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Education

Doctorate, Yildiz Technical University, Kimya Müh. Böl., Turkey 1987 - 1993
Postgraduate, Yildiz Technical University, Kimya Müh. Böl., Turkey 1983 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Gaz Yakıt Oksijen Ön Karışımlı Alevlerinden Isı Geçişinin ve Bu Alevlerin Isı Etkinliklerinin İncelenmesi, Yıldız Teknik Üniversitesi, Kimy Met. Fak., Kimya Müh. Böl., 1993
Postgraduate, Alkali ve Toprak Alkali Metal Tuzları Sulu Çözeltilerinin Çeşitli Basınçlarda İncelenmesi, Yıldız Teknik Üniversitesi, Kimy Met. Fak., Kimya Müh. Böl., 1986

Research Areas

Avesis Research Areas: Chemistry, Physical Chemistry, Surface Chemistry, Natural Sciences
WoS Research Areas: Natural Sciences (SCI), CHEMISTRY, CHEMISTRY, PHYSICAL
Scopus Research Areas: General Chemistry, Physical and Theoretical Chemistry

Academic Positions

Professor, Yildiz Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, 2017 - Present
Associate Professor, Yildiz Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, 2011 - Present

Articles

Articles

I. **A concise approach for interpreting the removal kinetic of 2,4-D by carbonized peanut shell**
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Journal of Dispersion Science and Technology, vol.47, no.6, pp.971-980, 2026 (SCI-Expanded, Scopus)

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X. **Evaluating the effectiveness of DAP as a consolidant on Turkish building stones**
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XX. **Reçineler ve Kullanım Alanları**
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BIORESOURCE TECHNOLOGY, vol.99, no.6, pp.1503-1508, 2008 (SCI-Expanded, Scopus)

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XLVIII. **Gaz Yakıt-Oksijen Ön Karışımlı Alevlerinin Yanma Hızlarını Ölçmek İçin Bir Yöntem Geliştirilmesi**
Kocabıyık S., GÜLEN F. J., Kadırgan N.
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XLIX. **Saray, Çan, Tunçbilek, Ağaçlı, Seyitömer, Seyitömer (düşük kalorili) Linyitlerinin ve Şırnak Asfaltitlerinin Termik Özelliklerinin İncelenmesi**
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Books

I. **Potential Methods for Converting Coal into Gasification Products for Reduced Global Warming,**
GÜLEN F. J.
in: Impacts and Solutions to Global Warming, İbrahim Dinçer, Özgür Çolpan, Fethi Kadıoğlu, Editor, Springer, Usa, pp.1035-1054, 2014

II. **Effect of Oxidative Medium on Removal of Sulfur and Mineral Matter from the Çan Lignites**
GÜLEN F. J.
in: Global Warming Engineering Solutions Entitled Book, Dinçer, İ., Midilli, A., Hepbaşlı, A., Karakoç, T., Editor, Green Energy And Applied Technology Council (Atc) Series (Isbn 978-1-4419-1016-5), Newyork, pp.347-355, 2010

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Process Simulation of Biohythane Production by Two-Stage Anaerobic Fermentation Process**
Şencan S., Öztürk A. B., Gülen J.
2nd International Conference on Innovative Academic Studies, Konya, Turkey, 28 - 31 January 2023, pp.1-4, (Full Text)

II. **Water Purification by a Biomass Adsorbent under Ultrasonic Effec**
Gülen F. J., Küçük İ., Salt İ., Saygı Yalçın B.
, 5. International Turkic World Conference on Chemical Science and Technologies, ITWCCST 2019 Conference, Sakarya, Turkey, 25 - 29 October 2019, pp.11-12, (Summary Text)

III. **Production of Biobutanol from Cooked-Rice by Two-Step Fermentation**
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JAPAN-CHINA-KOREA Joint Symposium on Energy and Environment, Nagano, Japan, 5 - 07 September 2019, pp.1, (Summary Text)

IV. **Optimization Study of Water-Based Acrylic Coatings for Glass Materials**
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VI. **Agglomerate Modeling Through Discreetly Distrubuted Catalyst Particles for Anion Exchange Membrane Fuel Cells**
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VIII. **A STUDY ON THERMOCHEMICAL AND BIOCHEMICAL CONVERSION TECHNOLOGIES FOR BIOMASS RESIDUES**
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Non Academic Experience

Yıldız Teknik Üni, Yrd. Doç. Dr.