

Asst. Prof. İhsan Burak Kulga

Personal Information

Web: <https://avesis.itu.edu.tr/kulga>

Address: İTÜ Maden Fak.

International Researcher IDs

ORCID: 0000-0001-9042-1383

Publons / Web Of Science ResearcherID: J-2762-2017

ScopusID: 57193624388

Yoksis Researcher ID: 292232

Research Areas

Petroleum And Natural Gas Engineering, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Istanbul Technical University, Maden, Petrol Ve Doğalgaz Mühendisliği, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Selection of candidate wells for re-fracturing in tight gas sand reservoirs using fuzzy inference**
Artun E., Kulga B.
PETROLEUM EXPLORATION AND DEVELOPMENT, vol.47, no.2, pp.413-420, 2020 (SCI-Expanded)
- II. **Characterization of tight-gas sand reservoirs from horizontal-well performance data using an inverse neural network**
Kulga B., Artun F. E., Ertekin T.
JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING, vol.59, pp.35-46, 2018 (SCI-Expanded)
- III. **Numerical representation of multi-component gas flow in stimulated shale reservoirs**
Kulga B., Ertekin T.
JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING, vol.56, pp.579-592, 2018 (SCI-Expanded)
- IV. **Development of a data-driven forecasting tool for hydraulically fractured, horizontal wells in tight-gas sands**
Kulga B., Artun F. E., Ertekin T.
COMPUTERS & GEOSCIENCES, vol.103, pp.99-110, 2017 (SCI-Expanded)

Metrics

Publication: 11

Citation (WoS): 42

Citation (Scopus): 85

H-Index (WoS): 3

H-Index (Scopus): 4

Non Academic Experience

Yakın Doğu Üniversitesi

Pusula

Schlumberger

Pennsylvania State University

PEMI (now TransAtlantic Petroleum)