

Assoc. Prof. Gürsel Sunal

Personal Information

Email: gsunal@itu.edu.tr

Education Information

Doctorate, Universitat Tübingen, Geochemistry-Geodynamics, Germany 2001 - 2008

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği, Turkey 1994 - 1997

Under Graduate, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1989 - 1994

Foreign Languages

English

Dissertations

Doctorate, Geological evolution of the Strandja Massif (Thrace, Turkey), Eberhard Kals Universitaet Tübingen, Jeokimya-Jeodinamik, Jeokimya, 2008

Post Graduate, Cide-Kurucaşile Civarının Jeolojisi, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Müh. / Genel Jeoloji A.B.D., 1998

Research Areas

Technical Sciences, Geological Engineering, General Geology, Areal Geology (general, maps and charts), Tectonics (Paleotectonics, Neotectonics, Seismotectonics), Structural Geology, Mineralogy-petrography, Geochronology

Academic Titles / Tasks

Associate Professor, İstanbul Teknik Üniversitesi, Maden, Jeoloji Mühendisliği, 2015 - Continues

Assistant Professor, Istanbul Technical University, Maden, Jeoloji Mühendisliği, 2010 - Continues

Research Assistant, Istanbul Technical University, Maden, Jeoloji Mühendisliği, 1997 - 2010

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

- I. **Reconstructing orogens without biostratigraphy: The Saharides and continental growth during the final assembly of Gondwana-Land**
Şengör A. M. C. , Lom N., Zabcı C., Sunal G., Oner T.
Proceedings of the National Academy of Sciences of the United States of America, vol.117, no.51, pp.32278-32284, 2020 (Journal Indexed in SCI Expanded)
- II. **Evaluation of the Plio-Quaternary tectonic stress regime from fault kinematic analysis in the lake Van Basin (Eastern Anatolia)**
Selcuk A. S. , ERTURAÇ M. K. , Sunal G., Çakır Z.

JOURNAL OF STRUCTURAL GEOLOGY, vol.140, 2020 (Journal Indexed in SCI)

- III. **Izmir-Ankara Suture as a Triassic to Cretaceous Plate Boundary-Data From Central Anatolia**
Okay A., Sunal G., Sherlock S., Kylander-Clark A. R. C. , Özcan E.
TECTONICS, vol.39, no.5, 2020 (Journal Indexed in SCI)
- IV. **Uplift of Anatolia**
Okay A., Zattin M., Özcan E., Sunal G.
TURKISH JOURNAL OF EARTH SCIENCES, vol.29, no.5, pp.696-713, 2020 (Journal Indexed in SCI)
- V. **Reconstructing the deformation of the North Anatolian Fault Zone through restoring the Oligo-Miocene exhumation pattern of the Almacik Block (northwestern Turkey) based on the apatite (U-Th)/He ages**
Sunal G., Erturac M. K. , Gutsuz P., Dunkl I., Çakır Z.
CANADIAN JOURNAL OF EARTH SCIENCES, vol.56, no.11, pp.1202-1217, 2019 (Journal Indexed in SCI)
- VI. **Quaternary evolution of the Suluova Basin: implications on tectonics and palaeoenvironments of the Central North Anatolian Shear Zone**
ERTURAÇ M. K. , Erdal O., Sunal G., Tuysuz O., Sen S.
CANADIAN JOURNAL OF EARTH SCIENCES, vol.56, no.11, pp.1239-1261, 2019 (Journal Indexed in SCI)
- VII. **The Early Eocene Ekmekci granodiorite porphyry in the Karacabey region (Sakarya Zone, NW Turkey)**
Sunal G., ERTURAÇ M. K. , Topuz G., Okay A., Zack T.
TURKISH JOURNAL OF EARTH SCIENCES, vol.28, no.4, pp.589-602, 2019 (Journal Indexed in SCI)
- VIII. **The Thrace Basin and the Black Sea: the Eocene-Oligocene marine connection**
Okay A., Ozcanf E., Hakyemez A., Siyako M., Sunal G., Kylander-Clark A. R. C.
GEOLOGICAL MAGAZINE, vol.156, no.1, pp.39-61, 2019 (Journal Indexed in SCI)
- IX. **Geochemical and Petrographic Analysis of Late Bronze Age Cypriot Ceramics (White Slip I and II and Monochrome) from Tell Atchana/Alalakh (Hatay) in the Amuq Valley**
HACIOSMANOGLU S., KIBAROGLU M., Sunal G., KOZAL E., GUTSUZ P.
ARCHAEOLOGY, vol.60, no.3, pp.471-488, 2018 (Journal Indexed in SCI)
- X. **The Strandja Massif and the Istanbul Zone were once parts of the same palaeotectonic unit: new data from Triassic detrital zircons**
Ülgen S. C. , Lom N., Sunal G., Gerdes A., Şengör A. M. C.
GEODINAMICA ACTA, vol.30, no.1, pp.212-224, 2018 (Journal Indexed in SCI)
- XI. **Metamorphism, magmatism, and exhumation history of the Tavsanli Zone, NW Turkey: new petrological constraints**
Özdamar Ş., Sunal G., demiroğlu M., Yaltrak C., BİLLOR M. Z. , GEORGİEV S., HAMES W., DUNKL I., AYDIN H. C.
TURKISH JOURNAL OF EARTH SCIENCES, vol.27, no.4, pp.269-293, 2018 (Journal Indexed in SCI)
- XII. **A new chronostratigraphy (Ar-40-Ar-39 and U-Pb dating) for the middle section of the Burdur-Fethiye Shear Zone, SW Turkey (eastern Mediterranean)**
Elitez İ., Yaltrak C., Sunal G.
TURKISH JOURNAL OF EARTH SCIENCES, vol.27, no.5, pp.405-427, 2018 (Journal Indexed in SCI)
- XIII. **The Tectonics of the Altai: Crustal Growth During the Construction of the Continental Lithosphere of Central Asia Between similar to 750 and similar to 130 Ma Ago**
Şengör A. M. C. , Natalin B., Sunal G., van der Voo R.
ANNUAL REVIEW OF EARTH AND PLANETARY SCIENCES, VOL 46, vol.46, pp.439-494, 2018 (Journal Indexed in SCI)
- XIV. **Geochemical characterization of clay deposits in the Amuq Valley (Southern Turkey) and the implications for archaeometric study of ancient ceramics**
GUTSUZ P., KIBAROGLU M., Sunal G., HACIOSMANOGLU S.
APPLIED CLAY SCIENCE, vol.141, pp.316-333, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

I. The phanerozoic palaeotectonics of Turkey. Part I: an inventory

ŞENGÖR A. M. C. , LOM N., SUNAL G., ZABCI C., SANÇAR T.

Mediterranean Geoscience Reviews, vol.1, no.1, pp.91-161, 2019 (Refereed Journals of Other Institutions)

Supported Projects

Sunal G., ERTURAÇ K., Project Supported by Higher Education Institutions, Almacık Bloğu ve güneyinde yer alan farklı zonlara ait magmatik kayaların yaşlandırılmaları ve zonlar içerisindeki jeolojik önemleri, 2018 - 2019

Sunal G., Project Supported by Higher Education Institutions, Amik Ovasında Yer Alan Mukiş Krallığının Başkenti Alalakh'dan Elde Edilen Geç Bronz Çağı Kıbrıs Seramiklerinin Kökenlerinin Arkeometrik Yöntemlerle Araştırılması II, 2013 - 2018

Sunal G., Project Supported by Higher Education Institutions, Amik Ovasında Yer Alan Mukiş Krallığı'nın Başkenti Alalakh'dan Elde Edilen Geç Bronz Çağı Kıbrıs Seramiklerinin Kökenlerinin Arkeometrik Yöntemlerle Araştırılması, 2012 - 2014

Sunal G., Project Supported by Higher Education Institutions, ORTA PONTİDLERİN KUZEYİNDE YER ALAN TEMEL METAMORFİKLERİN OLUŞUM EVRİMLERİ, 2009 - 2014

Citations

Total Citations (WOS):1150

h-index (WOS):19