlu Yatak Hidroliği, 2007 - 2008

Demir İ., Project Supported by Higher Education Institutions, Aerobik Düzenli Depolama Yönteminin Ülkemiz Şartlarındaki Uygulanabilirliğinin Değerlendirilmesi ve İşletme Esaslarının Belirlenmesi, 2006 - 2007

Demir İ., Project Supported by Higher Education Institutions, Yüzme Havuzu Sularının Şartlandırılması ve İşletme Parametreleri, 2004 - 2004

Demir İ., Project Supported by Higher Education Institutions, İleri Biyolojik Atıksu Arıtma Tesisi Çamurlarının Kompostlaştırılmasında Farklı Katkı Maddelerinin Etkilerinin İncelenmesi, 2003 - 2004

Demir İ., Project Supported by Higher Education Institutions, Tarımsal Kaynaklı Endüstriyel Katı Atıkların Kompostlaşabilirligi, 2000 - 2000

## **Metrics**

Publication: 82

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