

Personal Information

Office Phone: [+90 0216 348 0292](tel:+9002163480292) Extension: 1737

Email: ozlem.uguz@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/ozlem.uguz>

Biography

Arş.Gör.Özlem UĞUZ 1991 yılında İstanbul'da doğdu. 2013 yılında Marmara Üniversitesi Kimya Mühendisliği Bölümü'nünden lisans derecesini aldı. Yüksek lisans öğrenimini 2014-2016 yılları arasında İstanbul Teknik Üniversitesi Kimya Mühendisliği Bölümü'nde tamamlayarak 2015-2016 yılları arasında aynı üniversitede araştırma görevlisi olarak görev yaptı. 2017 yılında Marmara Üniversitesi Kimya Mühendisliği Bölümü'nde doktora öğrenimine başladı. 2016 yılından itibaren de aynı üniversitede Kimyasal Teknolojiler Anabilim dalında araştırma görevlisi olarak çalışmakta ve doktora çalışmaları yürütmektedir.

Education Information

Post Graduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Y) (Tezli), Turkey 2014 - 2016

Under Graduate, Marmara University, Faculty Of Engineering, Chemical Engineering, Turkey 2009 - 2013

Foreign Languages

English, C2 Proficiency

Dissertations

Post Graduate, Combustion behaviors of Kütahya-Tunçbilek and Adıyaman-Gölbaşı lignites in oxygen enriched environments, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Y) (Tezli), 2016

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Engineering, Chemical Engineering, 2016 - Continues

Research Assistant, İstanbul Teknik Üniversitesi, Kimya-Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 2015 - 2016

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

- **Burning Resistance of Lignitic Coals Under Oxygen-Enriched Conditions**

Uğuz Ö., Açma H., Yaman S.

Journal Of Energy Resources Technology-Transactions Of The Asme, vol.142, pp.1-9, 2020 (Journal Indexed in SCI Expanded)

- **Solar-hydrogen production with reduced graphene oxide supported CdxZn1-xS photocatalysts**

Tanişik İ., UĞUZ Ö., Akyüz D., Zunain Ayaz R. M. , SARIOĞLU C., Karaca F., ÖZKAYA A. R. , KOCA A.

International Journal of Hydrogen Energy, 2020 (Journal Indexed in SCI Expanded)

- **Combustion kinetics of lignite preheated under oxygen-enriched conditions**

Uguz Ö., Haykiri-Acma H., Yaman S.

ENERGY & ENVIRONMENT, 2019 (Journal Indexed in SSCI)

- **Metal chalcogenide based photocatalysts decorated with heteroatom doped reduced graphene oxide for photocatalytic and photoelectrochemical hydrogen production**

Akyüz D., Zunain Ayaz R. M. , Yılmaz S., UĞUZ Ö., SARIOĞLU C., Karaca F., ÖZKAYA A. R. , KOCA A.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, pp.18836-18847, 2019 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- **Enhanced Photoelectrochemical activity of Reduced Graphene Oxide decorated Cd_xZn_{1-x}S photocatalyst for Hydrogen Production**

AYAZ R. M. Z. , AKYÜZ ÇUBUKÇU D., UĞUZ Ö., TANIŞIK İ., SARIOĞLU C., KARACA ALBAYRAK F., ÖZKAYA A. R. , KOCA A.

4th International Hydrogen Technologies Congress, IHTEC, 20 - 23 Haziran 2019

- **Photoelectrochemical-Photocatalytic Dual Hydrogen Production of RGO-Cd_{1-x}Zn_xS**

UĞUZ Ö., AKYÜZ ÇUBUKÇU D., AYAZ R. M. Z. , YILMAZ S., SARIOĞLU C., KARACA ALBAYRAK F., ÖZKAYA A. R. , KOCA A.

4th International Hydrogen Technologies Congress, IHTEC, 20 - 23 Haziran 2019

- **Photoelectrochemical-Photocatalytic Dual Hydrogen Production System**

Uğuz Ö., Koca A., Karaca Albayrak F., Sarioğlu C., Akyüz D., Ayaz R. M. Z. , Davulcu S.

4th International Hydrogen Technologies Congress, Edirne, Turkey, 20 Haziran 2019, pp.275-278

- **Applicability of regression analysis on the oxygen enriched combustion of AdiyamanGolbasi lignite**

UĞUZ Ö., DEMİRCİ A., AÇMA H., YAMAN S.

2nd International Conference on Pure and Applied Mathematics, Van, Turkey, 11 - 13 Eylül 2018, pp.141

- **Electrochemical Sensing Applications of Metallophthalocyanines (MPCs)**

UĞUZ Ö., AKYÜZ ÇUBUKÇU D., KOCA A.

69th Annual ISE Meeting, 2 - 07 Eylül 2018

- **Characterization Study of Kütahya-Tunçbilek Lignite during Oxygen Enriched Combustion**

UĞUZ Ö., AÇMA H., YAMAN S.

14th International Combustion Symposium INCOS2018, Karabük, Turkey, 25 - 27 Nisan 2018, vol.1, pp.360-364

- **Active Photocatalysts Designed by Sulphurization Method for Hydrogen Production**

TANIŞIK İ., AKYÜZ D., AYAZ R. M. Z. , UĞUZ Ö., SARIOĞLU C., KARACA ALBAYRAK F., ÖZKAYA A. R. , KOCA A.

3rd International Hydrogen Technologies Congress, 15 - 18 Mart 2018

- **Hydrogen Production from Water as Photoelectrochemical by using Solar Light Irradiation**

AYAZ R. M. Z. , AKYÜZ D., UĞUZ Ö., TANIŞIK İ., SARIOĞLU C., KARACA ALBAYRAK F., ÖZKAYA A. R. , KOCA A.

3rd International Hydrogen Technologies Congress, 15 - 18 Mart 2018

- **The Effect of Co-Catalyst and Novel Heterogeneous Active Photocatalysts for Hydrogen Evolution Under Solar Energy**

AKYÜZ D., UĞUZ Ö., TANIŞIK İ., AYAZ R. M. Z. , SARIOĞLU C., KARACA ALBAYRAK F., ÖZKAYA A. R. , KOCA A.

3rd International Hydrogen Technologies Congress, 15 - 18 Mart 2018

- **Photoelectrochemical Hydrogen Production Using Cd(1-x)Zn_xS and Its Modifications with Graphene Derivatives**

UĞUZ Ö., AKYÜZ D., AYAZ R. M. Z. , TANIŞIK İ., SARIOĞLU C., KARACA ALBAYRAK F., ÖZKAYA A. R. , KOCA A.

3rd International Hydrogen Technologies Congress, 15 - 18 Mart 2018

- **Thermal Analyses of Turkish Lignites During Combustion**

UĞUZ Ö., AÇMA H., YAMAN S.

International Conference on Applications in Chemistry and Chemical Engineering, 11 - 15 Ekim 2017

- **Kinetic Study of Kütahya-Tunçbilek Lignite during Oxygen Enriched Conditions**

YAMAN S., UĞUZ Ö., AÇMA H.

2nd International Conference on Advanced Engineering Technologies-ICADET, Bayburt, Turkey, 21 - 23 Eylül 2017, vol.1, pp.726-731

- **Kinetics Study of Adiyaman-Gölbasi Lignite during Oxygen Enriched Combustion**

UĞUZ Ö., AÇMA H., YAMAN S.

FCE 2017, 6th Int. Conf. on Renewable Fuels, Combustion and Fire, Nevşehir, Turkey, 18 - 21 Mayıs 2017, vol.1, pp.177-184

- **Combustion of Tuncbilek Lignite in Oxygen Enriched Atmosphere**

UĞUZ Ö., AÇMA H., YAMAN S.

8th Ege Energy Symposium and Exhibition, 11 Mayıs 2016 - 13 Nisan 2018

- **Combustion of Adiyaman-Golbasi Lignite in Oxygen Enriched Atmosphere**

UĞUZ Ö., AÇMA H., YAMAN S.

Eurasia 2016 Waste Management Symposium, 2 - 04 Mayıs 2016

Invited Congress and Symposium Activities

4th International Hydrogen Technologies Congress, Working Group, Edirne, Turkey, 2018

3rd International Hydrogen Technologies Congress, Working Group, Antalya, Turkey, 2018

ICACCHE(Internation Conference on Applications in Chemistry and Chemical Engineering, Working Group, Sarajevo, Bosnia And Herzegovina, 2017

6th International Conference on Renewable Fuels Combustion and Fire, Working Group, Nevşehir, Turkey, 2017

8th International Ege Energy Symposium&Exhibition, Working Group, Afyon, Turkey, 2016

Eurasia 2016 Waste Management Symposium, Working Group, İstanbul, Turkey, 2016

Citations

Total Citations (WOS):3

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