

Prof. Selami DEMİR

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 174164

Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey

2007 - 2011

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey

2005 - 2007

Undergraduate, Marmara University, Faculty Of Engineering, Çevre Mühendisliği, Turkey 1999 - 2005

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İstanbul atmosferinde uçucu organik bileşik kirliliğinin kaynaklarının belirlenmesi: YTÜ Davutpaşa kampüsü örneği, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Çevre Mühendisliği, 2011

Postgraduate, Katı atık düzenli depo sahalarından kaynaklanan VOC emisyonlarının dağılımının modellenmesi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Çevre Mühendisliği, 2007

Research Areas

Environmental Engineering, Environmental Technology, Environmental Modeling, Air Pollution and Control, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2021 - Continues

Associate Professor, Yıldız Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2015 - 2021

Assistant Professor, Yıldız Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2012 - 2015

Research Assistant PhD, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2011 - 2012

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2005 - 2011

Academic and Administrative Experience

Fakülte Akademik Kurul Üyesi, Yildiz Technical University, Faculty of Civil Engineering, 2016 - 2019

Courses

Hava Kirliliği, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Hava Kirliliği Kontrolü, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Sayısal Analiz, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Endüstriyel Hava Kirliliği Kontrolü, Undergraduate, 2016 - 2017, 2015 - 2016

Hava Kirliliğinde Dispersiyon Modelleri, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Hava Kirliliğinde Reseptör Modelleri, Doctorate, 2015 - 2016, 2012 - 2013

Temel Bilgisayar Bilimleri, Undergraduate, 2013 - 2014, 2012 - 2013

Advising Theses

DEMİR S., Farklı Filtrasyon Hızları ve Demir- Mangan Konsantrasyonlarının Filtre Verimine Etkisinin Araştırılması, Postgraduate, E.Burcu(Student), 2018

DEMİR S., Siklonlarda Giriş Paletlerinin Performans Üzerindeki Etkilerinin Deneysel ve Nümerik Olarak İncelenmesi, Doctorate, A.KARADENİZ(Student), 2016

DEMİR S., Siklon geometrisinin siklon performansı üzerine etkilerinin deneysel ve nümerik olarak belirlenmesi, Postgraduate, A.KARADENİZ(Student), 2015

DEMİR S., Meteorolojik Parametrelerin Atmosferik Uçucu Organik Bileşikleri Üzerine Etkisinin Yapay Sinir Ağları ile Modellenmesi, Postgraduate, N.ALTINKUM(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental Investigation of the Effects of Helical Roof on the Performance of Stairmand High Efficiency Cyclone**
Karadeniz A., Demir S.
INTERNATIONAL JOURNAL OF CHEMICAL ENGINEERING, vol.2021, pp.1-7, 2021 (SCI-Expanded)
- II. **Sensitivity analysis and principal component analysis for the determination of the most influential kinetic parameters in activated sludge modeling**
Demir S., Atçı E. B.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.9, no.5, pp.1-11, 2021 (SCI-Expanded)
- III. **Assessment of H₂S and BTEX concentrations in ambient air using passive sampling method and the health risks**
Ulutaş K., Kaskun S., Demir S., Dinçer F., Pekey H.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.193, pp.399-409, 2021 (SCI-Expanded)
- IV. **Implementation of Activated Sludge Model No. 3 as an educational tool: bioXL3**
DEMİR S., MANAV DEMİR N.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.28, no.5, pp.1154-1173, 2020 (SCI-Expanded)
- V. **An MS excel add-in for teaching hydraulics of pipe flow in engineering curricula**

Demir S., Duman S., Manav Demir N., Karadeniz A., Lubura E.

COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.26, pp.449-459, 2018 (SCI-Expanded)

- VI. **An MS Excel tool for water distribution network design in environmental engineering education**
Demir S., Manav Demir N., Karadeniz A.
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.26, pp.203-214, 2018 (SCI-Expanded)
- VII. **Investigating Biomass Formations at Different Depths in a Slow Sand Filter**
Manav Demir N., Atçı E. B., Demir S., Karadeniz A.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.27, pp.1463-1474, 2018 (SCI-Expanded)
- VIII. **AN MS EXCEL TOOL FOR WASTEWATER TREATMENT MODELING IN UNDERGRADUATE EDUCATION: ACTIVATED SLUDGE MODEL NO. 1**
MANAV DEMİR N., DEMİR S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.12, pp.7008-7017, 2017 (SCI-Expanded)
- IX. **Effects of cylindrical and conical heights on pressure and velocity fields in cyclones**
DEMİR S., KARADENİZ A., Aksel M.
POWDER TECHNOLOGY, vol.295, pp.209-217, 2016 (SCI-Expanded)
- X. **Using Steepness Coefficient to Improve Artificial Neural Network Performance for Environmental Modeling**
Demir S., Karadeniz A., Manav Demir N.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.25, pp.1467-1477, 2016 (SCI-Expanded)
- XI. **Artificial Neural Network Simulation of Cyclone Pressure Drop: Selection of the Best Activation Function in Iraq**
Demir S., Karadeniz A., Manav Demir N.
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.25, pp.1891-1899, 2016 (SCI-Expanded)
- XII. **A practical model for estimating pressure drop in cyclone separators: An experimental study**
Demir S.
POWDER TECHNOLOGY, vol.268, pp.329-338, 2014 (SCI-Expanded)
- XIII. **Investigation of temporal and spatial variations in atmospheric concentrations of PCDDs and PCDFs in Istanbul**
Gunes G., Sara A., Celikten H., KUZU S. L., DEMİR S., Uygur N.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.488, pp.471-476, 2014 (SCI-Expanded)
- XIV. **Flux potentials of aerosols and their spatial variations in a coastal metropolis**
Uygur N., Saral A., Yetilmezsoy K., Demir S., Kuzu S. L., Celikten H., Abdul-Wahab S. A.
ATMOSPHERIC SCIENCE LETTERS, vol.15, pp.227-238, 2014 (SCI-Expanded)
- XV. **Ambient polychlorinated biphenyl levels and their evaluation in a metropolitan city**
KUZU S. L., SARAL A., Summak G., Coltu H., DEMİR S.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.472, pp.13-19, 2014 (SCI-Expanded)
- XVI. **Atmospheric PCDD/PCDF emission inventory for Turkey**
SARAL A., Gunes G., DEMİR S.
ATMOSPHERIC POLLUTION RESEARCH, vol.5, no.1, pp.24-33, 2014 (SCI-Expanded)
- XVII. **Estimation of atmospheric PCB releases from industrial facilities in Turkey**
KUZU S. L., SARAL A., DEMİR S., Coltu H., Can M., Beyaz T.
ATMOSPHERIC POLLUTION RESEARCH, vol.4, no.4, pp.420-426, 2013 (SCI-Expanded)
- XVIII. **A detailed investigation of ambient aerosol composition and size distribution in an urban atmosphere**
KUZU S. L., SARAL A., DEMİR S., Summak G., Demir G.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.20, no.4, pp.2556-2568, 2013 (SCI-Expanded)
- XIX. **Identification and Apportionment of Sources of Ozone-forming Potential for Proper Reduction Strategies**
DEMİR S., SARAL A.
CLEAN-SOIL AIR WATER, vol.41, no.2, pp.107-112, 2013 (SCI-Expanded)
- XX. **Meteorological parameters as an important factor on the energy recovery of landfill gas in landfills**

Uyanik I., Ozkaya B., DEMİR S., ÇAKMAKCI M.

JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY, vol.4, no.6, 2012 (SCI-Expanded)

- XXI. **Effect of diurnal changes in VOC source strengths on performances of receptor models**
Demir S., Saral A., Erturk F., Kuzu S. L., Goncaloğlu B. İ., Demir G.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.19, pp.1503-1514, 2012 (SCI-Expanded)
- XXII. **ASSESSMENT OF LEVELS AND ASSOCIATED RISKS OF EXPOSURE TO VOCs RELEASED FROM MSW LANDFILL SITES**
DEMİR S., SARAL A., KUZU S. L.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.781-788, 2012 (SCI-Expanded)
- XXIII. **AN AIR QUALITY MONITORING STRATEGY FOR A SHIPYARD REGION (TUZLA, ISTANBUL, TURKEY) BASED ON DISPERSION MODELLING AND ON-SITE AMBIENT MEASUREMENTS**
SARAL A., DEMİR S., Birpınar M. E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.967-975, 2012 (SCI-Expanded)
- XXIV. **Characterization of ambient volatile organic compounds and their diurnal variations in Istanbul, Turkey**
DEMİR S., SARAL A., Işık D., Akyıldız A., KUZU S. L., Mert S., Demir G., GONCALOĞLU B. İ.
Fresenius Environmental Bulletin, vol.20, no.11, pp.2951-2958, 2011 (SCI-Expanded)
- XXV. **A New Modification to the Chemical Mass Balance Receptor Model for Volatile Organic Compound Source Apportionment**
DEMİR S., SARAL A.
CLEAN-SOIL AIR WATER, vol.39, no.10, pp.891-899, 2011 (SCI-Expanded)
- XXVI. **Characterization of Ambient Volatile Organic Compounds and Their Diurnal Variations in İstanbul, Turkey**
Demir S., Saral A., Işık D., Akyıldız A., Kuzu S. L., Mert S., Demir G., Goncaloğlu B. İ.
Fresenius Environmental Bulletin, vol.20, no.11, pp.2951-2958, 2011 (SCI-Expanded)
- XXVII. **Combined Use of Principal Component Analysis (PCA) and Chemical Mass Balance (CMB) for Source Identification and Source Apportionment in Air Pollution Modeling Studies**
DEMİR S., SARAL A., ERTURK F., KUZU L.
WATER AIR AND SOIL POLLUTION, vol.212, pp.429-439, 2010 (SCI-Expanded)
- XXVIII. **Assessment of odorous VOCs released from a main MSW landfill site in Istanbul-Turkey via a modelling approach**
SARAL A., DEMİR S., Yıldız S.
JOURNAL OF HAZARDOUS MATERIALS, vol.168, no.1, pp.338-345, 2009 (SCI-Expanded)
- XXIX. **Development of a modified Hardy-Cross algorithm for time-dependent simulations of water distribution networks**
Demir S., Yetilmezsoy K., Manav N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, pp.1045-1053, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Model-based investigation of the effects of reactors' hydraulic retention times on phosphorus removal efficiency in an AO process**
YASAR S., MANAV DEMİR N., ATÇI E. B., DEMİR S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.29, no.6, pp.636-641, 2023 (ESCI)
- II. **Simulation of Physical, Chemical, and Biochemical Environmental Processes with Spreadsheets and VBA**
Demir S.
SPREADSHEETS IN EDUCATION, vol.12, no.3, 2021 (ESCI)
- III. **Influence of 3d printing process parameters on the radiation characteristics of dense dielectric lens**

antennas

TOKAN F., DEMİR S., ÇALIŞKAN A.

Progress In Electromagnetics Research C, vol.116, pp.113-128, 2021 (Scopus)

- IV. **EXPERIMENTAL AND NUMERICAL INVESTIGATION OF THE EFFECTS OF VORTEX FINDER GEOMETRY ON CYCLONE PERFORMANCE**
Karadeniz A., AYVAZ C., DEMİR S., Aksel M., SARAL A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, no.4, pp.1811-1823, 2020 (ESCI)
- V. **MODEL-BASED ANALYSIS OF THE EFFECTS OF RECYCLE RATIOS ON THE PERFORMANCE OF AN A²O PROCESS**
Manav Demir N., Demir S.
Sigma Journal of Engineering and Natural Sciences, vol.38, no.4, pp.1741-1751, 2020 (ESCI)
- VI. **ARTIFICIAL NEURAL NETWORK SIMULATION OF ADVANCED BIOLOGICAL WASTEWATER TREATMENT PLANT PERFORMANCE**
DEMİR S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, no.4, pp.1713-1728, 2020 (ESCI)
- VII. **COMPARISON OF PERFORMANCES OF BIOLOGICAL NUTRIENT REMOVAL SYSTEMS FOR MUNICIPAL WASTEWATER TREATMENT**
DEMİR S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, no.3, pp.1235-1248, 2020 (ESCI)
- VIII. **Solution to Secondary Sedimentation Problem by Spreadsheet and VBA**
Demir S.
Spreadsheets in Education, vol.12, no.2, pp.1-13, 2020 (ESCI)
- IX. **CUT DIAMETER OF CYCLONE SEPARATORS: PART I. MULTIPLE NONLINEAR REGRESSION**
DEMİR S., Karadeniz A., ULUTAŞ K.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, no.2, pp.613-622, 2020 (ESCI)
- X. **CFD ANALYSIS OF MINI VENTURI-TYPE AIR FLOWMETERS FOR LAB-SCALE APPLICATIONS**
DEMİR S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, no.2, pp.603-612, 2020 (ESCI)
- XI. **EVALUATION OF THE SUITABILITY OF GLOBAL GRADIENT ALGORITHM AND INVERSE MATRIX METHOD FOR STEADY-STATE ANALYSIS OF WATER DISTRIBUTION NETWORKS IN ENGINEERING EDUCATION**
Demir S.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.7, no.1, pp.23-33, 2018 (Peer-Reviewed Journal)
- XII. **IMPLEMENTATION OF AN MS EXCEL TOOL FOR BACKPROPAGATION NEURAL NETWORK ALGORITHM IN ENVIRONMENTAL ENGINEERING EDUCATION**
DEMİR S., MANAV DEMİR N., KARADENİZ A., CİVELEK YÖRÜKLÜ H.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.36, no.1, pp.251-260, 2018 (ESCI)
- XIII. **An MS Excel Add-in for Calculating Darcy Friction Factor**
Duman S., Demir S., Manav Demir N., Karadeniz A.
SPREADSHEETS IN EDUCATION, vol.10, 2018 (ESCI)
- XIV. **Excel VBA-Based Solution to Pipe Flow Measurement Problem**
Demir S., Karadeniz A., Manav Demir N., Duman S.
SPREADSHEETS IN EDUCATION, vol.10, 2018 (ESCI)
- XV. **Olfaktometrik Yöntem ile Atıksu Arıtma Tesisi Ünitelerinde Koku Düzeylerinin Belirlenmesi**
Ulutaş K., Pekey H., DEMİR S., Dinçer F.

Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, vol.19, no.57, pp.867-877, 2017 (Peer-Reviewed Journal)

- XVI. **AN MS EXCEL TOOL FOR PARAMETER ESTIMATION BY MULTIVARIATE NONLINEAR REGRESSION IN ENVIRONMENTAL ENGINEERING EDUCATION**
DEMİR S., KARADENİZ A., CİVELEK YÖRÜKLÜ H., MANAV DEMİR N.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.35, no.2, pp.265-273, 2017 (ESCI)
- XVII. **EFFECTS OF VARYING INLET IRON AND MANGANESE CONCENTRATIONS ON SLOW SAND FILTER PERFORMANCE**
Manav Demir N., Atıcı E. B., Demir S.
Sigma Journal of Engineering and Natural Sciences, vol.34, pp.505-515, 2016 (ESCI)

Books & Book Chapters

- I. **MS Excel'le Boru Hidroliği - HidroXL**
Demir S., Manav Demir N., Karadeniz A., Duman S.
Yıldız Teknik Üniversitesi, İstanbul, 2019
- II. **Su Arıtma Tesislerinin İşletme Esasları**
ÇAKMAKCI M., ÖZKAYA B., YETİLMEZSOY K., DEMİR S.
.C. Orman Ve Su İşleri Bakanlığı, Su Yönetimi Genel Müdürlüğü, İstanbul, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Inlet and Outlet Heights on Clean Pressure Drop in a Cyclone**
Karadeniz A., Ayvaz C., Ulutaş K., Demir S.
1st International Conference on Environment, Technology, and Management, Niğde, Turkey, 27 June - 29 July 2019, pp.1
- II. **Evaluation of performances of turbulence models for CFD simulation of cyclone separators**
Gençoğlu S., Karadeniz A., Aksel M., Demir S.
1st International Conference on Environment, Technology, and Management, Niğde, Turkey, 27 - 29 June 2019, vol.1, no.1, pp.1
- III. **Artificial neural network modeling of discrete settling process**
Demir S., Avşar Y., Manav Demir N.
1st International Conference on Environment, Technology, and Management, Niğde, Turkey, 27 - 29 June 2019, vol.1, no.1, pp.147-156
- IV. **Stairmand Tipi Yüksek Verimli Siklon Geometrisinde Değişen Giriş Yapısı Boyutlarının Temiz Basınç Kaybına Etkilerinin Fiziksel ve Nümerik Metotlarla Araştırılması**
KARADENİZ A., Aksel M., DEMİR S.
11. Ulusal Çevre Mühendisliği Kongresi, Bursa, Turkey, 01 October 2015, pp.1
- V. **Spatial and Temporal Investigation of the Effects of Anthropogenic Emissions on Marine Aerosol: Case Study for Istanbul Coastline**
Babaoğlu N., Saral A., Demir S., Kuzu S. L., Güneş G.
XIII. Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 17 - 19 October 2012, pp.1-6
- VI. **Poliklorlu dibenzo-p-dioksin/furan (PCDD/F) ve dioksin benzeri poliklorlubifenil (DB-PCB) bileşiklerinin atmosferik konsantrasyonlarının kentsel ve yarı kentsel alanlarda araştırılması**
Saral A., Kuzu S. L., DEMİR S., Uygur N.
İTÜ XIII. Endüstriyel Kirlenme Kontrolü Sempozyumu EKK'12, 01 October 2012, vol.1
- VII. **Antropojenik emisyonların deniz aerosolü içeriği üzerine olan etkilerinin dönemsel ve bölgesel olarak incelenmesi: İstanbul Marmara Denizi Kıyısı Örneği**
Saral A., DEMİR S., Kuzu S. L., Güneş G., Türkyılmaz M., Umulu R.

İTÜ XIII. Endüstriyel Kirlenme Kontrolü Sempozyumu EKK'12, 01 October 2012, vol.1

- VIII. **Variations in chemical compositions of the aerosols in Istanbul, 4th Air Quality Management at Urban**
Uygur N., SARAL A., DEMİR S., KUZU S. L., Güneş G.
4th Air Quality Management at Urban, Regional and Global Scales, İstanbul, Turkey, 10 September 2012, pp.1-6
- IX. **Particle Number Estimation in Ambient Aerosols Using a Cascade Impactor**
Kuzu S. L., Saral A., Demir S., Summak G., Güneş G., Babaoğlu N.
4th Air Quality Management at Urban, Regional and Global Scales,, İstanbul, Turkey, 10 - 13 September 2012, pp.1-8
- X. **Determining the impact of traffic on aerosol composition in Istanbul**
SARAL A., BABAOĞLU N., DEMİR S., KUZU S. L., GÜNEŞ G.
4th Air Quality Management at Urban, Regional and Global Scales, 10 - 13 September 2012
- XI. **Identificaiton and apporionment of ozone forming potential in an urban atmosphere by PCA-MLR**
Saral A., Demir S., Işık D., Akyıldız A., Kuzu S. L., Güneş G., Çelikten H., Babaoğlu N.
4th Air Quality Management at Urban, Regional and Global Scales, İstanbul, Turkey, 10 - 13 September 2012, pp.1-10
- XII. **Determination of gas/particle partitioning of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in Istanbul atmosphere**
SARAL A., ÇELİK TEN H., DEMİR S., KUZU S. L., UYGUR N.
İSTANBUL TEKNİK ÜNİVERSİTESİ, 01 September 2012
- XIII. **İçme Suyu Şebekelerinin Hidrolik Simülasyonunda Kullanılan Hardy-Cross ve Newton-Gradyen Yöntemlerinin Kıyaslanması**
DEMİR S., AĞAÇCIOĞLU H., ÖZKAYA B.
YTÜ İNŞAAT FAKÜLTESİ ÇALIŞTAYI, 01 June 2012
- XIV. **Investigation of Metal Casting Industry from Environmental Aspects, up-to-date Environmental Problems and Their Solutions**
Kocabıyık O., Oktorvacı G., Demir S., Kuzu S. L., Saral A.
4th Foundry and Environment Symposium, İstanbul, Turkey, 17 - 18 November 2011, pp.113-117
- XV. **Evaluation of Scrap Aluminum Smelter Emissions and Air Control Equipment**
Kuzu S. L., Saral A., Demir S.
4th Foundry and Environment Symposium, İstanbul, Turkey, 17 - 18 November 2011, pp.113-117
- XVI. **Katı Atık Depo Sahalarından Kaynaklanan Koku Emisyonlarının Dispersiyon Modellemesinde Farklı Yaklaşımların Kıyaslanması**
DEMİR S., SARAL A., ERTEN H.
İSTANBUL TEKNİK ÜNİVERSİTESİ, 01 June 2008
- XVII. **Endüstri Tesislerinden Kaynaklanan Hava Kirliliğinin Kontrolü Yönetmeliğinin Hava Kalitesi Modellemesi Açısından Değerlendirilmesi**
ERTÜRK F., DEMİR S.
İSTANBUL TEKNİK ÜNİVERSİTESİ, 01 June 2008
- XVIII. **Assessment of Adverse Effects on Ambient Air Quality of a Cement Manufacturing Facility that is Planned to be Installed in Adapazari, Turkey**
KUZU S. L., DEMİR S., SARAL A., Alp K., ERTÜRK F.
International Symposium on Environment, Bişkek, Kyrgyzstan, 20 May 2008, pp.1-10
- XIX. **İSTAÇ Odayeri Katı Atık Düzenli Depo Sahasından Kaynaklanan VOClerin Tespiti**
DEMİR S., SARAL A., ERTEN H., YILDIZ Ş., HOŞOĞLU F., SALTABAŞ F.
YILDIZ TEKNİK ÜNİVERSİTESİ, 01 May 2007
- XX. **Katı Atık Depo Sahalarından Kaynaklanan Uçucu Organik Bileşik Emisyonlarının Matematik Modelle Tahmini**
SARAL A., DEMİR S.
YILDIZ TEKNİK ÜNİVERSİTESİ, 01 May 2007

Supported Projects

Demir S., TUBITAK Project, Farklı tasarımlara sahip giriş paletlerinin siklonlardaki akış özellikleri ve siklon performansı üzerindeki etkilerinin deneysel ve nümerik olarak incelenmesi, 2017 - 2019

DEMİR S., KUZU S. L., Project Supported by Higher Education Institutions, Siklon Geometrisi ve Giriş-Çıkış Gaz Hızlarının Siklonlardaki Partikül Madde Toplama Verimi ve Basınç Kaybı Üzerindeki Etkilerinin Deneysel ve Nümerik Olarak İncelenmesi, 2012 - 2015

Kuzu S. L., Saral A., Demir S., TUBITAK Project, Kentsel Atmosferde Poli Klorlu Bifenil PCB Konsantrasyonlarının Gaz ve Partiküllerde Fraksiyonel Değişimlerinin Belirlenmesi ile Beraber Uzun Mesafeli Taşınımın İncelenmesi, 2012 - 2015

Demir S., Çakmakçı M., Technopark, İçme suyu arıtma tesislerinin tasarım esaslarını, normlarını belirleyip rehber kitapçık hazırlanması, 2013 - 2013

Saral A., TUBITAK Project, İstanbul Atmosferinde Uçucu Organik Bileşik Kirliliğinin Kaynaklarının Belirlenmesi: Pilot Ölçekli Çalışma, 2010 - 2011

Demir S., Saral A., Municipality, İSTAÇ Odayeri katı atık düzenli depo sahasından kaynaklanan koku emisyonlarının çevreye etkilerinin araştırılması, 2006 - 2006

Metrics

Publication: 69

Citation (WoS): 315

Citation (Scopus): 320

H-Index (WoS): 9

H-Index (Scopus): 9

Non Academic Experience

Business Establishment Private, Cowi-Sns

SNS Mühendislik & Müşavirlik

Business Establishment Private, Goema-Istanbul