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Publons / Web Of Science ResearcherID: HIK-1206-2022

ScopusID: 55598102200

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Education Information

Doctorate, The University of Queensland, Faculty of Science, The School of Earth and Environmental Sciences , Australia
2011 - 2015

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Geological Engineering, Turkey
2007 - 2010

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey
2002 - 2007

Dissertations

Doctorate, U-series geochronology and geochemistry of vein and cave carbonate deposits in Turkey: the relationship between late Quaternary tectonic and climatic events, Middle East Technical University, 2015

Postgraduate, Genetic Investigation and Comparison of Kartaldağ and Madendağ Epithermal Gold Mineralization in Çanakkale Region, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2010

Research Areas

Natural Sciences

Academic Titles / Tasks

Researcher, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2018 -
Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Abrupt climate change at the MIS 5/4 transition recorded in a speleothem from the Eastern

Mediterranean

Paine A. R., Baldini J. U. L., Unal-Imer E., Wadsworth F. B., Iveson A. A., Humphreys M. C. S., Brown R. J., Mueller W., Ottley C. J.

QUATERNARY SCIENCE REVIEWS, vol.339, 2024 (SCI-Expanded)

- II. **New paleohydroclimate record of the MIS 5e/5d transition from Yelini Cave, central Anatolian region of Türkiye**
Gürbüz K., Mutlu H., Ünal Imer E., Uysal I. T., Zhao J.
QUATERNARY RESEARCH (SELECTIVELY), vol.118, no.1, pp.162-179, 2024 (SCI-Expanded)
- III. **Geochemical and petrographic approach for the origin of the limestone blocks of the walls of the Great Temple of Hattusha, Corum (N-Turkey)**
YILMAZ İ. Ö., Schachner A., Uysal I. T., Unal-Imer E.
TURKISH JOURNAL OF EARTH SCIENCES, vol.31, no.3, pp.294-304, 2022 (SCI-Expanded)
- IV. **Last glacial climate oscillations and sudden environmental changes investigated in stalagmites from southwest Sulawesi, western Pacific**
Unal Imer E., Uysal I. T., St Pierre E., Zhao J., Shulmeister J.
TURKISH JOURNAL OF EARTH SCIENCES, vol.29, no.2, pp.221-241, 2020 (SCI-Expanded)
- V. **Comment on "Uranium series dating of Great Artesian Basin travertine deposits: Implications for palaeohydrogeology and palaeoclimate" by Priestley et al. (2018)**
Uysal I. T., Ring U., Unal-Imer E., YÜCE G., Shulmeister J., İMER A., Italiano F., Zhao J.
PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY, vol.537, 2020 (SCI-Expanded)
- VI. **Geochemistry of Fluid Inclusions in Travertines From Western and Northern Turkey: Inferences on the Role of Active Faults in Fluids Circulation**
Rizzo A. L., Uysal I. T., MUTLU H., Unal-Imer E., Dirik K., YÜCE G., Caracausi A., Italiano F., Misseri M., TEMEL A., et al.
GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS, vol.20, no.11, pp.5473-5498, 2019 (SCI-Expanded)
- VII. **Evaluating model outputs using integrated global speleothem records of climate change since the last glacial**
Comas-Bru L., Harrison S. P., Werner M., Rehfeld K., Scroxton N., Veiga-Pires C., Ahmad S. M., Brahim Y. A., Mozhdghi S. A., Arienzo M., et al.
CLIMATE OF THE PAST, vol.15, no.4, pp.1557-1579, 2019 (SCI-Expanded)
- VIII. **Are U-Th Dates Correlated With Historical Records of Earthquakes? Constraints From Coseismic Carbonate Veins Within the North Anatolian Fault Zone**
KARABACAK V., Uysal I. T., MUTLU H., Unal-Imer E., Dirik R. K., Feng Y., AKISKA S., Aydogdu I., Zhao J.
TECTONICS, vol.38, no.7, pp.2431-2448, 2019 (SCI-Expanded)
- IX. **Linking CO₂ degassing in active fault zones to long-term changes in water balance and surface water circulation, an example from SW Turkey**
Uysal I. T., Unal-Imer E., Shulmeister J., Zhao J., KARABACAK V., Feng Y., Bolhar R.
QUATERNARY SCIENCE REVIEWS, vol.214, pp.164-177, 2019 (SCI-Expanded)
- X. **20,000 years of societal vulnerability and adaptation to climate change in southwest Asia**
Jones M. D., Abu-Jaber N., Alshdaifat A., Baird D., Cook B. I., Cuthbert M. O., Dean J. R., Djamali M., Eastwood W., Fleitmann D., et al.
Wiley Interdisciplinary Reviews: Water, vol.6, no.2, 2019 (SCI-Expanded)
- XI. **U-Th age evidence from carbonate veins for episodic crustal deformation of Central Anatolian Volcanic Province**
KARABACAK V., Uysal I. T., Ünal-Imer E., MUTLU H., Zhao J.
Quaternary Science Reviews, vol.177, pp.158-172, 2017 (SCI-Expanded)
- XII. **Recent mantle degassing recorded by carbonic spring deposits along sinistral strike-slip faults, south-central Australia**
Ring U., UYSAL I. T., YUCE G., UNAL-IMER E., ITALIANO F., Imer A., ZHAO J.
EARTH AND PLANETARY SCIENCE LETTERS, vol.454, pp.304-318, 2016 (SCI-Expanded)
- XIII. **CO₂ outburst events in relation to seismicity: Constraints from microscale geochronology, geochemistry of late Quaternary vein carbonates, SW Turkey**

UENAL-İMER E., UYSAL İ. T., ZHAO J., İSİK V., SHULMEISTER J., İMER A., FENG Y.

GEOCHIMICA ET COSMOCHIMICA ACTA, vol.187, pp.21-40, 2016 (SCI-Expanded)

- XIV. **High-resolution trace element and stable/radiogenic isotope profiles of late Pleistocene to Holocene speleothems from Dim Cave, SW Turkey**

Ünal-İmer E., Shulmeister J., Zhao J., Uysal İ. T., Feng Y.

Palaeogeography, Palaeoclimatology, Palaeoecology, vol.452, pp.68-79, 2016 (SCI-Expanded)

- XV. **An 80 kyr-long continuous speleothem record from Dim Cave, SW Turkey with paleoclimatic implications for the Eastern Mediterranean**

Ünal-İmer E., Shulmeister J., Zhao J., Tonguç Uysal İ., Feng Y., Duc Nguyen A., YÜCE G.

Scientific Reports, vol.5, 2015 (SCI-Expanded)

- XVI. **Genetic investigation and comparison of Kartaldag and Madendag epithermal gold deposits in Canakkale, NW Turkey**

Unal-İmer E., Güleç N. T., Kuşcu İ., Fallick A. E.

ORE GEOLOGY REVIEWS, vol.53, pp.204-222, 2013 (SCI-Expanded)

- XVII. **U – Goldschmidt Abstracts 2013**

Ünal İmer E.

MINERALOGICAL MAGAZINE, vol.77, no.5, pp.1-2, 2013 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Age and Geochemical Constraints on Formation of Fault-related Late Quaternary Carbonate Veins from Southern Turkey**

Ünal İmer E., Uysal T., DİRİK R. K., İMER A., Ring U.

Goldschmidt 2018 Conference, Boston, United States Of America, 12 - 17 August 2018

- II. **Mineralogic and Geochemical Characteristics of Late Quaternary Veins from Anamur-Gazipaşa Fault Zones (S Turkey)**

Ünal İmer E., Uysal T., DİRİK R. K., Ring U., İMER A., MUTLU H., TEMEL A.

71. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 23 - 27 April 2018, pp.435-436

Metrics

Publication: 19

Citation (WoS): 157

Citation (Scopus): 326

H-Index (WoS): 7

H-Index (Scopus): 11