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International Researcher IDs

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ScopusID: 56161392600

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Education Information

Post Doctorate, Exeter College, Engineering Faculty, Chemical Engineering, United Kingdom 1993 - 1994

Doctorate, Istanbul Technical University, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1985 - 1992

Postgraduate, Istanbul Technical University, Kimya Metalurji, Kimya Mühendisliği, Turkey 1983 - 1985

Undergraduate, Istanbul Technical University, Kimya Metalurji, Kimya Mühendisliği, Turkey 1979 - 1983

Foreign Languages

English

Dissertations

Doctorate, Beypazarı trona mineralinin çözelti madenciliği ile değerlendirilmesi, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 1992

Postgraduate, Yozgat-Şefaatli Uranyum Cevherinden Uranyum Ekstraksiyonu, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 1985

Research Areas

Technical Sciences, Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Chemical Engineering and Technology, Basic Operations and Thermodynamics, Fluid Mechanics, Separation Operations, Mass Transfer, Transport Events, Metallurgical and Materials Engineering, Material science and engineering, Biomaterials

Academic Titles / Tasks

Professor, Istanbul Technical University, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 2007 - Continues

Academic and Administrative Experience

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of polyvinyl alcohol (PVA) weight ratio on spray dried apatite-PVA composites**
Başargan T., Saygılı G.
Bioinspired, Biomimetic and Nanobiomaterials, vol.12, no.4, pp.170-177, 2023 (SCI-Expanded)
- II. **Optimization of 5-FU adsorption on gelatin incorporated graphene oxide nanocarrier and application for antitumor activity**
Kahraman E., Erdöl Aydın N., Saygılı G.
Journal of Drug Delivery Science and Technology, vol.80, 2023 (SCI-Expanded)
- III. **Spray-dried calcium phosphate—gelatin composites and their behavior in simulated body fluid with the presence of cross-linking agent**
Basargan T., Saygılı G.
Journal of the Australian Ceramic Society, 2023 (SCI-Expanded)
- IV. **Drug loading of tannic acid crosslinked hydroxyapatite/gelatin composites via spray dryer and kinetic studies**
Gumus I., Kahraman E., Erdöl Aydın N., Saygılı G.
Drying Technology, vol.41, no.16, pp.2688-2702, 2023 (SCI-Expanded)
- V. **Investigation of boron adsorption by graphene oxide: equilibrium, kinetic, and thermodynamic studies**
Önen M. F., Erdöl Aydın N., Eksik O., Demirçivi P., Saygılı G.
Turkish Journal of Chemistry, vol.47, no.3, pp.656-666, 2023 (SCI-Expanded)
- VI. **Comparative study of modified expanded perlite with hexadecyltrimethylammonium-bromide and gallic acid for boron adsorption**
Demircivi P., Saygılı G.
JOURNAL OF MOLECULAR LIQUIDS, vol.254, pp.383-390, 2018 (SCI-Expanded)
- VII. **Hydroxyapatite-chitosan biocomposites synthesized in the simulated body fluid and their drug loading studies**
Başargan T., Erdol-Aydin N., Nasun-Saygılı G.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, vol.28, no.11, 2017 (SCI-Expanded)
- VIII. **Response surface modeling of boron adsorption from aqueous solution by vermiculite using different adsorption agents: Box-Behnken experimental design**
Demircivi P., Saygılı G.
WATER SCIENCE AND TECHNOLOGY, vol.76, no.3, pp.515-530, 2017 (SCI-Expanded)
- IX. **Spray dried hydroxyapatite-polyvinyl alcohol biocomposites**
Basargan T., Erdol-Aydin N., Nasun-Saygılı G.
JOURNAL OF POLYMER ENGINEERING, vol.36, no.8, pp.795-804, 2016 (SCI-Expanded)
- X. **In situ Biomimetic Synthesis to Produce Hydroxyapatite-Polyvinyl Alcohol Biocomposites: Precipitation and Spray Drying Methods**
Basargan T., Erdol-Aydin N., Nasun-Saygılı G.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.55, no.5, pp.447-452, 2016 (SCI-Expanded)
- XI. **Spray-Dried Mesoporous Hydroxyapatite Chitosan Biocomposites**
Basargan T., NASUN-SAYGILI G.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.54, no.11, pp.1172-1183, 2015 (SCI-Expanded)
- XII. **Removal of boron from waste waters using HDTMA-modified zeolites**
Demircivi P., NASUN-SAYGILI G.
DESALINATION AND WATER TREATMENT, vol.23, pp.110-117, 2010 (SCI-Expanded)
- XIII. **Modelling of trona based spray dry scrubbing of SO₂**

Erdol-Aydin N., Nasun-Saygılı G.

CHEMICAL ENGINEERING JOURNAL, vol.126, no.1, pp.45-50, 2007 (SCI-Expanded)

- XIV. **Effect of temperature on dissolution of Turkish trona**
Nasün-Saygılı G.
Hydrometallurgy, vol.68, pp.43-49, 2003 (SCI-Expanded)
- XV. **Mechanism of the dissolution of Turkish trona**
NasunSaygılı G., Okutan H. C.
HYDROMETALLURGY, vol.43, pp.317-329, 1996 (SCI-Expanded)
- XVI. **Application of the solution mining process to the Turkish trona deposit**
NasunSaygılı G., Okutan H. C.
HYDROMETALLURGY, vol.42, no.1, pp.103-113, 1996 (SCI-Expanded)
- XVII. **Determination of diffusion coefficient of the turkish trona in water**
Nasün-Saygılı G., Okutan H. C.
Mineral Resources Engineering, vol.5, no.1, pp.3-11, 1996 (SCI-Expanded)
- XVIII. **Sensitivity analysis for trona solution mining**
Nasun-Saygılı G., Okutan H. C.
Mineral Resources Engineering, vol.4, no.2, pp.201-213, 1995 (SCI-Expanded)
- XIX. **Application of the alkali extraction process to Turkish trona deposit**
Nasun-Saygılı G., Okutan H. C.
Mineral Resources Engineering, vol.4, no.2, pp.195-200, 1995 (SCI-Expanded)

Articles Published in Other Journals

- I. **Research on Drug Loading Performance of Hydroxiapatite-Gelatin Composites by Co-precipitation Method**
Erdöl Aydın N., Kahraman E., Saygılı G.
Journal of Pharmacy and Pharmacology, vol.7, no.4, pp.212-217, 2019 (Peer-Reviewed Journal)
- II. **Sorption Isotherms and Modelling Studies of HDTMA for Adsorption onto Vermiculite Perlite and Zeolite Clays**
DEMİRÇİVİ P., SAYGILI G.
Sigma Journal of Engineering and Natural Sciences, vol.32, pp.310-319, 2014 (ESCI)
- III. **Column experiments to remove copper from wastewaters using natural zeolite**
Aydın N., Saygılı G.
International Journal of Environment and Waste Management, vol.3, pp.319-326, 2009 (Scopus)
- IV. **Sensitivity analysis in a simulated auto thermal Natural Gas reforming process**
Baloğlu H., Saygılı G.
International Journal of Alternative Propulsion, vol.2, pp.50-71, 2008 (Peer-Reviewed Journal)
- V. **Removal of Boron from Waste Waters by Ion Exchange in a Batch System**
DEMİRÇİVİ P., SAYGILI G.
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.2, pp.325-328, 2008 (Peer-Reviewed Journal)
- VI. **Application of Sesquicarbonate Process to Beypazarı Trona Deposit: Cooling Crystallisation**
Saygılı G., Okutan H. C.
MINERAL RESOURCES ENGINEERING, vol.4, pp.331-338, 1995 (Peer-Reviewed Journal)
- VII. **Turkish Trona-Integrated Process Development and Cost Estimation**
Saygılı G., Erdöl Aydın N., Okutan H. C., Yüzer H., İşbilir F., EKINCI E.
Industrial Minerals, pp.91-93, 1994 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Removal of Ciprofloxacin from Waste Water By Photocatalytic Method with Waste Polystyrene And TiO₂ Composites**
HAYRİ ŞENEL T., KAHRAMAN E., Sezer S., ERDÖL AYDIN N., SAYGILI G.
CEST 2023, 18th International Conference on Environmental Science and Technology, Greece, 30 August 2023
- II. **Photocatalytic Activity of Hydroxyapatite/Graphene Oxide Composite for Degradation of Tetracycline in Aqueous Solution**
Subaşı B. S., HAYRİ ŞENEL T., KAHRAMAN E., SAYGILI G., ERDÖL AYDIN N.
International Graduate Research Symposium : IGRS'23, Turkey, 02 May 2023
- III. **Removal of Tetracycline (TC) from Wastewater by Adsorption**
tutuş e., keleşoğlu n., ERDÖL AYDIN N., SAYGILI G., BARAN P.
International Graduate Research Symposium : IGRS'23, Turkey, 02 May 2023
- IV. **Dry Powder Formulation Containing Montelukast Sodium Active Pharmaceutical Ingredient with Different Excipients for Inhalation Product by Spray Drying Method**
ERDÖL AYDIN N., SAYGILI G., BARAN P.
International Graduate Research Symposium : IGRS'23, Turkey, 02 May 2023
- V. **Removal of boron wastewaters using valonia-tannin based biosorbent produced via spray drying**
Sezer S., Esin B., Erdöl Aydın N., Saygılı G.
22nd International Drying Symposium (IDS 2022), Massachusetts, United States Of America, 26 - 29 June 2022, pp.1
- VI. **Drug loading of tannic acid crosslinked hydroxyapatite/gelatin composites via spray dryer and kinetic studies**
Başer Gümüş I., Kahraman E., Erdöl Aydın N., Saygılı G.
22nd International Drying Symposium (IDS 2022), Massachusetts, United States Of America, 26 - 29 June 2022, pp.1
- VII. **Utilization of Tannin-Based Biomaterials in the Removal of Boron from Aqueous Solution**
SEZER S., ESİN B., ERDÖL AYDIN N., SAYGILI G.
22nd International Drying Symposium (IDS 2022), United States Of America, 26 June 2022
- VIII. **Photocatalytic Activity of Hydroxyapatite/Graphene Oxide Composite for Degradation of Ciprofloxacin in Aqueous Solution**
Gül Z., HAYRİ ŞENEL T., KAHRAMAN E., ERDÖL AYDIN N., SAYGILI G.
International Graduate Research Symposium - IGRS'22, İstanbul, Turkey, 1 - 03 June 2022
- IX. **Alginate Aldehyde-Gelatin Nanogel as Sustainable Drug Delivery System of Azithromycin: Development, Characterization and In Vitro Evaluation**
Saygılı G.
7th World Congress on Recent Advances in Nanotechnology (RAN'22), Lisbon, Portugal, 04 April 2022, pp.1-2
- X. **Production of 5-FU drug loaded biocomposite materials : Drug loading efficiency and characterization**
ERDÖL AYDIN N., KAHRAMAN E., SAYGILI G.
ISAS 2018-Winter, 2nd International Symposium on Innovative Approaches in Scientific Studies, Samsun, Turkey, 30 November - 02 December 2018, vol.3, pp.1499-1502
- XI. **Removal of copper (II) from aqueous solution by adsorption using hydroxyapatite-chitosan biomaterials**
ERDÖL AYDIN N., SAYGILI G.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2018), Kapadokya-Nevşehir, Turkey, 4 - 06 October 2018, pp.5-9
- XII. **Biomaterials utilization for chromium ions removal from aqueous solution**
ERDÖL AYDIN N., SAYGILI G.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2018), Kapadokya-Nevşehir, Turkey, 4 - 06 October 2018, pp.10-15

- XIII. **Investigating the temperature effect on drug release performance of hydroxyapatite-chitosan biocomposites**
ERDÖL AYDIN N., KAHRAMAN E., SAYGILI G.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2018), Kapadokya-Nevşehir, Turkey, 4 - 06 October 2018, pp.137-141
- XIV. **Research on drug loading performance of hydroxyapatite-gelatin composites by co-precipitation method**
ERDÖL AYDIN N., KAHRAMAN E., SAYGILI G.
5th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG-2018), Kapadokya-Nevşehir, Turkey, 4 - 06 October 2018, pp.142-146
- XV. **Meşe Palamudundan Üretilen Tanen ile Atık Sulardan Bor Giderimi**
ERDÖL AYDIN N., SAYGILI G.
13.Ulusal Kimya Mühendisliği Kongresi, Van, Turkey, 3 - 06 September 2018
- XVI. **Research on Drug Release Performance of Hydroxyapatite-Gelatin Composites Produced in SBF Medium**
Kahraman E., Başargan T., Hacıoğlu S., Erdöl Aydın N., Saygılı G.
IPC, 5th International Polymeric Composites Symposium and Workshops, İzmir, Turkey, 2 - 04 November 2017, pp.159-160
- XVII. **Utilization of Hydroxyapatite - Chitosan Biomaterials in the Removal of Zinc from Aqueous Solution**
Erdöl Aydın N., Saygılı G.
International Materials Technologies and Metallurgy Conference, İstanbul, Turkey, 26 - 27 October 2017, pp.282-284
- XVIII. **Removal of Boron from Aqueous Solution Using Tannins from Turkish, Acorns (Valonia)**
ERDÖL AYDIN N., YAREN B., SAYGILI G.
ICACCHE, International Conference on Applications in Chemistry and Chemical Engineering, Sarajevo, 11 - 15 October 2017, pp.57-61
- XIX. **Drug Release Studies of Encapsulated Hydroxyapatite-Polymer Composites Produced in the Presence of Simulated Body Fluid**
Basargan T., Kahraman E., Seçkin H., ERDÖL AYDIN N., SAYGILI G.
EuroDrying'2017 – 6th European Drying Conference, Liege, Belgium, 19 - 20 June 2017, pp.131-132
- XX. **Çinkonun Kitosan Kaplı Bentonit ile Adsorpsiyonu ve Adsorpsiyon Özelliklerinin İncelenmesi**
ERDÖL AYDIN N., SAYGILI G.
12.Ulusal Kimya Mühendisliği Kongresi, İzmir Yüksek Teknoloji Enstitüsü, İzmir, Turkey, 23 - 26 August 2016
- XXI. **Atık Sulardan Demir İyonlarının Doğal Zeolit ile Uzaklaştırılması**
ERDÖL AYDIN N., SAYGILI G.
12.Ulusal Kimya Mühendisliği Kongresi, İzmir Yüksek Teknoloji Enstitüsü, İzmir, Turkey, 23 - 26 August 2016
- XXII. **Çinkonun Kitosan Kaplı Bentonit ile Adsorbsiyonu ve Adsorbsiyon Özelliklerinin İncelenmesi**
ERDÖL AYDIN N., SAYGILI G.
12. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016
- XXIII. **Spray Dried Hydroxyapatite Chitosan Composite Prepared with presence of SBF and the Impact of Weight of Chitosan and Crosslinking Agent on Drug Loading Efficiency**
BAŞARGAN T., ERDÖL AYDIN N., SAYGILI G.
20th International Drying Symposium, Gifu, Japan, 7 - 10 August 2016
- XXIV. **Spray Dried Hydroxyapatite-Chitosan Biocomposites Prepared With The Presence Of Simulated Body Fluid and The Impact Of Weight Of Chitosan And Crosslinking Agent On Drug Loading Efficiency**
Başargan T., Erdöl Aydın N., Saygılı G.
20th International Drying Symposium, Gifu, Japan, 7 - 10 August 2016, pp.33-40
- XXV. **Removal of zinc from wastewaters using Turkish bentonite**
Uraz E., Erdöl Aydın N., Saygılı G.
Desalinationfor the Environment: Clean Water and Energy (EDS), Roma, Italy, 22 - 26 May 2016, pp.22-30
- XXVI. **Production of Spray Dried Calcium Phosphate Gelatin Composite and the Impact of Cross linking**

Agent on Composit Structure and Bioactivity in SBF

TUGBA b., SAYGILI G.

27th European Conference on Biomaterials, 30 August - 03 September 2015

- XXVII. **Removal of Boron by Using Perlite Clay in the Presence of Gallic Acid**
Zincir E., Demirçivi P., Erdöl Aydın N., Saygılı G.
2nd IWA Specialized Conference "Ecotechnologies For Sewage Treatment Plants-ECOSTP 2014, Technical, Environmental & Economic Challenges, Verona, Italy, 23 - 25 June 2014, pp.10
- XXVIII. **The Impact of Gelatin Weight Ratio on Hydroxyapatite-Gelatin Composites and Their SBF Behaviour**
Ozsagioglu T. B., Nasun-Saygılı G.
15th International Conference on Polymers and Organic Chemistry (POC), Timisoara, Romania, 10 - 13 June 2014, vol.352, pp.8-15
- XXIX. **Boron Recovery From Aqueous Solutions By Co-Precipitation Method**
Yağmur Y., Demirçivi P., Erdöl Aydın N., Saygılı G.
2nd International Conference on Environmental Science and Technology, Antalya, Turkey, 12 - 14 May 2014, pp.10
- XXX. **Removal of Lead from Waste Waters by Fixed Bed Column Experiments with Natural Zeolite**
Erdöl Aydın N., Saygılı G.
Waste Management Symposium, Eurasia 2014, İstanbul, Turkey, 28 - 30 April 2014, pp.10
- XXXI. **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., GENÇELİ N. E., FİLİBELİ A., KARATAŞ Ö., et al.
İTÜ 13. Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 17 - 19 October 2012
- XXXII. **Batch Reactor Study for Removal of Chromium from Wastewaters Using Zeolite**
Erdöl Aydın N., Saygılı G.
International Conference on Recycling and Reuse, İstanbul, Turkey, 4 - 06 June 2012, pp.20
- XXXIII. **PRODUCTION OF APATITIC MATERIAL USING TURKISH COLEMANITE MINERAL**
MORAL C., BASARGAN T., Nasun-Saygılı G.
Symposium on Characterization of Minerals, Metals and Materials held during TMS Annual Meeting and Exhibition, Florida, United States Of America, 11 - 15 March 2012, pp.239-250
- XXXIV. **Removal of Iron Ions From Wastewaters Using Turkish Natural Zeolite**
ERDÖL AYDIN N., SAYGILI G.
1st International Conference, WASTES: Solutions, Treatments and Opportunities, Guimaraes, Portugal, 12 - 14 September 2011
- XXXV. **Production of Hydroxiapatite-Polyvinyl Alcohol (HAp/PVA) Biocomposites by Spray Drying Technique**
Başargan T., Erdöl Aydın N., Saygılı G.
WCPT6 2010 - World Congress on Particle Technology, Nuremberg, Germany, 26 - 29 October 2010, pp.160
- XXXVI. **In situ Biomimetic Syntesis to Produce Hydroxiapatite-Polyvinyl Alcohol (HAp/PVA) Biocomposites : Precipitation and Spray Drying Methods**
Basargan T., Erdöl Aydın N., Saygılı G.
17th Internationl Drying Symposium, Magdeburg, Germany, 3 - 06 October 2010, pp.2315-2321
- XXXVII. **Püskürtmeli Kurutucuda Borik Asit Üretimi**
ÖZDEMİR E., ERDÖL AYDIN N., SAYGILI G.
9. Ulusal Kimya Mühendisliği Kongresi, Ankara, Turkey, 22 - 25 June 2010
- XXXVIII. **Effect of Spray Drying Conditions on Hydrated Sodium Borate Poeders**
Özdemir E., Erdöl Aydın N., Saygılı G.
III. Uluslararası Bor Sempozyumu, Ankara, Turkey, 2 - 04 November 2006, pp.40
- XXXIX. **Column Experiments to Remove Copper From Waste Waters Using Natural Zeolite**
ERDÖL AYDIN N., SAYGILI G.
CHEMECA 2006, Auckland, New Zealand, 17 - 20 September 2006, pp.234
- XL. **Removal of Chromium from Waste Waters Using Turkish Natural Zeolite**

Tortop F., ERDÖL AYDIN N., SAYGILI G.

5th International Conference on the Occurrence, Properties and Utilization of Natural Zeolite, Napoli, Italy, 21 - 29 September 1997, pp.296-297

XLI. Application of CFD to Investigate Heat Transfer Features of Zeolite A Production in CSTR

Koyoglu A., ERDÖL AYDIN N., SAYGILI G.

International Symposium on Two-Phase Flow Modelling and Experimentation, Roma, Italy, 9 - 11 October 1995, vol.2, pp.1237-1241

XLII. Trona Mineralinden Soda Üretim Prosesleri : Bilgisayar Destekli Tasarım ve Maliyet Analizi

Durmaz N., SAYGILI G., ERDÖL AYDIN N., OKUTAN H. C.

1. Ulusal Kimya Mühendisliği Sempozyumu, Ankara, Turkey, 13 - 16 September 1994, vol.1, pp.332-342

Supported Projects

Saygılı G., Abdollahzadehdastjerd S., Project Supported by Higher Education Institutions, Controlled Release Drug Delivery System of Azithromycin-loaded Nanogel against Salmonella Typhi, 2018 - 2019

Saygılı G., Project Supported by Higher Education Institutions, Kimya Mühendisliği Bölümü AR-GE Laboratuvarı Altyapı İyileştirme Projesi, 2016 - 2018

Saygılı G., Project Supported by Higher Education Institutions, Kulemanitten Apatit Yapılı Bileşiklerin Eldesi, 2012 - 2018

Saygılı G., Project Supported by Higher Education Institutions, Püskürtmeli Kurutucuda Hidroksiapatit Çitosan Biokompozit Üretimi, 2011 - 2018

Saygılı G., Project Supported by Higher Education Institutions, Hidroksiapatit-PVA Biyokompozitlerinin in-Situ Biyometrik Sentezi ile Üretimi: Çöktürme ve püskürtmeli kurutucu Metodları, 2010 - 2018

Saygılı G., Project Supported by Higher Education Institutions, DOLGULU KOLON KULLANILAN BOR GİDERİMİ VE MODELLEME ÇALIŞMALARI, 2009 - 2018

Saygılı G., Project Supported by Higher Education Institutions, Kesikli Sistemlerde İyon Değişimi Kullanılarak Atık Sulardan Bor Giderilmesi, 2008 - 2018

Saygılı G., Project Supported by Higher Education Institutions, Ototermal Doğalgaz Reformlama Prosesi Simülasyonu ve Hassasiyet Analizi, 2007 - 2018

Saygılı G., Project Supported by Higher Education Institutions, Atık sulardan Bakır Giderilmesinde Doğal Zeolit Kullanımı, 2006 - 2018

Saygılı G., Project Supported by Higher Education Institutions, Desülfürizasyon için Püskürtmeli Kurutucu Modelleme ve Simülasyon Çalışması, 2005 - 2018

Saygılı G., Project Supported by Higher Education Institutions, (sarf dan makineye 7.000 TK aktarılabilecek) Püskürtmeli Kurutucuda Hidroksiapatit-Polimer Biyokompozitlerin Üretimi ve İlaç Taşıyıcı Sistem Olarak Kullanımının İncelenmesi, 2013 - 2017

Saygılı G., Project Supported by Higher Education Institutions, Atık Sulardan Bor Gideriminde Modifiye Doğal Minerallerin Kullanılabilirliğinin Araştırılması, 2012 - 2017

Saygılı G., Project Supported by Higher Education Institutions, SBF Ortamında Üretilen Hidroksiapatit-Jelatin Kompozit Malzemelerinin İlaç Salınım Performansının İncelenmesi, 2016 - 2016

Saygılı G., Project Supported by Higher Education Institutions, Atık Sulardan Çinko Gideriminde Montmorillonit Mineralinin Kullanılabilirliğinin Araştırılması, 2015 - 2015

Saygılı G., Project Supported by Higher Education Institutions, Çinkonun Perlit ve Kitosan Modifiye Perlit ile Adsorpsiyonu ve Adsorpsiyon Özelliklerinin Karşılaştırılması, 2014 - 2015

Saygılı G., Project Supported by Higher Education Institutions, Modifiye Edilmiş Perlit ile Atık Sulardan Bor Giderimi, 2011 - 2014

Saygılı G., Project Supported by Higher Education Institutions, Birlikte Çöktürme-Mineralizasyon Yöntemi ile Atık Sulardan Bor Giderimi, 2010 - 2014

Saygılı G., Project Supported by Higher Education Institutions, Kulemanitten Kalsiyum Fosfat Bileşiklerinin Eldesi, 2009 - 2013

Saygılı G., Project Supported by Higher Education Institutions, Püskürtmeli Kurutucu ile Hidroksiapatit-Polimer Eldesi,

2009 - 2010

Saygılı G., Project Supported by Higher Education Institutions, Atıksulardan Bor Giderimi, 2008 - 2009

Saygılı G., Project Supported by Higher Education Institutions, Perlit Katkili Hafif Beton Blok Üretimi, 2007 - 2009

Saygılı G., Project Supported by Higher Education Institutions, Sodyum Borhidrür Üretimi, 2006 - 2009

Saygılı G., Project Supported by Higher Education Institutions, Püskürtmeli Kurutucuda Disodyum Oktaborat Tetrahidrat Üretim Parametrelerinin İncelenmesi, 2005 - 2009

Saygılı G., Project Supported by Higher Education Institutions, Bor Endüstrisi Atıklarının Sodyum Poliborat Üretiminde Kullanılabilirliğinin Araştırılması, 2006 - 2007

Metrics

Publication: 75

Citation (WoS): 48

Citation (Scopus): 53

H-Index (WoS): 5

H-Index (Scopus): 4

Non Academic Experience

İstanbul Teknik Üniversitesi