

## Prof. Müge SARI YILMAZ

### Personal Information

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### International Researcher IDs

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ScopusID: 53868201200

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### Education Information

Doctorate, Yildiz Technical University, Kimya Metalurji, Kimya Mühendisliği, Turkey 2008 - 2013

Postgraduate, Yildiz Technical University, Kimya Metalurji Fakültesi, Kimya Mühendisliği, Turkey 2005 - 2008

Undergraduate, Yildiz Technical University, Kimya Metalurji, Kimya Mühendisliği, Turkey Continues

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Vocational Training, Author Workshop - Efficient Research Publishing Preparation, Elsevier, 2020

Vocational Training, Temel Kemometri Eğitimi, Akdeniz Üniversitesi Eğitim Fakültesi Eğitim Yönetimi ve Planlama, 2012

Vocational Training, School of Molecular Sieves 2012, J. Heyrovsky Institute of Physical Chemistry, 2012

Vocational Training, Calorimetry Summer School, IRCELYON: Institute of Researches on Catalysis and Environment in Lyon, 2010

### Dissertations

Doctorate, Farklı Silika Kaynaklarından SBA-15 Üretimi, Karakterizasyonu ve Uygulama Alanının İncelenmesi, Yıldız Teknik Üniversitesi, Kimya Metalurji, Kimya Mühendisliği, 2013

Postgraduate, Kernit Mineralinden Sodyum Borhidrür (NaBH)<sub>4</sub> Üretimi ve Üretim Mekanizmasının İncelenmesi, Yıldız Teknik Üniversitesi, Kimya Mühendisliği, Kimya Mühendisliği, 2008

### Research Areas

Chemical Engineering and Technology, Chemical Technologies, Environmental Chemistry and Technology, Inorganic Technologies, Chemical Reaction Engineering, Mass Transfer, Polymers and Their Applications, Composites

## Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2023 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2018 - 2023

Medical Doctor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2013 - 2018

## Courses

### Doctorate

İleri Organik Teknolojiler, Doctorate, 2020 - 2021, 2019 - 2020

İleri İnorganik Teknolojiler, Doctorate, 2019 - 2020

### Undergraduate

Kimyasal Teknolojiler, Undergraduate, 2022 - 2023

Bilgisayar Destekli İleri Kimya Mühendisliği Uygulamaları, Undergraduate, 2022 - 2023

Bioseparation, Undergraduate, 2022 - 2023

Kimya Mühendisliği Lab III, Undergraduate, 2020 - 2021, 2019 - 2020

Physical Chemistry , Undergraduate, 2020 - 2021

Kimya Mühendisliği Hesaplamaları, Undergraduate, 2020 - 2021, 2019 - 2020

## Supervised Theses

Eren T., Sarı Yılmaz M., Poliaminoboran ve Polietilen Glikol Katkılı Antep Fıstığı Kabuğu Esaslı Aktif Karbonun Karbondioksit Yakalama ve Boyar Madde Adsorpsiyon Özelliklerinin İncelenmesi, Postgraduate, M.HİLLAL(Student), Continues

Sarı Yılmaz M., Biyobazlı Malzemenin Fotokatalitik Boya Bozunumunda Kullanımının Araştırılması, Postgraduate, S.Dicle(Student), Continues

Tahmasebpour M., Sarı Yılmaz M., Evaluation of the efficiency of activated carbon adsorbent prepared from Oleaster's peel and seed in two forms of powder and granules in cationic dyes removal from water, Postgraduate, M.Chaharkam(Student), Continues

Sarı Yılmaz M., FARKLI POLİMERLER İLE FONKSİYONELLEŞTİRİLEN KATMANLI MALZEMELERİN KARBONDİOKSİT TUTMA VERİMLİLİĞİNİN ARAŞTIRILMASI, Postgraduate, D.Sezgin(Student), 2024

Sarı Yılmaz M., ANTİKANSER İLAÇ SALIMI İÇİN İNDİRGENMİŞ GRAFEN OKSİT/SİLİKA KOMPOZİTİ SENTEZİ VE KARAKTERİZASYONU, Postgraduate, T.Gürer(Student), 2024

Sarı Yılmaz M., Nanogözenekli Karbon Sentezi, Karakterizasyonu ve Adsorpsiyon Uygulamaları , Postgraduate, K.Mammadyarova(Student), 2023

Sarı Yılmaz M., Cam atıklarından silika bazlı malzeme sentezi ve CO2 adsorpsiyonunda kullanımının incelenmesi, Postgraduate, T.TOPKAYA(Student), 2023

Sarı Yılmaz M., Kserojel/ Tabakalı Çift Hidroksit Kompozitlerin Üretimi ve CO2 Yakalama Performanslarının İncelenmesi, Postgraduate, D.Eren(Student), 2023

Sarı Yılmaz M., Preparation of Novel Bio-Based Adsorbent for Fast and Selective Adsorption of Various Dyes, Postgraduate, H.Ahmad(Student), 2022

SARI YILMAZ M., DÜZENLİ YAPIDA MEZOGÖZENEKLİ KARBONLARIN ÜRETİLMESİ VE KULLANIM ALANININ İNCELENMESİ, Postgraduate, S.Ertürk(Student), 2016

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

- I. **Environmentally friendly green synthesis of reduced graphene oxide using *Laurus nobilis*, characterization and evaluation of In Vitro anticancer activity**  
Kılınç Y., Arslan E., Gök B., Sarı Yılmaz M.  
MATERIALS RESEARCH EXPRESS, vol.12, no.015602, pp.1-11, 2025 (SCI-Expanded)
- II. **Synthesis of nanoporous carbon from *Ulva lactuca* activated by eggshell for CO<sub>2</sub> capture: a novel approach to waste valorization**  
Mammadyarova K., Sarı Yılmaz M.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.31, pp.59947-59960, 2024 (SCI-Expanded)
- III. **Exploring the structural characteristics and dye removal capabilities of powder-, granule- and film-shaped magnetic activated carbon derived from *Oleaster* seed**  
Chaharkam M., Tahmasebpoor M., Sarı Yılmaz M.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.31, pp.35283-35307, 2024 (SCI-Expanded)
- IV. **Preparation of low-cost and non-conventional macroalgae-based biosorbent for fast and effectively selective dye adsorption**  
Qulatein H. A., Sarı Yılmaz M.  
Materials Chemistry and Physics, vol.303, 2023 (SCI-Expanded)
- V. **Design of PEI and Amine Modified Metakaolin-Brushite Hybrid Polymeric Composite Materials for CO<sub>2</sub> Capturing**  
Mirkovic M., Sarı Yılmaz M., Kljajevic L., Pavlovic V., Ivanovic M., Djukic D., Eren T.  
POLYMERS, vol.15, no.7, pp.1669-1683, 2023 (SCI-Expanded)
- VI. **Preparation and CO<sub>2</sub> capture performances of KIT-6@reduced graphene oxide composites**  
Sarı Yılmaz M.  
JOURNAL OF POROUS MATERIALS, vol.30, no.5, pp.1555-1564, 2023 (SCI-Expanded)
- VII. **Graphene oxide/hollow mesoporous silica composite for selective adsorption of methylene blue**  
SARI YILMAZ M.  
MICROPOROUS AND MESOPOROUS MATERIALS, vol.330, 2022 (SCI-Expanded)
- VIII. **The CO<sub>2</sub> adsorption performance of aminosilane-modified mesoporous silicas**  
Yılmaz M.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.146, no.5, pp.2241-2251, 2021 (SCI-Expanded)
- IX. **Potential low-cost carbon-based adsorbent from gold mine tailings for anionic dye removal**  
Erturk S., SARI YILMAZ M., PİŞKİN S.  
WATER SCIENCE AND TECHNOLOGY, vol.83, no.6, pp.1300-1314, 2021 (SCI-Expanded)
- X. **Synthesis and characterization of a ROMP-based polycationic antimicrobial hydrogel**  
PALANTOKEN A., Yılmaz M., Unubol N. A., Yenigul E., Piskin S., EREN T.  
EUROPEAN POLYMER JOURNAL, vol.112, pp.365-375, 2019 (SCI-Expanded)
- XI. **Low-Cost Synthesis of Organic-Inorganic Hybrid MSU-3 from Gold Mine Waste for CO<sub>2</sub> Adsorption**  
Yılmaz M., KARAKAS S. B.  
WATER AIR AND SOIL POLLUTION, vol.229, no.10, 2018 (SCI-Expanded)
- XII. **Thermal analysis applied for the removal of surfactant from mesoporous molecular sieves MCM-41 synthesized from gold mine tailings slurry**  
Yılmaz M., Degitz I. A., Piskin S.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.130, no.2, pp.727-734, 2017 (SCI-Expanded)
- XIII. **RECYCLE OF GOLD MINE TAILINGS SLURRY INTO MCM-41 MESOPOROUS SILICA WITH HIGH SPECIFIC SURFACE AREA**  
Degitz I. A., Yılmaz M., PİŞKİN S.  
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.23, no.4, pp.581-588, 2017 (SCI-Expanded)
- XIV. **The synthesis of silica-based aerogel from gold mine waste for thermal insulation**  
MERMER N. K., Yılmaz M., Ozdemir O. D., PİŞKİN M. B.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.129, no.3, pp.1807-1812, 2017 (SCI-Expanded)
- XV. **Synthesis of novel amine modified hollow mesoporous silica@Mg-Al layered double hydroxide composite and its application in CO<sub>2</sub> adsorption**

- Yilmaz M.  
MICROPOROUS AND MESOPOROUS MATERIALS, vol.245, pp.109-117, 2017 (SCI-Expanded)
- XVI. **Dual antimicrobial effects induced by hydrogel incorporated with UV-curable quaternary ammonium polyethyleneimine and AgNO<sub>3</sub>**  
PALANTOKEN A., Yilmaz M., Yapaoz M., Tulunay E. Y., EREN T., Piskin S.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.68, pp.494-504, 2016 (SCI-Expanded)
- XVII. **Conversion of fly ashes from different regions to mesoporous silica: effect of the mineralogical composition**  
Yilmaz M., Mermer N. K.  
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.78, pp.239-247, 2016 (SCI-Expanded)
- XVIII. **Release of flurbiprofen using of SBA-15 mesoporous silica: Influence of silica sources and functionalization**  
Yilmaz M., PALANTOKEN A., Piskin S.  
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.437, pp.80-86, 2016 (SCI-Expanded)
- XIX. **The removal of template from SBA-15 samples synthesized from different silica sources**  
Yilmaz M., Piskin S.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.121, no.3, pp.1255-1262, 2015 (SCI-Expanded)
- XX. **The kinetics and thermodynamics of nickel adsorption from galvanic sludge leachate on nanometer titania powders**  
Yilmaz M., Ozdemir O. D., Kasap S., Piskin S.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, pp.1499-1515, 2015 (SCI-Expanded)
- XXI. **Characterization and thermal dehydration kinetics of admontite mineral hydrothermally synthesized from magnesium oxide and boric acid precursor**  
Derun E., Kıpçak A. S., Senberber F. T., Yilmaz M.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, pp.853-866, 2015 (SCI-Expanded)
- XXII. **Synthesis and characterization of MCM-41 with different methods and adsorption of Sr<sup>2+</sup> on MCM-41**  
Yilmaz M., Ozdemir O. D., Piskin S.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, no.1, pp.199-211, 2015 (SCI-Expanded)
- XXIII. **Study on the dehydration kinetics of tunellite using non-isothermal methods**  
Yilmaz M., Figen A., Piskin S.  
Research on Chemical Intermediates, vol.41, pp.1893-1906, 2015 (SCI-Expanded)
- XXIV. **Evaluation of novel synthesis of ordered SBA-15 mesoporous silica from gold mine tailings slurry by experimental design**  
Yilmaz M., Piskin S.  
JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.46, pp.176-182, 2015 (SCI-Expanded)
- XXV. **Thermal behavior and dehydroxylation kinetics of naturally occurring sepiolite and bentonite**  
Yilmaz M., KALPAKLI Y., Piskin S.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.114, no.3, pp.1191-1199, 2013 (SCI-Expanded)
- XXVI. **Preparation, characterization and thermal dehydration kinetics of titanate nanotubes**  
Yilmaz M., Kasap S., Piskin S.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.112, no.3, pp.1325-1333, 2013 (SCI-Expanded)
- XXVII. **Effect of Heat Treatment on the Structural Characteristics and Dehydroxylation Kinetics of the Tunellite**  
Yilmaz M., Piskin S.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.34, no.3, pp.526-532, 2012 (SCI-Expanded)
- XXVIII. **Production of sodium metaborate tetrahydrate (NaB(OH)<sub>4</sub>·2H<sub>2</sub>O) using ultrasonic irradiation**  
Yilmaz M., Figen A., Piskin S.  
POWDER TECHNOLOGY, pp.166-173, 2012 (SCI-Expanded)

- XXIX. **Structural characterization and dehydration kinetics of Kirka inderite mineral: Application of non-isothermal models**  
Figen A., Yilmaz M., Piskin S.  
Materials Characterization, vol.61, pp.640-647, 2010 (SCI-Expanded)
- XXX. **Synthesis, crystal structure and dehydration kinetics of NaB(OH) 4•2H2O**  
Kanturk A., Sari M., Piskin S.  
Korean Journal of Chemical Engineering, vol.25, pp.1331-1337, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Synthesis of Silica Xeorogel@Mg-Al layered double hydroxide composite for CO2 capture**  
Eren D., Sarı Yılmaz M.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, no.42, pp.1101-1107, 2024 (ESCI)
- II. **CO2 capture performance of graphene oxide synthesized under ultrasound irradiation**  
Sezgin D., Sarı Yılmaz M.  
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.27, no.2, pp.681-687, 2024 (ESCI)
- III. **Xerogel of fast kinetics and high adsorption capacity for cationic dye removal**  
Sezgin D., Sarı Yılmaz M.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.42, no.1, pp.1-9, 2024 (ESCI)
- IV. **Investigating the Performance of Activated Carbon Adsorbent Modified with Iron Oxide Nanoparticles in Removing Crystal Violet From Water**  
Chaharkam M., Tahmasebpoor M., Sarı Yılmaz M.  
Journal of Color Science and Technology, no.17, pp.303-324, 2024 (Peer-Reviewed Journal)
- V. **Kinetics of Thermal Decomposition of Howlite Mineral at Different Heating Rates**  
Arslan Şen G., Sarı Yılmaz M., Derun E.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.41, no.1, pp.74-83, 2023 (ESCI)
- VI. **A Study of CO2 Adsorption Behaviour and Kinetics on KIT-6**  
Sarı Yılmaz M.  
Avrupa Bilim ve Teknoloji Dergisi, no.19, pp.48-55, 2020 (Peer-Reviewed Journal)
- VII. **Comparative Study on Two Different Methods for the Synthesis of Hydrated Sodium Metaborates**  
Sarı Yılmaz M., Pişkin S.  
Karaelmas Fen ve Mühendislik Dergisi, vol.7, no.2, pp.563-567, 2017 (Peer-Reviewed Journal)
- VIII. **Amin Grupları ile Fonksiyonelleştirilmiş MCM-41 Mezogözenekli Silika Üzerine CO2 Adsorpsiyonu**  
Sarı Yılmaz M.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, no.3, pp.961-966, 2017 (Peer-Reviewed Journal)
- IX. **Preparation of Gas Concrete Materials from Various Industrial Waste**  
Karamahmut Mermer N., Sarı Yılmaz M., Pişkin S.  
Sigma Journal of Engineering and Natural Sciences, vol.34, no.4, pp.567-575, 2016 (ESCI)
- X. **METAL VE METALOKSİT NANOPARTİKÜLLERİNİ İÇEREN HİDROJELLERİN ANTİMİKROBİYAL ÖZELLİKLERİNİN İNCELENMESİ INVESTIGATION OF ANTIMICROBIAL PROPERTIES OF HYDROGELS CONTAINING METAL AND METALOXIDE NANOPARTICLES**  
palandöken a., SARI YILMAZ M., ALTIKATOĞLU YAPAÖZ M., PIŞKİN S.  
DEÜ MÜHENDİSLİK BİLİMLERİ DERGISİ, vol.18, no.2, pp.224-238, 2016 (Peer-Reviewed Journal)
- XI. **Synthesis of TiO2 Nanoparticles by Sol-Gel and Sonochemical Combination**  
PIŞKİN S., KASAP S., SARI YILMAZ M.  
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.10, no.1, pp.116-119, 2016 (Peer-Reviewed Journal)
- XII. **The Effect of Acid Concentration on the Synthesis of Hydrophobic Silica Based Aerogels**  
Sarı Yılmaz M., Dere Özdemir Ö., Karamahmut Mermer N., Pişkin M. B.

Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.11, pp.405-408, 2015 (Peer-Reviewed Journal)

- XIII. **The Synthesis of MSU-X Mesoporous Materials from Sodium Silicate**  
Karamahmut Mermer N., Karakaş S. B., Sarı Yılmaz M.  
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.11, pp.401-404, 2015 (Peer-Reviewed Journal)
- XIV. **Investigation of Antibacterial properties of Hydrogel Containing Synthesized TiO<sub>2</sub> Nanoparticles**  
Palantöken A., Altıkatoğlu Yapaöz M., Sarı Yılmaz M., Pişkin S.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.33, pp.1-7, 2015 (ESCI)
- XV. **The Preparation of Silicon and Aluminum Extracts from Tuncbilek and Orhaneli Fly Ashes by Alkali Fusion**  
SARI YILMAZ M., KARAMAHMUT MERMER N.  
International Journal of Chemical, Nuclear, Materials and Metallurgical Engineering, vol.9, no.5, pp.512-515, 2015 (Peer-Reviewed Journal)
- XVI. **INVESTIGATION OF ANTIBACTERIAL PROPERTIES OF HYDROGEL CONTAINING SYNTHESIZED TiO<sub>2</sub> NANOPARTICLES**  
Palantoken A., Yilmaz M., Yapaoz M. A., PİŞKİN S.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.33, no.1, pp.1-7, 2015 (ESCI)
- XVII. **Extraction of Silicon Dioxide from Tailings Slurry of Gold Mine Treatment Plant by Alkali Fusion Technique**  
SARI YILMAZ M., PİŞKİN S.  
International Journal of Chemical, Environmental and Biological Sciences, vol.1, no.3, pp.211-213, 2013 (Peer-Reviewed Journal)
- XVIII. **Application of FTIR Spectroscopy Coupled with Attenuated Total Reflectance for the Determination of Trimethyl Borate**  
PİŞKİN M. B., SARI YILMAZ M.  
International Journal of Biological, Ecological and Environmental Sciences (IJBEES), vol.1, pp.188-191, 2012 (Peer-Reviewed Journal)
- XIX. **Non-isothermal Dehydroxylation Kinetics and Compensation Effect of Tunellite Mineral**  
Sarı Yılmaz M., Pişkin S.  
International Review of Chemical Engineering (IRECHE), vol.3, no.1, pp.125-127, 2011 (Peer-Reviewed Journal)
- XX. **Investigations of the non-isothermal kinetics of Inyoite**  
SARI YILMAZ M., ARSLAN G., TUĞRUL N., PİŞKİN M. B., DERUN E.  
2009 Annual Bulletin of the Australian Institute of High Energetic Materials, vol.1, pp.63-67, 2010 (Peer-Reviewed Journal)
- XXI. **Synthesis of Trimethyl Borate (TMB): As A Starting Material In Production of Sodium Borohydride (NaBH<sub>4</sub>) Hydrogen Storage Medium**  
Sarı Yılmaz M., Pişkin S.  
International Review of Chemical Engineering (IRECHE), vol.2, pp.319-321, 2010 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **The Preparation Of Macroalgae-Based Carbon Material**  
Mammadyarova K., Sarı Yılmaz M.  
The 17th International Scientific Research Congress, Ankara, Turkey, 19 - 20 August 2023, pp.1
- II. **The Synthesis Of Nanoparticles For Cancer Drug Delivery System**  
Gürer T., Sarı Yılmaz M.  
The 17th International Scientific Research Congress, Ankara, Turkey, 19 - 20 August 2023, pp.1
- III. **SILICA EXTRACTION FROM GLASS WASTE BY ALKALI FUSION METHOD**  
Topkaya Kocaman T., Sarı Yılmaz M.

- The 15th International Scientific Research Congress, 17 - 18 December 2022, pp.1-2
- IV. **Poliaminoboran Sentezi ve Bor Nitrür Esaslı Seramik Kaplama Elde Edilmesinde Kullanılması**  
Şen M. B., Eren T., Sarı Yılmaz M.  
The International Boron Symposium Boron 2022, Ankara, Turkey, 5 - 07 October 2022, pp.199-201
- V. **Synthesis of Silica Based Layered Double Hydroxide**  
Eren D., Sarı Yılmaz M.  
International Conference On Emerging Sources In Science, İstanbul, Turkey, 26 - 27 May 2022, pp.246-247
- VI. **Adsorption Study for Anionic Dye Removal Using Eggshell**  
Qullatein H., Sarı Yılmaz M.  
The 12th International Scientific Research Congress - Science and Engineering, 17 - 18 December 2021, pp.1-3
- VII. **Silika Xerojel Sentezi Ve Karakterizasyonu**  
Nour W. T. M., Sarı Yılmaz M.  
14. Ulusal Kimya Mühendisliği Kongresi, Konya, Turkey, 10 - 12 June 2021, pp.1
- VIII. **Kalsine Yumurta Kabuğunun Karakterizasyonu**  
Sezgin D., Prezza A., Sarı Yılmaz M.  
14. Ulusal Kimya Mühendisliği Kongresi, Konya, Turkey, 10 - 12 June 2021, pp.1
- IX. **Ultrason Destekli Grafen Oksit Sentezi ve Karakterizasyonu**  
Arslan E., Coşkun M. T., Sarı Yılmaz M.  
14. Ulusal Kimya Mühendisliği Kongresi, Konya, Turkey, 10 - 12 June 2021, pp.1
- X. **SYNTHESIS AND CHARACTERIZATION OF MESOPOROUS CARBON CMK-3**  
ERTURK S., SARI YILMAZ M., PIŞKİN S.  
3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017, 19 - 21 December 2017
- XI. **CO2 Adsorption on MCM-41 Mesoporous Silica**  
SARI YILMAZ M.  
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, 3 - 07 May 2017
- XII. **THE SYNTHESIS OF ORDERED MESOPOROUS KIT-6**  
Tolu M., SARI YILMAZ M.  
1th INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING, 25 - 28 April 2017
- XIII. **SYNTHESIS OF FUNCTIONALIZED MCM-41 MESOPOROUS SILICA**  
Mermer N. K., Yılmaz M.  
International Conference of Central-Bohemia-University (CBUIC) - Innovations in Science and Education, Prague, Czech Republic, 22 - 24 March 2017, vol.5, pp.1164-1168
- XIV. **Synthesis of Mesoporous Silica MCM 41 from Sand**  
Mermer Karamahmut N., SARI YILMAZ M.  
INTERNATIONAL ACADEMIC RESEARCH CONGRESS, 3 - 05 November 2016
- XV. **The Preparation Of MSU X Mesoporous Silica**  
KARAKAŞ S. B., SARI YILMAZ M.  
INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING- ICAME'16, 10 - 13 May 2016
- XVI. **The Synthesis Of MCM 41 Mesoporous Silica From Water Glass**  
ŞAHİN T. C., SARI YILMAZ M., PIŞKİN S.  
INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING- ICAME'16, 10 - 13 May 2016
- XVII. **Investigation Of Properties Of Hydrophobic Aerogel**  
KARAMAHMUT MERMER N., SARI YILMAZ M., DERE ÖZDEMİR Ö., PIŞKİN M. B.  
INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, 10 - 13 May 2016
- XVIII. **Characterization of Hydrophobic Aerogel for Insulation Application**  
Pişkin M. B., Karamahmut N., Sarı Yılmaz M., Dere Özdemir Ö.  
TMS 20155 144th Annual Meeting&Exhibition, Florida, United States Of America, 15 - 19 March 2015, pp.12
- XIX. **Effect of pH and Aging Temperature on The Synthesis of Silica Based Aerogel**  
KARAMAHMUT MERMER N., SARI YILMAZ M., DERE ÖZDEMİR Ö., PIŞKİN M. B.  
Bio Engineering Conference, 27 - 29 November 2014
- XX. **Hydrogel Synthesis Incorporated with UV Curable Quaternary Ammonium Polyethyleneimine**

PALANTÖKEN A., SARI YILMAZ M., ALTİKATOĞLU YAPAÖZ M., EREN T., PİŞKİN S.

Bio Engineering Conference, 27 - 29 November 2014

- XXI. **Kurutma Koşullarının Aerojel Üretimine Etkisi**  
ERTÜRK S., KARAMAHMUT MERMER N., SARI YILMAZ M., PİŞKİN M. B.  
11.Ulusal Kimya Mühendisliği Kongresi, Turkey, 2 - 05 September 2014
- XXII. **Antimicrobial Activity of Synthesized TiO<sub>2</sub> Nanoparticles**  
PİŞKİN S., Palantöken A., SARI YILMAZ M.  
International Conference on Emerging Trends in Engineering and Technology (ICETET'2013), 7 - 08 December 2013
- XXIII. **CO<sub>2</sub> Adsorption on Zeolite X**  
DERE ÖZDEMİR Ö., SARI YILMAZ M., KARAMAHMUT MERMER N., PİŞKİN S.  
International Porous and Powder Materials Symposium and Exhibition, 3 - 09 September 2013
- XXIV. **A Study on the Synthesis of MCM-41**  
KARAMAHMUT MERMER N., SARI YILMAZ M., DERE ÖZDEMİR Ö., PİŞKİN S.  
1st International Symposium on Innovative Technologies for Engineering and Science, 7 - 09 June 2013
- XXV. **Synthesis and Characterization of Ordered Mesoporous Silica SBA-15**  
PİŞKİN S., SARI YILMAZ M.  
UCTM-2013 Anniversary Scientific Conference with International Participation, 4 - 05 June 2013
- XXVI. **The preparation of silicon and aluminum alkali extracts from fused Turkish coal fly ashes**  
PİŞKİN M. B., SARI YILMAZ M.  
16th IFAC Symposium on Automation in Mining, Minerals and Metal Processing, MMM 2013, San Diego, CA, United States Of America, 25 - 28 August 2013, vol.15, pp.488-490
- XXVII. **Synthesis and Characterization of Ordered Mesoporous Silica MCM-41**  
SARI YILMAZ M., PİŞKİN S.  
School of Molecular Sieves, 1 - 03 April 2012
- XXVIII. **Comparative Study on Classical and Ultrasound-Assisted Methods for Production of Sodium Metaborate**  
SARI YILMAZ M., MARŞOĞLU M., PİŞKİN S.  
17th International Symposium on Boron, Borides and Related Materials, 11 - 17 September 2011
- XXIX. **Production of Methyl Borate for Sodium Borohydride (NaBH<sub>4</sub>): Hydrogen Storage Medium**  
PİŞKİN S., SARI YILMAZ M.  
International Conference on Chemistry and Chemical Process, 7 - 09 May 2011
- XXX. **The Removal of Nickel from Leachate of Galvanic Sludge with Titanium Dioxide**  
Sarı Yılmaz M., Kasap S., Dere Özdemir Ö., Pişkin S.  
TMS 2011 Annual Meeting & Exhibition, California, United States Of America, 27 February - 03 March 2011
- XXXI. **Evaluation of the Toxicity Characteristic Leaching Procedure (TCLP) of Galvanic Sludge**  
PİŞKİN M. B., SARI YILMAZ M.  
25th International Conference on Solid Waste Technology and Management, 14 - 17 March 2010
- XXXII. **Investigation of Methyl Borate Production from Different Boron Compounds**  
SARI YILMAZ M., DERE ÖZDEMİR Ö., PİŞKİN S.  
6th Chemical Engineering Conference For Collaborative Research in Eastern Mediterranean Countries, 7 - 12 March 2010
- XXXIII. **Kinetic Study of the Thermal Dehydration of Inyoite Mineral**  
Sarı Yılmaz M., Arslan G., Tuğrul N., Pişkin M. B., Derun E.  
2009 Multilingual Interdisciplinary Conference on Chemical, Mechanical and Materials Engineering, Melbourne, Australia, 7 - 20 December 2009, pp.181-184
- XXXIV. **Study of Dehydration Kinetics of Tunellite and Theta Rule**  
SARI YILMAZ M., PİŞKİN M. B.  
4th International Boron Symposium, 15 - 17 October 2009
- XXXV. **Characterization of Waste Magnesium Chip: As a Hydrogen Storage Material**  
KANTÜRK A., SARI YILMAZ M., FİGEN H. E., PİŞKİN M. B.



HYdrogen POver THEoretical Engineering Solutions Industrial Symposium 2009 (HYPOTHESIS VIII Lisboa 2009), LÍZBON, Portugal, 1 - 03 April 2009

- XXXVI. **Production of Sodium Metaborate NaBO<sub>2</sub> Under Ultrasonic Conditions**  
SARI YILMAZ M., KANTÜRK A., PİŞKİN S.  
7th International Industrial Minerals Symposium and Exhibition, 25 - 27 February 2009
- XXXVII. **Investigation of Dehydration Kinetic and Kinetic Compensation Effect (KCE) of Inderite Mineral**  
KANTÜRK FİGEN A., SARI YILMAZ M., PİŞKİN S.  
7th International Industrial Minerals Symposium and Exhibitions, 25 - 27 February 2009
- XXXVIII. **H<sub>2</sub>SO<sub>3</sub> Leaching Characteristics of Toxic Metals Recovery From Plating Sludge**  
Dere Ö., Kantürk A., Sarı M., Pişkin S.  
Global Conference on Global Warming (GCGW-08), İstanbul, Turkey, 6 - 10 July 2008, pp.26-34
- XXXIX. **Characterization of Metal Plating Sludge to Identify It's Enviromental Risky**  
DERE ÖZDEMİR Ö., SARI YILMAZ M., KANTÜRK FİGEN A., PİŞKİN S.  
Global Conference on Global Warming, 6 - 10 July 2008
- XL. **Preparation of Kernite Based Borosilicate Glass as a Starting Material for NaBH<sub>4</sub> Production**  
SARI M., KANTÜRK A., DERE Ö., PİŞKİN S.  
The International Youth Science Environmental Forum (ECOBALTICA 2008), 26 - 28 June 2008
- XLI. **Mechanical Milling Study Of Waste-Chip Magnesium: Effects On Specific Surface Area And Microstructure**  
KANTÜRK FİGEN A., SARI YILMAZ M., DERE ÖZDEMİR Ö., PİŞKİN S.  
The Seventh International Youth Environmental Forum of Baltic Region Countries ECOBALTICA, 26 - 28 June 2008
- XLII. **The Effect of Thermal Treatment On Chemical And Physical Properties In Galvanic Sludge: Prevent Ecological Impact On Bioenvironment**  
DERE ÖZDEMİR Ö., PİŞKİN M. B., SARI YILMAZ M., KANTÜRK FİGEN A.  
The Seventh International Youth Environmental Forum of Baltic Region Countries ECOBALTICA, 26 - 28 June 2008
- XLIII. **FT IR ATR Spektroskopi Tekniğiyle Sodyum Metaboratın NaBO<sub>2</sub> Kalitatif ve Kantitatif Analizi**  
SARI YILMAZ M., KANTÜRK FİGEN A., PİŞKİN S.  
II.Ulusal Bor Çalıştayı, Turkey, 17 - 18 April 2008
- XLIV. **Eskişehir-Kırka Bölgesi Magnezyum Borat Cevherinin Yapısal Özelliklerinin İncelenmesi: XRD, DTA-TG, SEM-EDS, FT-IR**  
KANTÜRK FİGEN A., SARI YILMAZ M., PİŞKİN S.  
II.Ulusal Bor Çalıştayı, Turkey, 17 - 18 April 2008
- XLV. **A Characterization Study on Sodium Borohydride (NaBH<sub>4</sub>): Hydrogen Storage Medium**  
KANTÜRK FİGEN A., SARI YILMAZ M., DERE ÖZDEMİR Ö., PİŞKİN S.  
The Tenth International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP2007), 11 - 13 December 2007
- XLVI. **Reusing of sodium silicate as a raw material in glass industry: By-product of sodium borohydride production**  
KANTÜRK FİGEN A., SARI YILMAZ M., DERE ÖZDEMİR Ö., PİŞKİN S.  
6th International Conference on Technologies for Waste and Wastewater Treatment Energy from Waste Remediation of Contaminated Sites Emissions Related on Climate (ECO-TECH 2007), 26 - 28 November 2007
- XLVII. **Utilization of Colemanite, Ulexite, Kernite and Tincalconite Minerals As Boron Source in Sodium Borohydride Production**  
PİŞKİN M. B., SARI YILMAZ M., KANTÜRK FİGEN A.  
2nd Balkan Mining Congress, 10 - 13 September 2007
- XLVIII. **Evaluation of Thermal Behaviors of Soda Ash By Using TG, DTG, DTA, DSC Analysis Techniques**  
SARI YILMAZ M., KANTÜRK FİGEN A., PİŞKİN S.  
2nd Balkan Mining Congress, 10 - 13 September 2007
- XLIX. **A New Quantitative Application of FT-IR/ATR: Sodium Borohydride Concentration in Discharged Borate Solution**  
KANTÜRK FİGEN A., SARI YILMAZ M., FİGEN H. E., PİŞKİN S.

- 2nd International Hydrogen Energy Congress and Exhibition IHEC 2007, 13 - 15 July 2007
- L. **Colemanite Mineral: As a Starting Material for Sodium Borohydride Production**  
SARIALIOĞLU Ü. B., KANTÜRK FİGEN A., SARI YILMAZ M., PİŞKİN S.  
2nd International Hydrogen Energy Congress and Exhibition IHEC 2007, 13 - 15 July 2007
- LI. **Structural Characterization of Soda Ash By XRD, XRF, FT-IR, DTA-TG, SEM Techniques**  
KANTÜRK FİGEN A., SARI YILMAZ M., PİŞKİN S.  
10th National Conference of Metallurgy with International Participation, 28 - 31 May 2007
- LII. **An Alternative Method of Sodium Borohydride Production from Ulexite Mineral**  
KANTÜRK FİGEN A., SARI YILMAZ M., PİŞKİN S.  
Somer Symposium, 14 - 16 May 2007
- LIII. **Evaluation of The Thermal Dehydration Of Sodium Metaborate 4-Hdyrate (NaB(OH)4.2H2O) By Using TG/DTG-DSC**  
SARI YILMAZ M., KANTÜRK FİGEN A., PİŞKİN S.  
Somer Symposium, 14 - 16 May 2007
- LIV. **Production of Sodium Metaborate and Investigation of Its Structural Properties**  
KANTÜRK FİGEN A., SARIALIOĞLU Ü. B., SARI YILMAZ M., PİŞKİN S.  
3rd International Boron Symposium, 2 - 04 November 2006

## Supported Projects

- Sarı Yılmaz M., Sezgin D., Sarı Erkan H., Kara N., Project Supported by Higher Education Institutions, Antibiyotiğin Elektrokimyasal Bozunumu ve Tespiti için Dörtlü MnFe<sub>2</sub>O<sub>4</sub>ZIF8@NiFe<sub>2</sub>O<sub>4</sub>rGO Nanokompozit Sentezi, 2024 - 2026
- Dursun İ., Sarı Yılmaz M., Karamahmut Mermer N., TUBITAK Project, TÜBİTAK 2209-B Farklı Katkılar ile İletken Isıtma Boyalarının Hazırlanması ve Isı Üretim Performanslarının İncelenmesi, 2023 - 2024
- Akpınar S., Sarı Yılmaz M., TUBITAK Project, TÜBİTAK 2209A-Yeni Bor Katkılı Biyoçarın Sentezi ve Boya Çözeltilsinin Arıtımında Kullanımı, 2023 - 2024
- Sarı Yılmaz M., TUBITAK Project, Alg-Türevli Nanogözenekli Karbon Sentezi Ve Karbondioksit (Co<sub>2</sub>) Yakalama Performansının İncelenmesi, 2023 - 2024
- Sarı Yılmaz M., Gürer T., Project Supported by Higher Education Institutions, ANTİKANSER İLAÇ SALIMI İÇİN İNDİRGENMİŞ GRAFEN OKSİT/SİLİKA KOMPOZİTİ SENTEZİ VE KARAKTERİZASYONU, 2023 - 2024
- Sarı Yılmaz M., Eren T., Project Supported by Higher Education Institutions, Fonksiyonel poliaminoboranların sentezi ve uygulamaları (hava araçlarında kullanılan karbon elyaf ve alüminyum parçaların yüzeyinin kaplanması ve boyavernik formülasyonunda alev geciktirici olarak kullanılması), 2022 - 2024
- Sarı Yılmaz M., Eren T., Atılhan M., TUBITAK Project, Gıda Atığından Sentezlenen Katmanlı Malzemenin Polimerler İle Fonksiyonelleştirilerek Karbondioksit (Co<sub>2</sub>) Tutma Mekanizmalarının İncelenmesi, 2022 - 2024
- Sarı Yılmaz M., Topkaya T., Project Supported by Higher Education Institutions, Cam Atıklarından Silika Bazlı Malzeme Sentezi ve CO<sub>2</sub> Adsorpsiyonunda Kullanımının İncelenmesi, 2022 - 2023
- SARI YILMAZ M., EREN D., Project Supported by Higher Education Institutions, Kserojel /Tabakalı Çift Hidroksit Kompozitlerin Üretimi ve CO<sub>2</sub> Yakalama Performanslarının İncelenmesi, 2022 - 2023
- Sarı Yılmaz M., Eren D., Project Supported by Higher Education Institutions, Kserojel Çift Tabakalı Hidroksit Kompozitlerin Üretimi ve CO<sub>2</sub> Yakalama Performanslarının İncelenmesi, 2022 - 2023
- Sarı Yılmaz M., Kırboga Okumuş S., Project Supported by Higher Education Institutions, Sentezlenen Çeşitli Kompozit Malzemelerin Seçimli Boya Adsorpsiyonu, 2021 - 2023
- Arslan E., Sarı Yılmaz M., TUBITAK Project, TÜBİTAK 2209A-Grafen Oksidin İndirgenmesinde Çevre Dostu Ve Ekonomik Bir Yöntem Geliştirilmesi, 2021 - 2022
- Sarı Yılmaz M., Qulaten H. A., Project Supported by Higher Education Institutions, Çeşitli Boyaların Hızlı ve Seçimli Adsorpsiyonu için Yeni Biyo-Bazlı Adsorbanın Hazırlanması, 2021 - 2022
- SARI YILMAZ M., Project Supported by Higher Education Institutions, GRAFEN BAZLI MEZOGÖZENEKLİ MALZEMELERİN CO<sub>2</sub> ADSORPSİYONU İÇİN ADSORBAN OLARAK KULLANIMLARININ İNCELENMESİ, 2020 - 2022
- SARI YILMAZ M., Project Supported by Higher Education Institutions, MEZOGÖZENEKLİ SİLİKA ESASLI KOMPOZİTLERİN

CO<sub>2</sub> ADSORPSİYON KAPASİTELERİNİN ARAŞTIRILMASI, 2017 - 2019

PİŞKİN M. B., SARI YILMAZ M., Project Supported by Higher Education Institutions, Hidrofobik Aerojellerin İnşaat Sektöründe Yalıtım Amaçlı Sıva Olarak Kullanımının İncelenmesi, 2014 - 2017

SARI YILMAZ M., Project Supported by Higher Education Institutions, Co<sub>2</sub> Adsorpsiyonu için Amin Destekli Mezogözenekli Silika Adsorbanların Sentezi, 2014 - 2017

SARI YILMAZ M., Project Supported by Higher Education Institutions, Türkiye'deki Termik Santrallerden Temin Edilen Uçucu Külleri Kullanarak MCM-41 Üretimi, 2014 - 2016

PİŞKİN S., SARI YILMAZ M., Project Supported by Higher Education Institutions, Halka Açılma Metatez Polimerizasyonu Esaslı Antimikrobiyal Hidrojel Kaplama, 2013 - 2016

TUĞRUL N., KIPÇAK A. S., SARI YILMAZ M., ACARALI N., Project Supported by Higher Education Institutions, Farklı Bölgelerden Alınan Uçucu Küllerin Ağır Metal İyonlarının Adsorbansı Üzerinde Etkilerinin İncelenmesi, 2011 - 2014

Sarı Yılmaz M., Kantürk Figen A., Pişkin S., Industrial Thesis Project, Elektrik İletkenliğine Sahip Boya ve Isıtıcı Sistemin Oluşturulması Üretimi ve Bunun Yeni Nesil Seramik Üzerine Uygulanması, 2011 - 2014

Tuğrul N., Pişkin S., Pişkin M. B., Derun E., Acaralı N., Kantürk Figen A., Kıpçak A. S., Sarı Yılmaz M., Dere Özdemir Ö., Project Supported by Higher Education Institutions, Farklı Bölgelerden Alınan Uçucu Küllerin Ağır Metal İyonlarının Adsorbansı Üzerinde Etkilerinin İncelenmesi, 2011 - 2014

DERUN E., KIPÇAK A. S., SARI YILMAZ M., TUĞRUL N., Project Supported by Higher Education Institutions, Farklı Magnezyum Ve Bor Kaynaklarından Magnezyum Boratların Üretimi Ve Üretim Parametrelerinin İncelenmesi, 2012 - 2013

Derun E., Pişkin M. B., Tuğrul N., Kıpçak A. S., Kantürk Figen A., Sarı Yılmaz M., Acaralı N., D. Özdemir Ö., Şenberber F. T., Yıldırım M., Project Supported by Higher Education Institutions, Farklı Magnezyum ve Bor Kaynaklarından Magnezyum Boratların Üretimi Karakterizasyonu ve Üretimi Etkileyen Faktörlerin İncelenmesi, 2012 - 2013

Sarı Yılmaz M., Pişkin S., Project Supported by Other Official Institutions, Hidrojen Depolama İçin Amonyum Boran (NH<sub>3</sub>BH<sub>3</sub>) Üretimi ve Proses Optimizasyonu, 2011 - 2013

PİŞKİN S., KIPÇAK A. S., SARI YILMAZ M., TUĞRUL N., Project Supported by Higher Education Institutions, Düşük Maliyetli Yüksek Verimli Hidrofobik ve Nano Yapılı Yeni Çinko Borat Üretim Teknolojilerinin Geliştirilmesi, 2010 - 2012

Kantürk Figen A., Pişkin S., Sarı Yılmaz M., Development Agency, Çeşitli Bileşiklerden Hidrojen Üretimi ve Yakıt Pili Geliştirilmesi, 2003 - 2010

## Peer Reviews in Scientific Publications

JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, National Scientific Refreed Journal, May 2024

MATERIALS CHEMISTRY AND PHYSICS, SCI Journal, April 2024

Sustainable Chemistry and Pharmacy, National Scientific Refreed Journal, March 2024

JOURNAL OF POROUS MATERIALS, SCI Journal, January 2024

MAIN GROUP CHEMISTRY, SCI Journal, December 2023

OpenNano, SCI Journal, November 2023

BIOMASS CONVERSION AND BIOREFINERY, SCI Journal, July 2023

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, November 2022

Sigma Journal of Engineering and Natural Sciences, Journal Indexed in ESCI, June 2022

COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, SCI Journal, May 2022

GELS, SCI Journal, February 2022

BIOMASS CONVERSION AND BIOREFINERY, SCI Journal, December 2021

MAIN GROUP METAL CHEMISTRY, SCI Journal, March 2021

International Journal of Life Sciences and Biotechnology, Other Indexed Journal, February 2021

CHEMICAL ENGINEERING JOURNAL, SCI Journal, November 2020

CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, SCI Journal, November 2020

Sigma Journal of Engineering and Natural Sciences, Journal Indexed in ESCI, October 2020

Main Group Chemistry, Journal Indexed in SCI-E, September 2020

Environmental Engineering Science, SCI Journal, September 2020

INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, SCI Journal, July 2020  
NEW JOURNAL OF CHEMISTRY, SCI Journal, July 2020  
WASTE AND BIOMASS VALORIZATION, SCI Journal, July 2020  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, SCI Journal, June 2020  
Recent Innovations in Chemical Engineering, Other Indexed Journal, March 2020  
Recent Patents on Drug Delivery & Formulation , Other Indexed Journal, January 2020  
Recent Patents on Drug Delivery & Formulation, Other Indexed Journal, December 2019  
Modern Chemistry, Other Indexed Journal, September 2019  
NANOSCALE, National Scientific Refreed Journal, November 2017  
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, November 2017  
APPLIED CLAY SCIENCE, SCI Journal, September 2017  
MAIN GROUP CHEMISTRY, Journal Indexed in SCI-E, June 2017  
MAIN GROUP CHEMISTRY, Journal Indexed in SCI-E, March 2017  
DOKUZ EYLÜL ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ FEN VE MÜHENDİSLİK DERGİSİ, National Scientific Refreed Journal, July 2015  
International Journal of Water Resources and Environmental Engineering, Other Indexed Journal, March 2013  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, SCI Journal, November 2012

### **Tasks In Event Organizations**

Sarı Yılmaz M., The 14th International Scientific Research Congress, Scientific Congress, Ankara, Turkey, Ağustos 2022  
Sarı Yılmaz M., The 13th International Scientific Research Congress, Scientific Congress, Ankara, Turkey, Mart 2022  
Sarı Yılmaz M., 14.Ulusal Kimya Mühendisliği Kongresi, Scientific Congress, Konya, Turkey, Haziran 2021

### **Metrics**

Publication: 112  
Citation (WoS): 588  
Citation (Scopus): 672  
H-Index (WoS): 14  
H-Index (Scopus): 13

### **Congress and Symposium Activities**

Karbondioksit Tutma, Değerlendirme Ve Depolama Teknolojileri Yol Haritası Ve Uygulama Planı Çalıştayı, Working Group, Ankara, Turkey, 2022

### **Scholarships**

XXI Congress of the International Union of Crystallography (IUCr 2008) kongresine katılımı bursu, Other International Organizations, 2008 - 2008

### **Awards**

Sarı Yılmaz M., INTERNATIONAL BEST RESEARCHER AWARD, Issn International Research Awards 2022 (Istac-2022), August 2022