

## Dr. İhsan Burak Kulga

### Personal Information

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### 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

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

- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)

### Citations

Total Citations (WOS):32

h-index (WOS):3