

## Assoc. Prof. ÇİĞDEM MORAL

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: C-2831-2016

ScopusID: 53363718300

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### Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Çevre Mühendisliği, Turkey 2004 - 2011

Postgraduate, Bogazici University, Institute Of Environmental Sciences, Çevre Teknolojisi, Turkey 2000 - 2003

Undergraduate, Istanbul University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 1995 - 1999

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Other, İyi Laboratuvar Uygulamaları Eğitimi, SWEDAC, 2009

Education Management and Planning, Temiz Üretim Sertifikası, Türk Endüstrisinde Yeşil Rekabet için Bir Araç, ODTÜ, 2008

Education Management and Planning, Sürekli Gelişim için Risk Değerlendirmesi ve Yönetimi, ODTÜ, 2007

Other, Atomik Adsorpsiyon Spektrofotometresi için Temel Bilgiler ve Uygulama, PerkinElmer, 2007

### Dissertations

Doctorate, Production of Alginate from *Azotobacter vinelandii* ATCC® 9046 and Its Use in Water and Wastewater Treatment, Middle East Technical University, Mühendislik Fakültesi, Çevre Mühendisliği, 2011

Postgraduate, Treatment of Pulp Bleaching Effluent by Catalytic Ozonation, Bogazici University, Çevre Bilimleri Enstitüsü, Çevre Teknolojisi, 2003

### Research Areas

Environmental Engineering, Environmental Technology, Water Pollution and Control, Water Supply and Treatment, Life

Sciences, Biotechnology, Biomaterial, Bioreactor, Environmental Biotechnology, Natural Sciences, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Engineering, Department of Environmental Engineering, 2018 - Continues

Assistant Professor, Akdeniz University, Faculty of Engineering, Department of Environmental Engineering, 2013 - 2018  
Research Assistant PhD, Akdeniz University, Faculty of Engineering, Department of Environmental Engineering, 2011 - 2013

Research Assistant, Middle East Technical University, Faculty Of Engineering, Çevre Mühendisliği, 2004 - 2011

## Academic and Administrative Experience

Akdeniz University, Kemer Faculty of Maritime, 2019 - Continues

Akdeniz University, Çevre Mühendisliği Bölümü, 2015 - 2019

## Courses

Endüstriyel Polimerler ve Çevre Mühendisliğindeki Uygulamaları, Postgraduate, 2017 - 2018, 2016 - 2017

Atıksu Arıtımında İleri Oksidasyon Prosesleri, Postgraduate, 2017 - 2018, 2016 - 2017

Water Treatment, Undergraduate, 2017 - 2018

Physical Unit Operations, Undergraduate, 2017 - 2018

İçme Sularının Arıtılması, Undergraduate, 2017 - 2018, 2016 - 2017

Fiziksel Temel İşlemler, Undergraduate, 2017 - 2018, 2016 - 2017

Çevre Mühendisliğinin Temelleri, Undergraduate, 2016 - 2017

Teknik İngilizce 2, Undergraduate, 2016 - 2017

Industrial Polymers and Applications in Environmental Engineering, Postgraduate, 2017 - 2018

İçme Sularının Arıtılması, Undergraduate, 2016 - 2017

Fiziksel Temel İşlemler, Undergraduate, 2016 - 2017

## Advising Theses

MORAL Ç., Nano Malzeme ile Oluşturulan Kompozit Alginat Boncukları ile Ağır Metal Giderimi, Postgraduate, T.Nur(Student), 2019

MORAL Ç., Atıksu Arıtma Tesislerinde Ağır Metallerin Akıbetinin Değerlendirilmesi: Antalya Örneği, Postgraduate, A.Demircan(Student), 2019

MORAL Ç., Alginat-Klinoptilolit Boncuklarının Sürekli Akışlı Reaktörde Ağır Metal Gideriminde Kullanımı, Postgraduate, E.Sultan(Student), 2019

MORAL Ç., Polimer - Zeolit Temelli Kompozit Adsorbentin Ağır Metal Gideriminde Değerlendirilmesi, Postgraduate, M.Yıldız(Student), 2018

MORAL Ç., Seracılık Sektöründe İş Sağlığı ve Güvenliği Uygulaması, Postgraduate, İ.Sakartepe(Student), 2016

MORAL Ç., Seracılık sektörü çalışanlarının iş sağlığı ve güvenliği konusundaki farkındalık ve tutumlarının incelenmesi, Postgraduate, İ.Alpay(Student), 2016

MORAL Ç., Sustainable seawater desalination, supplied by renewable energy sources, Development of the business model for Cape Verde, Africa, Postgraduate, M.Mihailovic(Student), 2014

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

- I. **Zinc oxide nanoparticles encapsulated in alginate beads: a promising and recyclable adsorbent for simultaneous uptake of toxic metals**  
Çevik T. N., MORAL Ç.  
Nanotechnology, vol.35, no.34, 2024 (SCI-Expanded)
- II. **A polymer - zeolite composite for mixed metal removal from aqueous solution**  
Yildiz Yigit M., Baran E. S., MORAL Ç.  
WATER SCIENCE AND TECHNOLOGY, vol.83, no.5, pp.1152-1166, 2021 (SCI-Expanded)
- III. **Guluronic acid content as a factor affecting turbidity removal potential of alginate**  
MORAL Ç., Ertesvag H., SANİN F. D.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.23, no.22, pp.22568-22576, 2016 (SCI-Expanded)
- IV. **Alginate Production from Alternative Carbon Sources and Use of Polymer Based Adsorbent in Heavy Metal Removal**  
MORAL Ç., YILDIZ M.  
INTERNATIONAL JOURNAL OF POLYMER SCIENCE, vol.2016, 2016 (SCI-Expanded)
- V. **Effect of Oxygen Tension and Medium Components on Monomer Distribution of Alginate**  
Moral C. K., DOĞAN Ö., SANİN F. D.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.176, no.3, pp.875-891, 2015 (SCI-Expanded)
- VI. **Comparison of chemical fractionation method and H-1-NMR spectroscopy in measuring the monomer block distribution of algal alginates**  
MORAL Ç., DOĞAN Ö., SANİN F. D.  
JOURNAL OF POLYMER ENGINEERING, vol.33, no.3, pp.239-246, 2013 (SCI-Expanded)
- VII. **Effect of sucrose concentration on monomer distribution of alginate**  
MORAL Ç., DOĞAN Ö., SANİN F. D.  
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- VIII. **Water treatment using a laboratory-grown biopolymer**  
MORAL Ç., DOĞAN Ö., SANİN F. D.  
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- IX. **An investigation of agitation speed as a factor affecting the quantity and monomer distribution of alginate from Azotobacter vinelandii ATCC(A (R)) 9046**  
Moral C. K., SANİN F. D.  
JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY, vol.39, no.3, pp.513-519, 2012 (SCI-Expanded)
- X. **Use of laboratory-grown bacterial alginate in copper removal**  
Moral C. K., DOĞAN Ö., SANİN F. D.  
WATER SCIENCE AND TECHNOLOGY, vol.65, no.11, pp.2003-2009, 2012 (SCI-Expanded)
- XI. **Homogeneous and heterogeneous catalytic ozonation of pulp bleaching effluent**  
Balcioglu I. A., MORAL Ç.  
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.11, no.3, pp.543-550, 2008 (SCI-Expanded)
- XII. **Merits of ozonation and catalytic ozonation pre-treatment in the algal treatment of pulp and paper mill effluents**  
Balcioglu I. A., Tarlan E., Kivilcimdan C., Sacan M. T.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.85, no.4, pp.918-926, 2007 (SCI-Expanded)
- XIII. **Application of ozonation and biotreatment for forest industry wastewater**  
Balcioglu I. A., Saraç C., Kivilcimdan C., Tarlan E.  
OZONE-SCIENCE & ENGINEERING, vol.28, no.6, pp.431-436, 2006 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Ağır Metallerin Alginat – Nano Kompozit Boncukları ile Giderimi: pH ve Adsorbent Bileşiminin Etkisi**

ÇEVİK T. N., MORAL Ç.

6. International Scientific Research Congress, 1 - 03 November 2019

- II. **Bibliometric analysis on use of mosses in air pollution studies and possibility of use for passive monitoring of PM10**  
OLGUN B., BİNGÖL F., MISIRLIOĞLU C., Doğan S., ERDEM ÜNŞAR A., MORAL Ç., DOĞAN G.  
18th World Clean Air Congress, İstanbul, Turkey, 23 - 27 September 2019, pp.597-602
- III. **Bibliometric analysis on use of mosses in air pollution studies and possibility of use for passive monitoring of PM10**  
OLGUN B., BİNGÖL F., MISIRLIOĞLU C., Doğan S., ERDEM ÜNŞAR A., MORAL Ç., DOĞAN G.  
18th World Clean Air Congress, İstanbul, Turkey, 23 - 27 September 2019, pp.597-602
- IV. **USE OF MOSSES AS BIO-TRACERS OF AIR POLLUTANTS AND CULTIVATION OF MOSSES IN THE LABORATORY**  
Doğan S., OLGUN B., BİNGÖL F., MISIRLIOĞLU C., ERDEM ÜNŞAR A., MORAL Ç., DOĞAN G.  
I. International Science and Innovation Congress, Denizli, Turkey, 26 - 29 August 2019, pp.628-632
- V. **USE OF MOSSES AS BIO-TRACERS OF AIR POLLUTANTS AND CULTIVATION OF MOSSES IN THE LABORATORY**  
Doğan S., OLGUN B., BİNGÖL F., MISIRLIOĞLU C., ERDEM ÜNŞAR A., MORAL Ç., DOĞAN G.  
I. International Science and Innovation Congress, Denizli, Turkey, 26 - 29 August 2019, pp.628-632
- VI. **Evaluation of Adsorption Kinetics for the Removal of Mixed Heavy Metals by Alginate – Nano Composite Beads**  
ÇEVİK T. N., MORAL Ç., ERDEM A.  
5th International Conference on Engineering and Natural Science, 12 - 16 June 2019
- VII. **Use of Alginate-Clinoptilolite Beads for Heavy Metal Removal in Continuous Reactors: Effect of Initial Metal Concentration**  
Baran E. S., MORAL Ç.  
5th International Conference on Engineering and Natural Science, 12 - 16 June 2019
- VIII. **Alginat - Klinoptilolit Boncuklarının Sürekli Akışlı Reaktörlerde Ağır Metallerin Gideriminde Kullanımı: Akış Hızı Etkisi**  
Baran E. S., MORAL Ç.  
4th European Conference on Science, Art, Culture (ECSAC), Antalya, Turkey, 18 - 21 April 2019, pp.67
- IX. **Atıksu Arıtma Tesislerinde Ağır Metallerin Akıbeti: Antalya Sonbahar Dönemi Örneği**  
Keyikoğlu A., MORAL Ç.  
4th European Conference on Science, Art, Culture (ECSAC), Antalya, Turkey, 18 - 21 April 2019, pp.54
- X. **Fate of Heavy Metals in Wastewater Treatment Plants: Sampling During Summer Period in Antalya**  
Keyikoğlu A., MORAL Ç.  
5th International Congress on Mathematics, Engineering, Natural and Medical Sciences, Gaziantep, Turkey, 22 - 25 November 2018, pp.98-105
- XI. **Evaluation of pH Effect and Adsorption Kinetics for Cadmium Removal by Alginate-Clinoptilolite Beads**  
Yıldız M., MORAL Ç.  
5th International Congress on Mathematics, Engineering, Natural and Medical Sciences, Gaziantep, Turkey, 22 - 25 November 2018, pp.92-97
- XII. **Use of Polymer-Zeolite Based Composite Adsorbent for the Removal of Mixed Heavy Metals**  
Yıldız M., MORAL Ç.  
4th International Conference on Recycling and Reuse, İstanbul, Turkey, 24 - 26 October 2018, pp.99-100
- XIII. **Use of Alginate- Clinoptilolite Beads for the Removal of Mixed Heavy Metals: Effect of Clinoptilolite Size and Alginate-Clinoptilolite Ratio**  
Yıldız M., MORAL Ç.  
4th International Conference on Environmental Science and Technology, Kiev, Ukraine, 19 - 23 September 2018, pp.133-137
- XIV. **Occurrence of Micropollutants in Wastewater Treatment Plants: Antalya, Turkey Case Study**

- ERDEM A., Özkaleli M., MORAL Ç., Kurt Karakuş P. B.  
4th International Conference on Environmental Science and Technology, Kiev, Ukraine, 19 - 23 September 2018, pp.61
- XV. **Use of Alginate- Clinoptilolite Beads in an Adsorption Column for Copper Removal: Effect of Metal Concentration**  
Baran E. S., MORAL Ç.  
4th International Conference on Environmental Science and Technology, Kiev, Ukraine, 19 - 23 September 2018, pp.29
- XVI. **Occurrence of Micropollutants in Wastewater Treatment Plants: Antalya, Turkey Case Study**  
Erdem A., Özkaleli M., Moral Ç., Kurt Karakuş P. B.  
4th International Conference on Environmental Science and Technology, Kyyiv, Ukraine, 19 - 23 September 2018, pp.61
- XVII. **Effect of Clinoptilolite Size and Alginate – Clinoptilolite Ratio on Copper Removal by Alginate – Clinoptilolite Beads**  
Yıldız M., MORAL Ç.  
International Symposium Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018, pp.723
- XVIII. **Use of Alginate – Clinoptilolite Beads for the Treatment of a Synthetic Heavy Metal Mixture: pH Effect**  
Yıldız M., MORAL Ç.  
International Symposium Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018, pp.129
- XIX. **Use of Composite Alginate Beads for Heavy Metal Removal by Continuous Flow Reactors: A Literature Review**  
Baran E. S., MORAL Ç.  
International Symposium Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018, pp.719
- XX. **Effect of Medium pH on Copper Removal and Kinetics of Adsorption by Alginate – Clinoptilolite Beads**  
Yıldız M., MORAL Ç.  
International Symposium Ecology 2018, Kastamonu, Turkey, 19 - 23 June 2018, pp.722
- XXI. **Evaluation of Awareness Levels of Greenhouse Workers on Occupational Health and Safety: Health Related Issues**  
MORAL Ç., Sakartepe İ. A.  
9th International Congress on Safety and Health, İstanbul, Turkey, 6 - 09 May 2018, pp.1
- XXII. **Evaluation of Awareness Levels of Greenhouse Workers on Occupational Health and Safety: Psychosocial Issues**  
MORAL Ç., Sakartepe İ. A.  
9th International Congress on Safety and Health, İstanbul, Turkey, 6 - 09 May 2018, pp.1
- XXIII. **Awareness Levels of Greenhouse Workers on Occupational Health and Safety: Mechanical Concerns**  
Sakartepe İ. A., MORAL Ç.  
3rd ASM International Congress of Agriculture and Environment, Antalya, Turkey, 16 - 18 November 2017, pp.54
- XXIV. **Awareness Levels of Greenhouse Workers on Occupational Health and Safety: Physical Concerns**  
Sakartepe İ. A., MORAL Ç.  
3rd ASM International Congress of Agriculture and Environment, Antalya, Turkey, 16 - 18 November 2017, pp.50
- XXV. **Laboratuvar Ortamında Yetiştirilen Karayosunlarının Ortam Havası Partiküler Madde Örneklemesi Performansının Belirlenmesi**  
Olgun B., Doğan G., Erdem A., Moral Ç.  
7. Ulusal Hava Kirliliği ve Kontrolü Sempozyumu, Antalya, Turkey, 1 - 03 November 2017, pp.187-197
- XXVI. **Karayosunları İle Hava Kalitesi Örneklemesi: Bitmiş Mi Başlıyor Mu?**  
OLGUN B., TEPE A. M., MORAL Ç., ERDEM A., DOĞAN G.  
7. Ulusal Hava Kirliliği ve Kontrolü Sempozyumu, Antalya, Turkey, 1 - 03 November 2017, pp.187
- XXVII. **Toxic Equivalency Approach for Risk Assessment of Polyaromatic Hydrocarbons, Antalya, Turkey Case Study**

- ÖZKALELİ M., ERDEM A., Kurt Karakuş P. B., Günay A., MORAL Ç., ASİLTÜRK M.  
III International Conference on Environmental Science and Technology, Budapeşte, Hungary, 19 - 23 October 2017, pp.76
- XXVIII. **Preparation and Characterization of Zinc Oxide/Activated Carbon Composites for Heterogeneous Photocatalysis Application**  
GÜNAY A., ÖZKALELİ M., MORAL Ç., ERDEM A., ASİLTÜRK M.  
International Congress on Chemical, Biological and Environmental Sciences, Kyoto, Japan, 9 - 11 May 2017, vol.1, no.1, pp.138-140
- XXIX. **Current Research Trends in Environmental Engineering: Content Analysis of Publications on Micropollutants**  
ÖZKALELİ M., GÜNAY A., ASİLTÜRK M., MORAL Ç., ERDEM A.  
International Congress on Chemical, Biological and Environmental Sciences, Kyoto, Japan, 9 - 11 May 2017, vol.1, no.1, pp.35-37
- XXX. **Comparison of Two Different Photocatalysts for Photodegradation of Bisphenol-A in Water under UV Light Irradiation**  
GÜNAY A., ÖZKALELİ M., MORAL Ç., ERDEM A., ASİLTÜRK M.  
International Congress on Chemical, Biological and Environmental Sciences, Kyoto, Japan, 9 - 11 May 2017, vol.1, no.1, pp.465-467
- XXXI. **Application of alginate-clinoptilolite beads for the removal of heavy metals**  
Yıldız M., MORAL Ç.  
SETAC Europe 27th Annual Meeting, Brüksel, Belgium, 7 - 11 May 2017, pp.8
- XXXII. **Effect of Guluronic Acid Content on Turbidity Removal Potential of Bacterial Alginate**  
MORAL Ç., Ertesvåg H., Sanin F. D.  
IWA World Water Congress and Exhibition, Brisbane, Australia, 9 - 13 October 2016, pp.1-6
- XXXIII. **Perception of workers on environmentally sound chemical application for greenhouse practices**  
Sakartepe İ. A., MORAL Ç., GEDİK K.  
1st International Black Sea Congress on Environmental Sciences, Giresun, Turkey, 31 August - 03 September 2016, pp.452-459
- XXXIV. **The Importance of Whole Water Approach In Establishing the Environmental Quality Standards of Water Framework Directive**  
ÖZKALELİ M., ERDEM A., ASİLTÜRK M., MORAL Ç., GÜNAY A., KURT KARAKUŞ P. B.  
1st International Black Sea Congress On Environmental Sciences (IBCESS), Giresun, Turkey, 31 August - 03 September 2016, vol..
- XXXV. **Preliminary Assessment of the Future Needs for Micropollutants in Turkey under Water Framework Directive Using Bibliometric Approach**  
ÖZKALELİ M., ERDEM A., KURT KARAKUŞ P. B., MORAL Ç., ASİLTÜRK M.  
SETAC Europa 26th Annual Meeting, Nantes, France, 22 - 26 May 2016, vol..
- XXXVI. **Preliminary Assessment of the Future Needs for Micropollutants in Turkey under Water Framework Directive Using Bibliometric Approach**  
Özkaleli M., GEDİK K., ERDEM A., Kurt Karakuş P. B., MORAL Ç., ASİLTÜRK M.  
SETAC Europe 26th Annual Meeting, Nantes, France, 22 - 26 May 2016, pp.1
- XXXVII. **Determination of Awareness Levels of Greenhouse Workers on Occupational Health and Safety**  
Sakartepe İ. A., MORAL Ç., GEDİK K.  
8. International Conference on Safety and Health, İstanbul, Turkey, 8 - 11 May 2016, pp.209
- XXXVIII. **Seracılık Sektöründe İş Sağlığı ve Güvenliği Uygulaması**  
Sakartepe İ. A., GEDİK K., MORAL Ç.  
11. Ulusal Çevre Mühendisliği Kongresi, Bursa, Turkey, 15 - 17 October 2015, vol.2, pp.780
- XXXIX. **Alternatif Bir Karbon Kaynağı olarak Bakteriye Alginat Üretiminde Maltozun Kullanımı**  
MORAL Ç., ERDEM A.  
Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Afyonkarahisar, Turkey, 21 - 24 August 2015, pp.68
- XL. **Bakteriyel Alginat Üretiminde Alternatif Bir Karbon Kaynağı olarak Melas**

MORAL Ç.

4. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Afyonkarahisar, Turkey, 21 - 24 August 2015, pp.13

- XLII. **The Effect of Nano-ZnO Ecotoxicity on *P. subcapitata***  
Özkaleli M., ERDEM A., MORAL Ç.  
SETAC Europe 25th Annual Meeting, Barcelona, Spain, 3 - 07 May 2015, pp.297
- XLIII. **The Effect of Nano-ZnO Ecotoxicity on *P. subcapitata***  
Özkaleli M., ERDEM A., MORAL Ç.  
SETAC Europe 25th Annual Meeting, Barcelona, Spain, 3 - 07 May 2015, pp.297
- XLIV. **Investigation of the Influence of Meteorological Parameters on PM10 Levels in Antalya Turkey**  
TEPE A. M., DOĞAN G., MORAL Ç.  
2nd International Symposium on Environment and Morality, Adiyaman, Turkey, 24 - 26 October 2014, pp.961-967
- XLV. **Comparison of PM10 and SO2 Concentrations in the Cities Located at the Mediterranean Coast of Turkey**  
DOĞAN G., TEPE A. M., MORAL Ç.  
2nd International Symposium on Environment and Morality, Adiyaman, Turkey, 24 - 26 October 2014, pp.943-950
- XLVI. **Comparison of PM10 and SO2 Concentrations in the Cities Located at the Mediterranean Coast of Turkey**  
DOĞAN G., TEPE A. M., MORAL Ç.  
2nd International Symposium on Environment and Morality, Adiyaman, Turkey, 24 - 26 October 2014, pp.943-950
- XLVII. **Comparison of PM10 and SO2 Concentrations in the Cities Located at the Mediterranean Coast of Turkey**  
DOĞAN G., TEPE A. M., MORAL Ç.  
2nd International Symposium on Environment and Morality, Adiyaman, Turkey, 24 - 26 October 2014, pp.943-950
- XLVIII. **Investigation of the Influence of Meteorological Parameters on PM10 Levels in Antalya Turkey**  
TEPE A. M., DOĞAN G., MORAL Ç.  
2nd International Symposium on Environment and Morality, Adiyaman, Turkey, 24 - 26 October 2014, pp.961-967
- XLIX. **Investigation of the Influence of Meteorological Parameters on PM10 Levels in Antalya Turkey**  
TEPE A. M., DOĞAN G., MORAL Ç.  
2nd International Symposium on Environment and Morality, Adiyaman, Turkey, 24 - 26 October 2014, pp.961-967
- XLIX. **Production of Alginate by *Azotobacter vinelandii* from Alternative Carbon Sources**  
MORAL Ç.  
Fourth International Symposium on Green Chemistry for Environment, Health and Development, Kos, Greece, 24 - 26 September 2014, pp.33
- L. **Effect of Oxygen Tension on Monomer Distribution of Alginate and Its Use in Turbidity Removal**  
MORAL Ç., Doğan Ö., Sanin F. D.  
2nd International Conference on Environmental Science and Technology, Antalya, Turkey, 14 - 17 May 2014, pp.53-54
- LI. **Industrial Polymers and Their Use in Environmental Engineering**  
MORAL Ç.  
17th International Symposium on Environmental Pollution and Its Impact on Life in the Mediterranean Region, İstanbul, Turkey, 28 September - 01 October 2013, pp.267
- LII. **Endüstriyel Polimerler ve Çevre Mühendisliği'nde Kullanımı**  
MORAL Ç.  
10. Ulusal Çevre Mühendisliği Kongresi, Çevre Yönetimi, Ankara, Turkey, 12 - 14 September 2013, pp.595-599
- LIII. **Use of Post-Epimerized Alginate in Turbidity Removal**

MORAL Ç., Ertesvåg H., Sanin F. D.

Istanbul International Solid Waste, Water and Wastewater Congress, İstanbul, Turkey, 22 - 24 May 2013, pp.212-213

**LIV. Water Treatment Using a Laboratory Grown Biopolymer**

MORAL Ç., Doğan Ö., Sanin F. D.

15th European Conferences on Biotechnology, İstanbul, Turkey, 23 - 26 September 2012, vol.29, pp.175-176

**LV. Effect of Sucrose Concentration on Monomer Distribution of Alginate**

MORAL Ç., Doğan Ö., Sanin F. D.

15th European Conferences on Biotechnology, İstanbul, Turkey, 23 - 26 September 2012, vol.29, pp.55

**LVI. Sukroz Konsantrasyonunun Alginatın Monomer Dağılımına Etkisi**

MORAL Ç., Doğan Ö., Sanin F. D.

17. Ulusal Biyoteknoloji Kongresi, İstanbul, Turkey, 23 - 26 September 2012, pp.35-39

**LVII. Effect of Calcium Ion Concentration on Monomer Distribution of Alginate and Its Use in Water Treatment**

MORAL Ç., Doğan Ö., Sanin F. D.

6th International Conference on Environmental Science and Technology, Houston, United States Of America, 25 - 29 June 2012, pp.135

**LVIII. Azotobacter vinelandii ATCC® 9046 ile Alginate Üretimi ve Bulanıklık Gideriminde Kullanımı**

MORAL Ç., Sanin F. D.

9. Ulusal Çevre Mühendisliği Kongresi, Çevre Yönetimi, Samsun, Turkey, 5 - 08 October 2011, pp.8-13

**LIX. Alginate Production by Azotobacter vinelandii ATCC 9046 and Its Use in Turbidity Removal**

MORAL Ç., Sanin F. D.

Second International Symposium on Green Chemistry for Environment and Health, Mikanos, Greece, 27 - 29 September 2010, pp.17

**LX. Katalitik Ozonlama Prosesi İle Kağıt Ağartma Atıksuyunun Arıtımı**

MORAL Ç., Balcioğlu Akmehmet I.

7. Ulusal Çevre Mühendisliği Kongresi, Yaşam, Çevre, Teknoloji, İzmir, Turkey, 24 - 27 October 2007, pp.176-185

**LXI. Treatment of Pulp Bleaching Effluent by Catalytic Ozonation Process**

MORAL Ç., Balcioğlu Akmehmet I.

14th International Symposium on Environmental Pollution and Its Impact on Life in the Mediterranean Region, Sevilla, Spain, 10 - 14 October 2007, pp.361

**LXII. Lab Scale Evaluation of Thermal, Thermo-Chemical and Acidic Pretreatment of Sludge to Improve Anaerobic Digestion**

Doğan I., Köksoy G. T., Kara F., MORAL Ç., Sanin F. D.

IWA 2007, 'Facing Sludge Diversities: Challenges, Risks, and Opportunities, Antalya, Turkey, 28 - 30 March 2007, pp.149-156

**LXIII. Application of Ozonation and Biotreatment for Forest Industry Wastewater**

Balcioğlu Akmehmet I., Saraç C., MORAL Ç., Tarlan E.

The International Ozone Association is organizing a World Congress & Exhibition entitled: Ozone and Related Oxidants: Innovative and Current technologies, Strasbourg, France, 22 - 25 August 2005, pp.66

**LXIV. Comparison of Catalyzed and Noncatalyzed Ozonation of Kraft pulp Effluent and Effect on Biodegradability**

Balcioğlu Akmehmet I., Saçan M. T., Tarlan E., MORAL Ç.

The First European Conference on Oxidation and Reduction Technologies for Ex-Situ and In-situ Treatment of Water , Air and Soil, Göttingen, Germany, 25 - 28 April 2004, pp.161

## Supported Projects

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