

GÜLİN ERSÖZ

ASSOC. PROF.

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Learning Knowledge

Doctorate
2002 - 2009

Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, Turkey

Post Graduate
1999 - 2002

Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, Turkey

Under Graduate
1995 - 1999

Ege Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Catalytic Wet Air Oxidation of Nitrogen Containing Aqueous Pollutants by Nano-Structured Catalysts (Azot İçeren Atık Suların Nanoyapıda Katalizör Kullanılarak Katalitik Islak Hava Oksidasyonu ile Arıtılması), Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, 2009

Post Graduate, Treatment of an Industrial Wastewater by Biological Oxidation and/or Chemical Oxidation (Endüstriyel Bir Sıvı Atığın Kimyasal ve/veya Biyolojik Oksidasyon Yöntemleri ile Zararsız Hale Getirilmesi), Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, 2002

Academic Titles / Tasks

Associate Professor
2017 - Continues

Ege Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü (İngilizce)

Assistant Professor
2013 - 2017

Ege Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü

Research Assistant
1999 - 2013

Ege Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü (İngilizce)

Supported Projects

1. Atalay S., Ersöz G., FP7 Project, Decontamination of textile industries' effluents in the Mediterranean region for reuse in agriculture. Coupling innovative sustainable treatment processes with existing industrial processes, 2016 - 2019
2. Ersöz G., Atalay S., TUBITAK Project, Tarımsal Sulamada Kullanılmak üzere Akdeniz Bölgesindeki Tekstil Endüstrisi Atık Sularının Arıtılması: Mevcut Arıtma Proseslerinin Yenilikçi, Sürdürülebilir Yöntemlerle Çiftleştirilmesi, 2016 - 2019
3. Palas B., Ersöz G., Atalay S., Project Supported by Higher Education Institutions, Gıda Boyalarının Grafen-Perovskit Hibrit Katalizörler Varlığında Fenton Benzeri Oksidasyonu İle Giderimi, 2016 - 2017
4. Atalay S., Ersöz G., Tekin G., Project Supported by Higher Education Institutions, Gıda Boyalarının Görünür Bölge Işık ile Yenilikçi Oksihalojenür Katalizörler Varlığında Giderimi, 2016 - 2017
5. ERSÖZ G., Project Supported by Higher Education Institutions, DOMATES İŞLEME ATIK SULARININ OKSİDASYON YÖNTEMLERİ İLE ARITILMASI, 2016 - 2017
6. Palas B., Atalay S., Ersöz G., Civan G., Project Supported by Higher Education Institutions, Tarımsal Atık Sulara Hibrit Bir İleri Oksidasyon Sisteminin Uygulanabilirliği Islak Hava Oksidasyonu ve Mikrobiyal Yakıt Hücreleri Yöntemleri, 2016 - 2017
7. ERSÖZ G., Project Supported by Higher Education Institutions, MONOLİT ÜZERİNDE HAZIRLANAN PEROVSKİT KATALİZÖRLERİN KİŞİSEL BAKIM ÜRÜNLERİ KAYNAKLI MİKROKİRLETİCİLERİN YENİLİKÇİ BİR YÖNTEM İLE GİDERİLMESİNDE KULLANILMASI, 2015 - 2017
8. Atalay S., Ersöz G., Tekin G., Project Supported by Higher Education Institutions, Çevre Dostu Fotokatalizörler: Yumurta Kabuklarından Hazırlanmış Hidroksiapatit Katalizör ile Azo Boyar Madde Giderimi, 2015 - 2017
9. Atalay S., Ersöz G., Palas B., Project Supported by Higher Education Institutions, Azo Boyar Maddelerin Perovskit Tipi Katalizörler Varlığında Fenton Benzeri Yöntemi ile Giderimi, 2015 - 2017
10. Palas B., Atalay S., Ersöz G., Project Supported by Higher Education Institutions, Azo Boyar Maddelerin Perovskit Tipi Katalizörler Varlığında Fenton Benzeri Yöntemi ile Giderimi, 2015 - 2016
11. ERSÖZ G., Project Supported by Higher Education Institutions, LANTAN TEMELLİ PEROVSKİT TİPİ KATALİZÖRLER VARLIĞINDA AZO BOYAR MADDELERİNİN KATALİTİK ISLAK HAVA OKSİDASYONU İLE GİDERİMİ, 2014 - 2016
12. Atalay S., Ersöz G., Project Supported by Higher Education Institutions, Lantan Temelli Perovskit Tipi Katalizörler Varlığında Azo Boyar Maddelerin Katalitik Islak Hava Oksidasyonu ile Giderimi, 2014 - 2016
13. Atalay S., Ersöz G., TUBITAK Project, Monolit Üzerinde Hazırlanan Perovskit Katalizörlerin Kişisel Bakım Ürünleri Kaynaklı Mikrokirleticilerin Yenilikçi Bir Yöntem İle Giderilmesinde Kullanılması, 1.07.2014 - 01.01.2016., 2014 - 2016
14. Atalay S., Ersöz G., Project Supported by Higher Education Institutions, Fenton Benzeri Oksidasyonu ile Ceviz Kabuğundan Hazırlanan Katalizör Varlığında Azo Boyar Madde Giderimi Kinetiğinin İncelenmesi, 2013 - 2015
15. Atalay S., Ersöz G., Palas B., Project Supported by Higher Education Institutions, Azo Boyar Madde İçeren Atıksuların Sabit Yataklı Reaktörde Biyolojik Oksidasyon ile Arıtılması, 2012 - 2015
16. Palas B., Atalay S., Ersöz G., Project Supported by Higher Education Institutions, Azo Boyar Madde İçeren Atıksuların Sabit Yataklı Reaktörde Biyolojik Oksidasyon ile Arıtılması, 2012 - 2015
17. Atalay S., Ersöz G., Tekin G., Project Supported by Higher Education Institutions, Tereftalik Asit Fabrikası Atıksularının Arıtılmasında İleri Oksidasyon Yöntemlerinin Biyolojik Oksidasyon ile Karşılaştırılması, 2012 - 2015
18. ERSÖZ G., Project Supported by Higher Education Institutions, TEKSTİL ENDÜSTRİSİ ATIK SULARINDAKİ AZO BOYAR MADDELERİN AKTİF KARBON ÜZERİNDEDEMİR KATALİZÖRLER KULLANILARAK İLERİ OKSİDASYON YÖNTEMLERİ İLE GİDERİLMESİ, 2012 - 2014
19. Atalay S., Ersöz G., Project Supported by Higher Education Institutions, Tereftalik Asit İçeren Atıksuların Fotokatalitik Oksidasyon Yöntemi ile Arıtılması , 2011 - 2013
20. Atalay S., Ersöz G., TUBITAK Project, Tübitak Alt Yapı Destek Projesi:Sıvı Atıkların Kimyasal Oksidasyon ve Biyolojik Yöntem ile Zararsız Hale Getirilmesi, 2001 - 2002

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

1. **Photocatalytic activity of copper ferrite graphene oxide particles for an efficient catalytic degradation of Reactive Black 5 in water**
Kodasma R., PALAS B., ERSÖZ G., ATALAY S.
CERAMICS INTERNATIONAL, vol.46, pp.6284-6292, 2020 (Journal Indexed in SCI)
2. **The hybrid process with eco-friendly materials for the treatment of the real textile industry wastewater**
Bener S., ATALAY S., ERSÖZ G.
ECOLOGICAL ENGINEERING, vol.148, 2020 (Journal Indexed in SCI)
3. **Bioinspired metal oxide particles as efficient wet air oxidation and photocatalytic oxidation catalysts for the degradation of acetaminophen in aqueous phase**
Palas B., Ersöz G., Atalay S.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.182, no.109367, 2019 (Journal Indexed in SCI)
4. **Electrocoagulation process for the treatment of real textile wastewater: Effect of operative conditions on the organic carbon removal and kinetic study**
Bener S., Bulca O., PALAS B., TEKİN G., ATALAY S., ERSÖZ G.
PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, vol.129, pp.47-54, 2019 (Journal Indexed in SCI)
5. **Electrocoagulation Process for the Efficient Removal of Total Organic Carbon from Real Textile Wastewater: Effect of Conditions and Kinetic Study**
Bener S., Bulca Ö., Palas B., Tekin G., Atalay S., Ersöz G.
Process Safety And Environmental Protection, vol.129, pp.47-54, 2019 (Journal Indexed in SCI)
6. **Visible light assisted Fenton oxidation of tartrazine using metal doped bismuth oxyhalides as novel photocatalysts**
Tekin G., Ersöz G., Atalay S.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.228, pp.441-450, 2018 (Journal Indexed in SCI)
7. **Catalytic wet air oxidation of Reactive Black 5 in the presence of LaNiO₃ perovskite catalyst as a green process for azo dye removal**
PALAS B., ERSÖZ G., ATALAY S.
CHEMOSPHERE, vol.209, pp.823-830, 2018 (Journal Indexed in SCI)
8. **Green catalysts for Fenton-like oxidation of Procion Red MX-5B: Influence of the activation method and the reaction parameters on dye removal**
PALAS B., ERSÖZ G., ATALAY S.
Separation Science and Technology (Philadelphia), vol.52, pp.404-420, 2017 (Journal Indexed in SCI)
9. **Photocatalytic and photo-Fenton-like degradation of methylparaben on monolith-supported perovskite-type catalysts**
ORAK C., ATALAY S., ERSÖZ G.
SEPARATION SCIENCE AND TECHNOLOGY, vol.52, pp.1310-1320, 2017 (Journal Indexed in SCI)
10. **Photo Fenton-like oxidation of Tartrazine under visible and UV light irradiation in the presence of LaCuO₃ perovskite catalyst**
PALAS B., ERSÖZ G., ATALAY S.
Process Safety and Environmental Protection, vol.111, pp.270-282, 2017 (Journal Indexed in SCI)
11. **Investigation of the kinetics of the micropollutant removal by using environmentally-friendly wastewater treatment methods: Fenton like oxidation of Methylene Blue in the presence of LaFeO₃ perovskite type of catalysts**
PALAS B., ERSÖZ G., ATALAY S.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, pp.1181-1191, 2017 (Journal Indexed in SCI)
12. **Heterogeneous photo Fenton-like oxidation of Procion Red MX-5B using walnut shell based green catalysts**
PALAS B., ERSÖZ G., ATALAY S.
Journal of Photochemistry and Photobiology A: Chemistry, vol.324, pp.165-174, 2016 (Journal Indexed in SCI)
13. **Fenton-like oxidation of Reactive Black 5 using rice husk ash based catalyst**

- Ersoz G.
APPLIED CATALYSIS B-ENVIRONMENTAL, vol.147, pp.353-358, 2014 (Journal Indexed in SCI)
14. **Comparative Study Using Chemical Wet Oxidation for Removal of Reactive Black 5 in the Presence of Activated Carbon**
Ersoz G., NAPOLEONI A., ATALAY S.
JOURNAL OF ENVIRONMENTAL ENGINEERING, vol.139, pp.1462-1469, 2013 (Journal Indexed in SCI)
 15. **Decolorization of Reactive Black 5 using Peroxymonosulfate in Fenton-like Process**
ERSÖZ G., ATALAY S.
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.16, pp.286-291, 2013 (Journal Indexed in SCI)
 16. **Treatment of aniline by catalytic wet air oxidation: Comparative study over CuO/CeO₂ and NiO/Al₂O₃**
ERSÖZ G., ATALAY S.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.113, pp.244-250, 2012 (Journal Indexed in SCI)
 17. **The treatment of azo dyes found in textile industry wastewater by anaerobic biological method and chemical oxidation**
TÜRGAY O., ERSÖZ G., ATALAY S., FORSS J., WELANDER U.
SEPARATION AND PURIFICATION TECHNOLOGY, vol.79, pp.26-33, 2011 (Journal Indexed in SCI)
 18. **Kinetic Modeling of the Removal of Aniline by Low-Pressure Catalytic Wet Air Oxidation over a Nanostructured Co₃O₄/CeO₂ Catalyst**
ERSÖZ G., ATALAY S.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.50, pp.310-315, 2011 (Journal Indexed in SCI)
 19. **Low-Pressure Catalytic Wet Air Oxidation of Aniline Over Co₃O₄/CeO₂**
ERSÖZ G., Atalay S.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.49, pp.1625-1630, 2010 (Journal Indexed in SCI)
 20. **Low-Pressure Catalytic Wet-Air Oxidation of a High-Strength Industrial Wastewater Using Fenton's Reagent**
BİÇAKSIZ Z., Aytimur G., Atalay S.
WATER ENVIRONMENT RESEARCH, vol.80, pp.540-546, 2008 (Journal Indexed in SCI)
 21. **Low-Pressure Catalytic Wet-Air Oxidation of a High-Strength Industrial Wastewater Using Fenton's Reagent**
Bıçaksız Z., Ersöz G., Atalay S.
Water Environment Research, vol.80, pp.540-546, 2008 (Journal Indexed in SCI Expanded)
 22. **Experimental validation of a model describing the cycle of nitrogen in a Step Sludge Recirculation activated sludge system with denitrification**
Aytimur G., DI PALMA L., MERLI C.
ENVIRONMENTAL TECHNOLOGY, vol.29, pp.591-601, 2008 (Journal Indexed in SCI)
 23. **Catalytic liquid-phase oxidation of toluene to benzoic acid**
GİZLİ A., Aytimur G., ALPAY E., ATALAY S.
CHEMICAL ENGINEERING & TECHNOLOGY, vol.31, pp.409-416, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

1. **Degradation of benzoic acid by advanced oxidation processes in the presence of Fe or Fe-TiO₂ loaded activated carbon derived from walnut shells: A comparative study**
Tekin G., Ersöz G., Atalay S.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.6, pp.1745-1759, 2018 (Journal Indexed in ESCI)
2. **FENTON-LIKE OXIDATION OF REACTIVE BLACK 5 IN THE PRESENCE OF LABO3 (B: Fe, Co, Mn, Ni) PEROVSKITE CATALYSTS**
Palas B., Ersöz G., Atalay S.
Journal of the Turkish Chemical Society Section A: Chemistry, vol.5, pp.37-44, 2017 (Journal Indexed in ESCI)

3. **Degradation of ethylparaben using photo-Fenton-like oxidation over BiFeO₃**
ORAK C., ATALAY S., ERSÖZ G.
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY A - Applied Sciences and Engineering, vol.17, pp.915, 2016 (Refereed Journals of Other Institutions)
4. **Fenton-like oxidation of benzoic acid using Fe₃ doped physically activated walnut shells as a catalyst**
Tekin G., Ersöz G., Atalay S.
Journal of Selçuk University Natural and Applied Science, no.1, pp.130-137, 2013 (Refereed Journals of Other Institutions)
5. **Fenton Like Oxidation of Procion Red MX 5B Using Metallimpregnated Organic Waste Catalyst**
PALAS B., ERSÖZ G., ATALAY S.
Journal of Selçuk University Natural and Applied Science, pp.160-170, 2013 (Refereed Journals of Other Institutions)

Books & Book Chapters

1. **Orientation to Chemical Engineering**
Peker S. M. , ÖZÇELİK F. Z. , ERSÖZ G., Moral A.
Akademisyen Kitabevi A.Ş., Ankara, 2018
2. **Novel Catalysts in Advanced Oxidation of Organic Pollutants**
Atalay S., Ersöz G.
Springer, London/Berlin , London, 2016
3. **Advanced Oxidation Processes for Removal of Dyes from Aqueous Media**
ATALAY S., ERSÖZ G.
in: GREEN CHEMISTRY FOR DYES REMOVAL FROM WASTE WATER RESEARCH TRENDS AND APPLICATIONS, Sanjay K. Sharma , Editor, Scrivener Publishing LLC, pp.83-117, 2015

Refereed Congress / Symposium Publications in Proceedings

1. **BIO-INSPIRED COMPOSITE CATALYST PREPARATION FROM POLLEN BIOTEMPLATES**
PALAS B., ERSÖZ G., ATALAY S.
IV. INTERNATIONAL EGE COMPOSITE MATERIALS SYMPOSIUM, 6 - 08 September 2018
2. **Fenton-Like Oxidation of Reactive Black 5 in the presence of LaBO₃ (B: Fe, Co, Mn, Ni) Perovskite Catalysts**
PALAS B., ERSÖZ G., ATALAY S.
The Porous and Powder Materials Symposium and Exhibitions, PPM 2017, 12 - 15 September 2017
3. **Visible Light Photo-Fenton Oxidation of Tartrazine in the Presence of Bismuth Oxyhalide Catalysts**
TEKİN G., ERSÖZ G., ATALAY S.
2nd IWA Regional International Symposium on Water, Wastewater and Environment (IWA-PPFW2017), İzmir, Turkey, 22 - 24 March 2017
4. **Contour and 3-Dim Representation of Food Additive Removal Performances of Catalytic Wet Air Oxidation as a Green Wastewater Treatment Method**
PALAS B., ERSÖZ G., ATALAY S.
2nd IWA Regional Symposium on Water, Wastewater and Environment, The Past, Present, and Future of the World's Water Resources, 22 - 24 March 2017
5. **Experimental evaluation of fumaric acid performance as an electron donor in microbial fuel cells**
BAVASSO B., CİVAN G., DÍ PALMA L., ERSÖZ G., ATALAY S.
6th International Symposium on Energy from Biomass and Waste, 14 - 17 October 2016
6. **Reaktif Azo Boyar Maddelerin LaCuO₃ Perovskit Tipi Katalizörler Varlığında Fenton Benzeri Yöntemi ile Giderimi**

- PALAS B., ERSÖZ G., ATALAY S.
12. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ, Turkey, 23 - 26 August 2016
7. **Experimental evaluation of fumaric acid performance as an electron donor in microbial fuel cells 6th International Symposium on Energy from Biomass and Waste**
BAVASSO I., CIVAN G., DI PALMA L., ERSÖZ G., ATALAY S.
6th International Symposium on Energy from Biomass and Waste, 14 - 17 November 2016
8. **REMOVAL OF PROCION RED MX 5B FROM THE AQUEOUS SOLUTIONS IN THE PRESENCE OF ECO FRIENDLY BIOCATALYSTS WHITE ROT FUNGI IMMOBILIZED ON WALNUT SHELL POWDER**
PALAS B., ERSÖZ G., ATALAY S.
International Porous and Powder Materials Symposium and Exhibition, 15 - 18 September 2015
9. **REMOVAL OF BENZOIC ACID BY IMMOBILIZED MICROORGANISMS ON WALNUT SHELLS**
TEKİN G., ERSÖZ G., ATALAY S.
PPM 2015 INTERNATIONAL POROUS POWDER MATERIALS, İzmir, Turkey, 15 - 18 September 2015
10. **Gıda Boyalarının Foto-Fenton Oksidasyonu ile Gideriminde Fe-Hidroksiapatit Katalizördeki Demir Miktarının Etkisi**
TEKİN G., ERSÖZ G., ATALAY S.
12. Ulusal Kimya Mühendisliği Kongresi – UKMK 12, İzmir, Turkey, 23 - 26 August 2016
11. **Ceviz Kabuğundan Farklı Aktivasyon Yöntemleri İle Hazırlanan Fe Aktif Karbon Katalizörlerin Benzoik Asitin Katalitik Islak Hava Oksidasyonu İle Giderim Performanslarının Karşılaştırılması**
TEKİN G., ERSÖZ G., ATALAY S.
On Birinci Ulusal Kimya Mühendisliği Kongresi (UKMK-11), Turkey, 2 - 05 September 2014
12. **E Ü Kimya Mühendisliği Mezun Profilinin Belirlenmesi**
ATALAY S., ERSÖZ E., GÜRMEŒ ÖZÇELİK T., SERT E., ERSÖZ G., YENER H. B. , OVA ÖZCAN D., KURT ÇÖMLEKÇİ G., EMREOL M.
On Birinci Ulusal Kimya Mühendisliği Kongresi (UKMK-11), Turkey, 2 - 05 September 2014
13. **LaBO3 B Fe Cu Co Ni Mn Tipi Perovskite Katalizörlerin Reaktif Siyah Azo Boyar Maddesinin Islak Hava Oksidasyonundaki Performanslarının Karşılaştırılması**
ERSÖZ G., ATALAY S.
On Birinci Ulusal Kimya Mühendisliği Kongresi (UKMK-11), Turkey, 2 - 05 September 2014
14. **Procion Red MX 5B Azo Boyar Maddesinin Foto Fenton Benzeri Oksidasyonunda Farklı Aktivasyon Yöntemleri ile Hazırlanan Aktif Karbon Katalizörlerin Aktifliklerinin Karşılaştırılması**
PALAS B., ERSÖZ G., ATALAY S.
11. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ, Turkey, 2 - 05 May 2014
15. **Fenton-like oxidation of benzoic acid using Fe3 doped basic activated walnut shells as a catalyst**
TEKİN G., ERSÖZ G., ATALAY S.
The Second International Conference on Water, Energy and Environment-ICWEE'2013, Aydın, Turkey, 21 - 24 September 2013
16. **Catalytic Wet Air Oxidation of Procion Red MX 5B Using Iron Impregnated Chemically Activated Walnut Shells as a Catalyst**
PALAS B., ERSÖZ G., ATALAY S.
The Second International Conference on Water, Energy and Environment, ICWEE'2013, 21 - 24 September 2013
17. **Fenton Like Oxidation of Procion Red MX 5B Using Metal Impregnated Organic Waste Catalyst**
PALAS B., ERSÖZ G., ATALAY S.
INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 18 - 21 June 2013
18. **Fenton like Oxidation of Benzoic Acid Using Fe3 Doped Physically Activated Walnut Shells as a Catalyst**
ATALAY S., TEKİN G., ERSÖZ G.
The international Conference on Environmental Science and Technology, the ICOEST'2013, Nevşehir, Turkey, 18 - 21 June 2013
19. **Fenton Like Oxidation of Procion Red MX 5B Using Metal Impregnated Organic Waste Catalyst**
ATALAY S., TEKİN G., ERSÖZ G.

The international Conference on Environmental Science and Technology, the ICOEST'2013, Nevşehir, Turkey, 18 - 21 June 2013

20. **Pirinç Kabuğu Külü Kullanılarak Fenton Benzeri Yöntem ile Procion Red MX 5B Azo Boyar Madde İçeren Atık Suların Arıtılması**
ERSÖZ G., ATALAY S.
Kimyevi Maddeler ve Mamulleri Sektöründe İkinci Ar-Ge Proje Pazarı İstanbul Dış Ticaret Kompleksi, Turkey, 18 - 19 September 2012
21. **Hydrogen Peroxide Promoted Catalytic Wet Air Oxidation of Methylene Blue over Fe₂O₃ Al₂O₃ Catalyst**
ATALAY S., TEKİN G., ERSÖZ G.
3rd International Conference on Industrial and Hazardous Waste Management, CRETE 2012, Creteil, Greece, 12 - 14 September 2012
22. **Treatment of gas and Liquid Wastes by Catalytic Oxidation Technique**
ATALAY S., TEKİN G., ERSÖZ G.
Binational Environmental Seminar on Pollution Prevention and Hazardous Waste Management, Aegean Initiative Program, Rhodes, Greece, 9 - 12 July 2012
23. **Hydrogen Peroxide Promoted Wet Air Oxidation in the Presence of Activated Carbons**
ERSÖZ G., ATALAY S.
6th EFCATS Summer School, Catalysis & Surface Science for Renewables & Energy, 13 - 19 September 2010
24. **Katalitik Islak Peroksit Oksidasyonu ile Aktif Karbon Varlığında Reaktif Siyah 5 ve Reaktif Kırmızı 2 İçeren Atıksularda Boya Giderimi**
TÜRGAY O., ERSÖZ G., ATALAY S.
Dokuzuncu Ulusal Kimya Mühendisliği Kongresi (UKMK-9), Turkey, 22 - 25 June 2010
25. **Degradation of an Azo Dye by Advanced Oxidation**
ERSÖZ G., ATALAY S.
International Workshop on Urbanisation, Land Use, Land Degradation, and Environment, ULE 2009, 28 September - 01 October 2009
26. **Preparation and Characterization of Nano Sized Catalysts**
ERSÖZ G., ATALAY S.
23rd Conference of the European Colloid and Interface Society, ECIS 2009, 6 - 11 September 2009
27. **Alternative Chemical Industry that is Dependent on Agriculture**
ERSÖZ G., ATALAY S., ATALAY F. S.
European Summer School- Production of Fuels, Specialty Chemicals and Biobased Products from Agro-Industrial Wastes and Surplus, 04 September 2006 - 09 September 2009
28. **Anilinin Sulu Çözeltisinin NiO Al₂O₃ Katalizörü Kullanılarak Katalitik Islak Hava Oksidasyonu ile Temizlenmesi**
ERSÖZ G., ATALAY S.
Sekizinci Ulusal Kimya Mühendisliği Kongresi (UKMK-8), Turkey, 26 - 29 August 2008
29. **Nano Yapıda Co CeO₂ Kullanılarak Katalitik Islak Hava Oksidasyonu ile Azotlu Kirleticiler İçeren Atık Suların Temizlenmesi**
ERSÖZ G., ATALAY S.
Yedinci Ulusal Kimya Mühendisliği Kongresi (UKMK-7), Turkey, 5 - 08 September 2006
30. **Application of Catalytic Wet Air Oxidation by Fenton s Reagent to Alkaloids Industry Wastewater**
ATALAY S., TEKİN G., ERSÖZ G.
28. International Exhibition-Congress on Chemical Engineering, Environmental Protection and Biotechnology, Frankfurt, Germany, 15 - 19 May 2006
31. **Oxidation of Benzene to Maleic Anhydride in Fluidized Bed Reactor**
ATALAY S., TEKİN G., ERSÖZ G.
The Seventh International Symposium on Catalysis Applied to Fine Chemicals, Germany, 23 - 27 October 2005
32. **Treatment of an Industrial Wastewater**
ATALAY S., TEKİN G., ERSÖZ G.

- 2nd IWA Young Researchers Conference, Wageningen, Netherlands, 23 - 24 May 2004
33. **Treatment of a High Strength Industrial Wastewater**
ERSÖZ G., ATALAY S.
2nd IWA Young Researchers Conference, 23 - 24 April 2004
34. **Treatment of Afyon Alkaloid Factory Wastewater by Biological Oxidation**
ATALAY S., TEKİN G., ERSÖZ G.
The First International Exergy, Energy and Environment Symposium(IEEES-1), İzmir, Turkey, 13 - 17 July 2003
35. **Biyolojik Oksidasyona Tabi Tutulmuş Endüstriyel bir Atık Suyun Kimyasal Oksidasyonla Arıtılması**
BIÇAKSIZ Z., EMUL N., ERSÖZ G., ATALAY S.
Beşinci Ulusal Kimya Mühendisliği Kongresi (UKMK-5), Turkey, 2 - 05 September 2002
36. **Treatment of Nonbiodegradable Industrial Wastewater by Biological Oxidation and Chemical Oxidation**
ERSÖZ G., ATALAY S., ALPAY E., ATALAY F. S.
ISWA 2002 World Environment Congress and Exhibition Congress- Appropriate Environmental and Solid Waste Management and Technologies for Developing Countries, 8 - 12 July 2002
37. **Complete Catalytic Oxidation of Benzene**
ATALAY S., TEKİN G., ERSÖZ G.
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Professional Experience

2013 - Continues	Deputy Head of Department	Ege Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü (İngilizce)
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Citations

Total Citations (WOS):528

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Research Areas

Chemical Engineering and Technology, Process and Reactor Design, Catalysis and Catalytic Processes, Engineering and Technology