

Prof. TOLGA OYMAN

Personal Information

Email: tolga.oyman@deu.edu.tr

Web: <https://avesis.deu.edu.tr/tolga.oyman>

International Researcher IDs

ORCID: 0000-0003-2132-2511

Publons / Web Of Science ResearcherID: JCD-9140-2023

ScopusID: 6507644640

Yoksis Researcher ID: 143305

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Ekonomik Jeoloji (Dr), Turkey 1996 - 2000

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Ekonomik Jeoloji (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1986 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Kalsik bor-silikatların duraylılık alanlarının deneysel incelenmesi: Ege bölgesi (Türkiye) hidrotermal mineralizasyon sistemlerine uygulanması, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Ekonomik Jeoloji (Dr), 2000

Postgraduate, K-feldspar bearing pegmatites of Çine (Aydın) area, Menderes massif, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Ekonomik Jeoloji (YI) (Tezli), 1996

Research Areas

Agricultural Sciences, Environmental Engineering, Geophysical Engineering, Chemistry, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2012 - 2016

Academic and Administrative Experience

Dokuz Eylul University, 2011 - 2013

Courses

EPİTERMAL MADEN YATAKLARI, Postgraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012
Maden Jeolojisi ve arama Yöntemleri, Undergraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012
BİTİRME PROJESİ, Undergraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008
JEOKİMYA, Undergraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012
Maden Aramalarında Jeokimya, Postgraduate, 2015 - 2016, 2013 - 2014
CEVHER PETROGRAFİSİ, Postgraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012
Maden Yatakları, Undergraduate, 2014 - 2015, 2013 - 2014, 2011 - 2012

Advising Theses

OYMAN T., Mineral zonation and distribution of mineralization around granitoid intrusions in Yenice area (Çanakkale), Doctorate, M.ÇİÇEK(Student), 2021
OYMAN T., Genesis and source of ore-forming hydrothermal fluids in Efemçukuru (Menderes-İzmir) epithermal gold deposit, Postgraduate, Ö.İLGİN(Student), 2020
OYMAN T., The mineralogical characteristics and the physicochemical properties of the epithermal solutions in association with structural control in efemçukuru gold deposit, Postgraduate, B.KARADAĞ(Student), 2020
OYMAN T., Genesis and physicochemical properties of ore forming hydrothermal solutions in Çoraklıktepe gold deposition, Postgraduate, T.KARAKOYUN(Student), 2018
OYMAN T., Geology of Pb-Zn-(Ag) ore deposits related to Eğrigöz and Koyunoba plutons, Postgraduate, E.GÜRCAN(Student), 2018
OYMAN T., Geological and geochemical investigation of Katrandağ (Emet-Kütahya) Pb-Zn-Ag mineralization, Postgraduate, C.ÇAKAN(Student), 2015
OYMAN T., Petrography, paragenesis and zonation of ore minerals in Katrandağ (Emet-Kütahya) Pb-Zn-Ag mineralization, Postgraduate, H.BURAK(Student), 2015
OYMAN T., Comparative investigation between skarn mineralization of Namazgah, Hamdibey (Yenice-Çanakkale) and Eybek (Edremit-Balıkesir) plutons, Postgraduate, S.TÜRKYILMAZ(Student), 2014
OYMAN T., Origin and Evolution of Hydrothermal Fluids in Koru and Tesbihdere (Lapseki-Çanakkale) Epithermal Pb-Zn-Cu±Au±Ag Deposits, Postgraduate, M.ÇİÇEK(Student), 2013
OYMAN T., Mineralogical, petrographical and geochemical investigation of kalkan and Karaağil (Simav-Kütahya) skarn type iron deposits, Postgraduate, O.GÖKÇEN(Student), 2012
OYMAN T., Koru köyü (Lapseki-Çanakkale) Pb-Zn-Ag yatağının jeolojik, mineralojik ve jeokimyasal incelemesi, Postgraduate, N.KADRIYE(Student), 2010
OYMAN T., Geology mineralogy and geochemistry of Küçükdere (Havran-Balıkesir) gold mine, Postgraduate, G.ÇİÇEK(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Editorial: Orogenic gold deposits**
Oyman T., Zaw K., Ghaderi M., Lai C.
FRONTIERS IN EARTH SCIENCE, vol.11, pp.1-3, 2024 (SCI-Expanded)
- II. **Mineralogy, fluid inclusion and stable isotope characteristics of the Inlice (Konya, Turkey) high sulfidation epithermal gold deposit: Implications for hydrothermal evolution and ore genesis**
Terzi M. H., Yilmazer E., Kuşcu İ., OYMAN T., Bozan S.
Geochemistry, 2023 (SCI-Expanded)
- III. **Metal source and the origin of the Darıderesi Pb-Zn (Ag) veins in the Balya Mining District, NW Türkiye: constraints from ore mineral chemistry, fluid inclusions and S-Pb isotopic signatures**
Oyman T., Bozan S., Çiçek M., Chiaradia M., Kuşcu İ.

All Earth, vol.35, no.1, pp.210-241, 2023 (SCI-Expanded)

- IV. **Variation of Cu, Fe, S and Pb isotopes in sulfides from hydrothermal mineralization from the Yenice region in canakkale, Biga Peninsula, NW Turkey**
ÇİÇEK M., OYMAN T., Palmer M. R.
ORE GEOLOGY REVIEWS, vol.136, 2021 (SCI-Expanded)
- V. **Documenting Exhumation in the Central and Northern Menderes Massif (Western Turkey): New Insights from Garnet-Based P-T Estimates and K-Feldspar Ar-40/Ar-39 Geochronology**
Ettel T. M., Catlos E. J., Cemen I., Ozerdem C., OYMAN T., Miggins D.
LITHOSPHERE, vol.2020, no.1, 2020 (SCI-Expanded)
- VI. **Mineralogy and genesis of the Ni-Co lateritic regolith deposit of the Caldag area (Manisa, western Anatolia), Turkey**
Helvacı C., OYMAN T., Gundogan I., SÖZBİLİR H., PARLAK O., KADİR S., Guven N.
CANADIAN JOURNAL OF EARTH SCIENCES, vol.55, no.3, pp.252-271, 2018 (SCI-Expanded)
- VII. **Reply to the comment on "Origin and evolution of hydrothermal fluids in epithermal Pb-Zn-Cu +/- Au +/- Ag deposits at Koru and Tesbihdere mining districts, Canakkale, Biga Peninsula, NW Turkey" by Cicek, M. and Oyman, T.**
ÇİÇEK M., OYMAN T.
ORE GEOLOGY REVIEWS, vol.86, pp.977-979, 2017 (SCI-Expanded)
- VIII. **Iron mineralization and associated skarn development around southern contact of the Egrigoz pluton (northern Menderes Massif-Turkey)**
UĞURCAN O. G., OYMAN T.
JOURNAL OF AFRICAN EARTH SCIENCES, vol.123, pp.309-337, 2016 (SCI-Expanded)
- IX. **Origin and evolution of hydrothermal fluids in epithermal Pb-Zn-Cu +/- Au +/- Ag deposits at Koru and Tesbihdere mining districts, Canakkale, Biga Peninsula, NW Turkey**
ÇİÇEK M., OYMAN T.
ORE GEOLOGY REVIEWS, vol.78, pp.176-195, 2016 (SCI-Expanded)
- X. **Petrography, mineral chemistry, fluid inclusion microthermometry and Re-Os geochronology of the Kure volcanogenic massive sulfide deposit (Central Pontides, Northern Turkey)**
Akbulut M., Oyman T., Çiçek M., Selby D., Ozgenc I., Tokcaer M.
ORE GEOLOGY REVIEWS, vol.76, pp.1-18, 2016 (SCI-Expanded)
- XI. **Timing Aegean extension: Evidence from in situ U-Pb geochronology and cathodoluminescence imaging of granitoids from NW Turkey**
Black K. N., Catlos E. J., OYMAN T., DEMİRBİLEK M.
LITHOS, vol.180, pp.92-108, 2013 (SCI-Expanded)
- XII. **Petrology, geochemistry, and evolution of the iron skarns along the northern contact of the Egrigoz Plutonic Complex, Western Anatolia, Turkey**
Oyman T., Ozgenc I., Tokcaer M., Akbulut M.
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.1, pp.61-97, 2013 (SCI-Expanded)
- XIII. **LONG-TERM EXHUMATION OF AN AEGEAN METAMORPHIC CORE COMPLEX GRANITOIDS IN THE NORTHERN MENDERES MASSIF, WESTERN TURKEY**
Catlos E., Jacob L., OYMAN T., Sorensen S.
AMERICAN JOURNAL OF SCIENCE, vol.312, no.5, pp.534-571, 2012 (SCI-Expanded)
- XIV. **Intermediate sulfidation epithermal gold-base metal deposits in Tertiary subaerial volcanic rocks, Sahinli/Tespil Dere (Lapseki/Western Turkey)**
Yilmaz H., OYMAN T., SÖNMEZ F. N., Arehart G. B., Billor Z.
ORE GEOLOGY REVIEWS, vol.37, pp.236-258, 2010 (SCI-Expanded)
- XV. **Geochemistry, mineralogy and genesis of the Ayazmant Fe-Cu skarn deposit in Ayvalik, (Balıkesir), Turkey**
Oyman T.
ORE GEOLOGY REVIEWS, vol.37, no.3-4, pp.175-201, 2010 (SCI-Expanded)
- XVI. **Study on Efem Cukuru Gold Ore Deposit and Recovery of Gold by Flotation**

- ŞEN S., TANRIVERDİ M., Cicek T., Oyman T., Cilingir Y.
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.5, pp.3745-3754, 2010 (SCI-Expanded)
- XVII. **FORMATION OF PODIFORM DUNITES IN THE LYCIAN PERIDOTITE NAPPES (AGLA - KOYCEGİZ, SW TURKEY)**
Akbulut M., Çolak M., Oyman T., Gnos E., Piskin O.
OFIOLITI, vol.34, no.1, pp.1-15, 2009 (SCI-Expanded)
- XVIII. **Chemical substitutions in oxidized tourmaline in granite-related mineralized hydrothermal systems, Western Turkey**
OYMAN T., Dyar M. D.
CANADIAN MINERALOGIST, vol.45, pp.1397-1413, 2007 (SCI-Expanded)
- XIX. **Low-sulfidation type Au-Ag mineralization at Bergama, Izmir, Turkey**
Yilmaz H., Oyman T., Arehart G. B., Colakoglu A. R., Billor Z.
ORE GEOLOGY REVIEWS, vol.32, pp.81-124, 2007 (SCI-Expanded)
- XX. **Refractory olivine bricks application from the Agla-Koycegiz (Turkey) dunite**
Colak M., Oyman T., Altun I., Piskin O.
EURO CERAMICS VIII, PTS 1-3, pp.1799-1802, 2004 (SCI-Expanded)
- XXI. **The influence of the abandoned Kalecik Hg mine on water and stream sediments (Karaburun, Izmir, Turkey)**
GEMİCİ Ü., Oyman T.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.312, no.1-3, pp.155-166, 2003 (SCI-Expanded)
- XXII. **Efencukuru B-rich epithermal gold deposit (Izmir, Turkey)**
OYMAN T., Minareci F., Piskin O.
ORE GEOLOGY REVIEWS, vol.23, pp.35-53, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Çaldağ Turgutlu Manisa Lateritik Ni Co Yatağının Jeolojisi Mineralojisi ve Jeokimyasal Özellikleri**
HELVACI C., GÜNDOĞAN İ., OYMAN T., SÖZBİLİR H., PARLAK O.
YERBİLİMLERİ BULLETIN FOR EARTH SCIENCES, 2013 (Peer-Reviewed Journal)
- II. **Flowsheet Assesment To Recover More Gold**
TUFAN M. B., KAYA E., OYMAN T., SAYIN Z. E., BATAR T.
TheJournal of Ore Dressing, vol.13, no.26, pp.5-14, 2011 (Peer-Reviewed Journal)

Supported Projects

OYMAN T., Project Supported by Higher Education Institutions, Küre Volkanojenik Masif Sülfür Yatağının (Kastamonu, Kuzey Türkiye) Jenezi, 2012 - 2015

OYMAN T., Project Supported by Higher Education Institutions, Küçükdere (Havran) altın yatağının mineralojisi, jeokimyası ve kökeni, 2008 - 2010

Non Academic Experience

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Jeoloji Mühendisliği Bölümü
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Jeoloji Mühendisliği Bölümü
Dokuz Eylül Üniversitesi Fen Bilimleri Enstitüsü