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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey 2014
- Continues

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey
2011 - 2014

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey
2006 - 2011

Research Areas

Geological Engineering, Ore Deposits-Geochemistry, Energy Resources, Geothermal Systems, Geochemistry (Organic and Inorganic, Mineralogy-petrography)

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering,
2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reservoir rock characterization in Edremit geothermal field: Geochemical implications for possible fault zones**
ELİDEMİR S., GÜLEÇ N. T., DENİZ K., KADIOĞLU Y. K.
Applied Geochemistry, vol.143, 2022 (SCI-Expanded)
- II. **Geochemical characterization of geothermal systems in western Anatolia (Turkey): implications for CO2 trapping mechanisms in prospective CO2-EGS sites**
Elidemir S., Gulec N. T.
GREENHOUSE GASES-SCIENCE AND TECHNOLOGY, vol.8, pp.63-76, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Geochemical Modelling of Fluid-Rock Interactions in Akköy and Edremit Geothermal Fields as Prospective CO₂ Storage Sites: Results of a Preliminary Study**
Elidemir S., Güleç N. T.
73. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 24 - 28 May 2021, pp.328-329
- II. **Lithogeochemical Characterization of Akkoy and Edremit Geothermal Fields as Prospective CO₂ Storage Sites: A Preliminary Study**
ELİDEMİR S., GÜLEÇ N. T.
EGU General Assembly 2020, Viyana, Austria, 04 May 2020
- III. **Water-Rock Interactions in Geothermal Systems in the Framework of CO₂ Storage**
Elidemir S., Güleç N. T.
European Geothermal PhD Days-2020, Denizli, Turkey, 24 - 26 February 2020
- IV. **Geochemical Modelling of Fluid-Rock Interactions in Adaköy and Edremit Geothermal Fields as Prospective CO₂ Storage Sites: A Preliminary Study**
Elidemir S., Güleç N. T.
14th CO₂ GeoNet Open Forum, Venice, Italy, 6 - 09 May 2019
- V. **Geothermal systems as natural analogues for geological storage of CO₂: implications for trapping mechanisms from hydrogeochemistry of western Anatolian fluids (Turkey).**
ELİDEMİR S., GÜLEÇ N. T.
Goldschmidt 2017 Conference, 13 - 18 August 2017
- VI. **GEOCHEMICAL CHARACTERIZATION OF GEOTHERMAL SYSTEMS IN TURKEY AS NATURAL ANALOGUES FOR GEOLOGICAL STORAGE OF CO₂**
ELİDEMİR S., GÜLEÇ N. T.
VII th Geochemistry Symposium, 16 - 18 May 2016

Supported Projects

GÜLEÇ N. T., ELİDEMİR S., Project Supported by Higher Education Institutions, Kızıldere jeotermal sahasında CO₂ enjeksiyonu öncesi jeokimyasal izleme ve veritabanı oluşturma çalışması, 2017 - 2017

Metrics

Publication: 8

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