

Prof. AYNUR BÜYÜKUTKU

Personal Information

Web: <https://avesis.ankara.edu.tr/butku>

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (Dr), Turkey 1991 - 1998

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (YI) (Tezli), Turkey 1988 - 1991

Undergraduate, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1984 - 1988

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Trakya Havzası KB'xxsı orta-üst eosen birimlerinin (Keşan grubu) petrol jeolojisi açısından incelenmesi, Ankara University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (Dr), 1998

Academic Titles / Tasks

Associate Professor, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2006 - Continues

Professor, Ankara University, Mühendislik Fakültesi, 2015 - 2016

Academic and Administrative Experience

Deputy Head of Department, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2019 - 2023

Courses

Reservoir Geology, Undergraduate, 2023 - 2024

Techniques of field geology, Undergraduate, 2023 - 2024

Geophysical Methods in Oil Exploration, Undergraduate, 2023 - 2024

Mühendislik Etiği, Undergraduate, 2023 - 2024

Geology of Fossil Fuels, Undergraduate, 2023 - 2024

Kuyu Logları, Undergraduate, 2023 - 2024

JM 358 yakıtlar Jeolojisi , Undergraduate, 2014 - 2015

KUMTAŞI REZERVUARLARINDA DİYAJENEZ, Postgraduate, 2014 - 2015

JM 314 PETROL ARAMALARINDA JEOFİZİKSEL YÖNTEMLER, Undergraduate, 2013 - 2014

JM 403 PETROL JEOLJİSİ, Undergraduate, 2013 - 2014

JM 313 REZERVUAR JEOLJİSİ, Undergraduate, 2013 - 2014

812 502 KUMTAŞI REZERVUARLARINDA DİYAJENEZ, Postgraduate, 2013 - 2014
JEM 432 MÜHENDİSLİKTE PROJELENDİRME, Undergraduate, 2013 - 2014
812573 KUYU LOGLARI, Postgraduate, 2013 - 2014
JEM 208 SAHA JEOLJİSİ, Undergraduate, 2012 - 2013

Advising Theses

BÜYÜKUTKU A., Tuz gölü havzasında yer alan haymana formasyonu kumtaşlarının diyajenezi, Postgraduate, M.EMRE(Student), 2017
BÜYÜKUTKU A., Erzurum civarında yer alan bir kuyuda geçilen üst oligosen yaşlı kum taşlarının diyajenezi, M.GÜLTEKİN(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reservoir potential of the Haymana Formation submarine-fan sandstones in the Haymana Basin of Turkey**
GEÇER A., BÜYÜKUTKU A., Caetano P. S., Rocha F. T., Kibris M. E., Albayrak M.
JOURNAL OF PETROLEUM EXPLORATION AND PRODUCTION TECHNOLOGY, vol.9, no.3, pp.1819-1837, 2019 (SCI-Expanded)
- II. **Reservoir descriptions of the Komurlu and Penek Formations near Erzurum, East Anatolia, Turkey**
GEÇER A., BÜYÜKUTKU A., Gultekin F.
JOURNAL OF PETROLEUM EXPLORATION AND PRODUCTION TECHNOLOGY, vol.9, no.3, pp.1677-1693, 2019 (SCI-Expanded)
- III. **Mineralogical, Morphological, Geochemical, and Chemical Studies of Guvenc Formation Shales, Adana Basin, South of Turkey: The Implication for Hydrocarbon Formation**
Buyukutku A., Gecer A.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, no.24, pp.2328-2336, 2013 (SCI-Expanded)
- IV. **Reservoir properties of Karaisali{dotless} formation in the Adana Basin, Southern Turkey**
Büyücutku A.
Journal of Petroleum Science and Engineering, vol.65, no.1-2, pp.33-44, 2009 (SCI-Expanded)
- V. **The reservoir potential of the upper eocene carbonates of the Northern Thrace Basin, Turkey**
BÜYÜKUTKU A., Eseller G.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.31, no.1, pp.25-30, 2009 (SCI-Expanded)
- VI. **Diagenesis of Kuzgun sandstones (Middle-Upper Miocene), Adana Basin, Turkey: Implications for reservoir heterogeneity**
Buyukutku A.
JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA, vol.68, no.4, pp.615-622, 2006 (SCI-Expanded)
- VII. **The effect of ductile-lithic sand grains, overpressure and secondary dissolution on porosity and permeability and their relevance to hydrocarbon exploration in Askale sub-basin, East Anatolia, Turkey**
Bueyuekutku A., Sahintuerk O.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.28, no.11, pp.1027-1038, 2006 (SCI-Expanded)
- VIII. **The reservoir potential of the Eocene carbonates in the Bolu Basin, West of Turkey**
Buyukutku A., Sari A., Karacam A.
JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING, vol.49, no.1-2, pp.79-91, 2005 (SCI-Expanded)
- IX. **Clay controls on reservoir properties in sandstone of Kuzgun formation and its relevance to**

hydrocarbon exploration, Adana basin, Southern Turkey

Buyukutku A., Bagci A.

JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING, vol.47, no.3-4, pp.123-135, 2005 (SCI-Expanded)

X. **Sandstone petrology and tectonostratigraphic terranes of the northwestern Thrace Basin, Turkey**

Buyukutku A.

JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA, vol.65, no.2, pp.231-238, 2005 (SCI-Expanded)

XI. **The reservoir potential of Miocene carbonate rock in the Askale and Hınıs-Mus-Van sub-basins, East Anatolia, Turkey**

Buyukutku A.

JOURNAL OF PETROLEUM GEOLOGY, vol.26, no.2, pp.175-188, 2003 (SCI-Expanded)

Articles Published in Other Journals

I. **Determining of Dolomitization Age and Depth of Mardin Group Based on Clumped Isotopes and 1D Basin Model in SE Anatolia (SE Turkey) Güneydoğu Anadolu Bölgesi Mardin Grubu Dolomitlerinin Dolomitleşme Yaşlarının ve Derinliklerinin Kümelenmiş İzotoplar ve 1B Basen Modeli Kullanılarak Belirlenmesi**

Atasoy D., Büyücutku A., GEÇER A., Aktosun A.

Yerbilimleri/ Earth Sciences, vol.43, no.3, pp.212-238, 2022 (Scopus)

II. **Güneydoğu Anadolu Bölgesi'nde Rezervuar Kayacı Olan Dolomitlerin Kümelenmiş İzotop Sinyalleri**

ATASOY D., GEÇER A., AKTOSUN A., GEÇER BÜYÜKUTKU A.

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.22, no.4, pp.925-943, 2022 (Peer-Reviewed Journal)

III. **Güneydoğu Anadolu Bölgesi Mardin Grubu Dolomitlerinin Dolomitleşme Yaşlarının ve Derinliklerinin Kümelenmiş İzotoplar ve 1B Basen Modeli Kullanılarak Belirlenmesi**

ATASOY D., GEÇER BÜYÜKUTKU A., GEÇER A., AKTOSUN A.

YERBİLİMLERİ = EARTH SCIENCES, vol.43, no.3, pp.1-27, 2022 (Scopus)

IV. **The reservoir potential of miocene carbonates rocks in the Adana Basin Southern Turkey**

BÜYÜKUTKU A.

69th European Association of Geoscientists and Engineers Conference and Exhibition, 2006 (Peer-Reviewed Journal)

V. **Provenance areas of Eocene sandstones at northwest of Thrace basin**

BÜYÜKUTKU A.

12.th International Petroleum Congress and Exhibition of Turkey, Proceedings, pp.153-165, 1998 (Peer-Reviewed Journal)

VI. **Development of the structural traps at northwest of Thrace basin**

BÜYÜKUTKU A.

12.th International Petroleum Congress and Exhibition of Turkey Proceedings,, pp.167-177, 1998 (Peer-Reviewed Journal)

VII. **Lithostratigraphic correlation of the nortwest of Thrace basin Turkey by using well logs**

BÜYÜKUTKU A.

Integration of information between oil drilling and hydrogeology of deep aquifers, Regional seminar, Proceedings, pp.405-419, 1996 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Mühendislik Etiği**

GEÇER A., BÜYÜKUTKU A.

Gazi Kitabevi, Ankara, 2018

II. Kırıntılı (Silisiklastik) Kayaçların Diyajenezi ve Hidrokarbon Aramaları ile İlişkisi

BÜYÜKUTKU A., GEÇER A.

Gazi Kitabevi, Ankara, 2017

Metrics

Publication: 20

Citation (WoS): 34

Citation (Scopus): 41

H-Index (WoS): 4

H-Index (Scopus): 4