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Personal Information

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Education Information

Doctorate, Stanford University, School Of Earth Sciences, Energy Resources Engineering, United States Of America
2007 - 2011

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Petrol Ve Doğalgaz Mühendisliği Anabilim Dalı,
Turkey 2003 - 2005

Under Graduate, İstanbul Teknik Üniversitesi, Maden Fakültesi, Petrol Ve Doğalgaz Mühendisliği Bölümü, Turkey 1999 -
2003

Foreign Languages

English

Dissertations

Doctorate, KINETICS OF CRUDE OIL COMBUSTION IN POROUS MEDIA INTERPRETED USING
ISOCONVERSIONAL METHODS, Stanford University, Energy Resources Engineering, 2011

Post Graduate, Jeotermal kuyular için çok girişli kuyu içi p-T akış modelinin geliştirilmesi, İstanbul Teknik Üniversitesi, Fen
Bilimleri Enstitüsü, Petrol Ve Doğalgaz Mühendisliği Anabilim Dalı, 2005

Research Areas

Petroleum And Natural Gas Engineering, Reservoir, Reservoir Engineering and Recovery Methods, Jeothermal Reservoir
Engineering, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, İstanbul Teknik Üniversitesi, Maden Fakültesi, Petrol Ve Doğalgaz Mühendisliği Bölümü, 2012 -
Continues

Research Assistant, İstanbul Teknik Üniversitesi, Maden Fakültesi, Petrol Ve Doğalgaz Mühendisliği Bölümü, 2004 -
2012

Courses

Rock Properties, Under Graduate, 2016 - 2017

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

- **Analysis of sandface-temperature-transient data for slightly compressible, single-phase reservoirs**
Onur M., Çınar M.

SPE Journal, vol.22, pp.1134-1155, 2017 (Journal Indexed in SCI)

- **Investigation of the combustion characteristics of Bati Raman oil with sand**
Deniz-Paker M., Çınar M.
Journal of Petroleum Science and Engineering, vol.157, pp.793-805, 2017 (Journal Indexed in SCI)
- **Transient temperature behavior and analysis of single-phase liquid-water geothermal reservoirs during drawdown and buildup tests: Part I. Theory, new analytical and approximate solutions**
Palabiyık Y., ONUR M., Türeyen Ö. İ. , Çınar M.
Journal of Petroleum Science and Engineering, vol.146, pp.637-656, 2016 (Journal Indexed in SCI)
- **Transient temperature behavior and analysis of single-phase liquid-water geothermal reservoirs during drawdown and buildup tests: Part II. Interpretation and analysis methodology with applications**
Onur M., Palabiyık Y., Türeyen Ö. İ. , Çınar M.
JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING, vol.146, pp.657-669, 2016 (Journal Indexed in SCI)
- **Effect of pressure on the isoconversional in situ combustion kinetic analysis of Bati Raman crude oil**
Anto-Darkwah E., Çınar M.
Journal of Petroleum Science and Engineering, vol.143, pp.44-53, 2016 (Journal Indexed in SCI)
- **Combustion kinetics of heavy oils in porous media**
Cinar M., Castanier L. M. , Kovscek A. R.
Energy and Fuels, vol.25, pp.4438-4451, 2011 (Journal Indexed in SCI)
- **Predictability of crude oil in-situ combustion by the isoconversional kinetic approach**
Cinar M., Haşçakir B., Castanier L. M. , Kovscek A. R.
SPE Journal, vol.16, pp.537-547, 2011 (Journal Indexed in SCI)
- **Isoconversional kinetic analysis of the combustion of heavy hydrocarbons**
Cinar M., Castanier L. M. , Kovscek A. R.
Energy and Fuels, vol.23, pp.4003-4015, 2009 (Journal Indexed in SCI)
- **An investigation of recent deconvolution methods for well-test data analysis**
Onur M., Çınar M., İlk D., Valkö P. P. , Blasingame T. A. , Hegeman P.
SPE Journal, vol.13, pp.226-247, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Reservoir characterization using dynamic capacitance–resistance model with application to shut-in and horizontal wells**
Salehian M., Çınar M.
Journal of Petroleum Exploration and Production Technology, vol.9, pp.2811-2830, 2019 (Journal Indexed in ESCI)
- **Karbondiyoksitin Jeotermal Üretim Performansı Üzerindeki Etkisi**
hoşgör F. B. , TÜREYEN Ö. İ. , SATMAN A., ÇINAR M.
Mühendis ve makina, vol.56, pp.54-64, 2015 (Other Refereed National Journals)
- **Modelling of compositional, heating value and wobble index changes in LPG use LPG (sivilaştırılmış Petrol Gazı) kullanımı sırasında oluşan bileşim, isil değer ve wobble indeksi değişiminin modellenmesi**
Çınar M., Solhan E., Yamanlar Ş.
Turkish Journal of Oil and Gas, vol.12, pp.20-28, 2006 (Refereed Journals of Other Institutions)
- **Modeling of the Variations in Composition, Thermal Value and Wobble Index During the Production of LPG**
Çınar M., Solhan E., Yamanlar Ş.
Turkish Journal of Oil and Gas, vol.12, pp.20-28, 2006 (Other Refereed National Journals)
- **Analysis of Well Test Pressure Data from Faulted Systems**
Onur M., Çınar M., Yüksel K.
Turkish Journal of Oil and Gas, vol.10, pp.31-40, 2004 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- **Reservoir management through characterization of smart fields using capacitance-resistance models**

Salehian M., Temizel C., Gok I. M. , Çınar M., Alklich M. Y.

Abu Dhabi International Petroleum Exhibition and Conference 2018, ADIPEC 2018, Abu Dhabi, United Arab Emirates, 12 - 15 November 2018

- **A theoretical and practical comparison of capacitance-resistance modeling with application to mature fields**
Temizel C., Salehian M., Çınar M., Gok I. M. , Alklich M. Y.
SPE Kingdom of Saudi Arabia Annual Technical Symposium and Exhibition 2018, SATS 2018, Dammam, Saudi Arabia, 23 - 26 April 2018
- **Experimental investigation of Steam-Alkali flooding with borax: A case study on bati raman oil field**
Noori W. H. , Çınar M., Salehian M., Alkouch A.
SPE International Heavy Oil Conference and Exhibition 2018, HOCE 2018, Kuwait City, Kuwait, 10 - 12 December 2018
- **Assessment of Sand-face Pressure and Temperature Behaviors of Single-Phase Liquid-Water Geothermal Reservoirs during Injection and Falloff Tests**
Palabiyik Y., Çınar M., Onur M.
42nd Workshop on Geothermal Reservoir Engineering, Stanford, United States Of America, 13 - 15 February 2017, pp.1-13
- **Correlations for Joule-Thomson Coefficients of Geothermal Waters Containing CO₂**
Çınar M., Palabiyik Y., Onur M.
42nd Workshop on Geothermal Reservoir Engineering, Stanford, United States Of America, 13 - 15 February 2017, pp.1-12
- **Modeling and analysis of temperature transient sandface and wellbore temperature data from variable rate well test data**
Onur M., Çınar M.
SPE Europec Featured at 79th EAGE Conference and Exhibition, Paris, France, 12 - 15 June 2017, pp.1261-1294
- **Temperature transient analysis of slightly compressible, single-phase reservoirs**
Onur M., Çınar M.
78th EAGE Conference and Exhibition 2016: Efficient Use of Technology - Unlocking Potential, Vienna, Austria, 30 May - 02 June 2016
- **Temperature Transient Analysis of Single-Phase Oil Reservoirs and Liquid-Water Geothermal Reservoirs**
Palabiyik Y., Çınar M., Onur M.
20 th International Petroleum and Natural Gas Congress and Exhibition of Turkey, Ankara, Turkey, 27 - 29 May 2015, pp.350-353
- **Effect of CO₂ on pressure and temperature profiles of geothermal wells**
Çınar M., ONUR M.
20 th International Petroleum and Natural Gas Congress and Exhibition of Turkey, Ankara, Turkey, 27 - 29 May 2015, pp.101-104
- **In Situ Combustion Kinetic Analysis of Bati Raman Crude with Isoconversional Method**
Deniz Paker M., Çınar M.
0 th International Petroleum and Natural Gas Congress and Exhibition of Turkey, Ankara, Turkey, 27 - 29 May 2015, pp.272-276
- **Bati Raman Petrolünün Yanmasının Eşdönüşüm Yöntemi İle Analizi**
DENİZ PAKER M., ÇINAR M.
International Petroleum and Natural Gas Congress and Exhibition of Turkey, Ankara, Turkey, 27 - 29 May 2015
- **Effects of Carbon Dioxide Dissolved in Geothermal Water on Reservoir Production Performance**
Hosgör F. B. , Türeyen Ö. İ. , Satman A., Çınar M.
World Geothermal Congress 2015, Melbourne, Australia, 19 - 25 April 2015, pp.1-10
- **A Wellbore Model for Geothermal Wells Containing Considerable Amount of CO₂**
Çınar M., Onur M.
World Geothermal Congress 2015, Melbourne, Australia, 19 - 25 April 2015, pp.1-10
- **Karbondiyoksitin Jeotermal Rezervuarın Üretim Performansı Üzerindeki Etkisi**
hoşgör F. B. , TÜREYEN Ö. İ. , SATMAN A., ÇINAR M.
12. Ulusal Tesisat Mühendisliği Kongresi, Turkey, 8 - 11 April 2015

- **Assessing the consistency of measurements and models for the kinetics of in situ combustion**
 Çınar M., Kovscek A. R.
 SPE Annual Technical Conference and Exhibition, ATCE 2015, Texas, United States Of America, 28 - 30 September 2015, pp.6194-6214
- **Creating Enhanced Geothermal Systems in Depleted Oil Reservoirs via In situ Combustion**
 Çınar M.
 STANFORD GEOTHERMAL WORKSHOP Thirty-Eight, California, United States Of America, 11 - 13 February 2013, pp.1-5
- **In situ Combustion Kinetics of Heavy Oils**
 Çınar M.
 ITU PNGE Seminar and Exhibition, İstanbul, Turkey, 21 - 22 June 2012, pp.139-156
- **In situ combustion of heavy oils**
 ÇINAR M.
 22. İTU Petrol ve Doğal Gaz Semineri ve Sergisi, İstanbul, Turkey, 21 - 22 June 2012
- **A combined experimental and simulation workflow to improve predictability of in situ combustion**
 Bazargan M., Chen B., Cinar M., Glatz G., Lapene A., Zhu Z., Castanier L., Gerritsen M., Kovsky A.
 Society of Petroleum Engineers Western North American Regional Meeting 2011, Anchorage, AK, United States Of America, 7 - 11 May 2011, pp.566-577
- **Isoconversional kinetic analysis of the combustion of heavy hydrocarbons**
 Cinar M., Castanier L., Kovsky A.
 SPE Western Regional Meeting 2009, San Jose, CA, United States Of America, 24 - 26 March 2009, pp.171-186
- **Improved analysis of the kinetics of crude-oil in-situ combustion**
 Cinar M., Castanier L., Kovsky A.
 SPE Western Regional and Pacific Section AAPG Joint Meeting 2008 - "Adding Reserves Through Collaboration, Innovation, and Technology Transfer", Bakersfield, CA, United States Of America, 31 March - 02 April 2008, pp.359-378
- **A New Non-Isothermal Lumped-Parameter Model For Low-Temperature Liquid Dominated Geothermal Reservoirs and Its Applications**
 Onur M., Sarak H., Türeyen Ö. İ. , Çınar M., Satman A.
 33rd, Stanford, United States Of America, 28 - 30 January 2008, pp.1-10
- **Analysis of Well Tests in Afyon Omer-Gecek Geothermal Field, Turkey**
 Onur M., Çınar M., Aksoy N., Serpen U., Satman A.
 32nd Workshop on Geothermal Reservoir Engineering, Stanford, United States Of America, 22 - 24 January 2007, pp.1-10
- **A comparative study of recent robust deconvolution algorithms for well-test and production-data analysis**
 Cinar M., İlk D., Onur M., Valko P., Blasingame T.
 SPE Annual Technical Conference and Exhibition, ATCE 2006: Focus on the Future, San Antonio, TX, United States Of America, 24 - 27 September 2006, vol.4, pp.2437-2455
- **Determining reservoir boundary and volume by using well test and deconvolution of production data**
 Çınar M.
 ITU PNGE Seminar and Exhibition, İstanbul, Turkey, 1 - 02 June 2006, pp.1-10
- **Well test analysis in geothermal reservoirs and field applications**
 Onur M., Türeyen Ö. İ. , Çınar M.
 UTES 2006, Isparta, Turkey, 25 - 27 May 2006, pp.1-10
- **Development of the Multi-feed p-T Wellbore Model for Geothermal Wells**
 Çınar M., Onur M., Satman A.
 31st Workshop on Geothermal Reservoir Engineering, Stanford, United States Of America, 30 January - 01 February 2006, pp.1-10
- **Analysis of Well Test Pressure Data from Faulted Systems", Proceedings**
 Onur M., Çınar M., Yüksel K.
 15th international Petroleum and Natural Gas congress and Exhibition of Turkey, Ankara, Turkey, 11 - 13 May 2005, pp.1-10

Supported Projects

Çınar M., Project Supported by Higher Education Institutions, Yerinde Yanmanın Ağır Petrolü Çatlaklı Sistemlerde Deneysel Olarak İndelenmesi, 2015 - 2018

Çınar M., Project Supported by Higher Education Institutions, Yüksek Oranda CO2 İçeren Jeotermal Sistemler için Bir Kuyu İçi Modeli, 2015 - 2018

Çınar M., Project Supported by Higher Education Institutions, Yerinde Yakma Yöntemiyle Terkedilmiş Petrol Rezervuarlarının Geliştirilmiş Jeotermal Sistemlere Dönüştürülmesi, 2013 - 2018

Çınar M., Project Supported by Other Private Institutions, İstatistiksel envanter uyuşturma yönteminin test edilmesi, 2016 - 2016

Çınar M., TUBITAK Project, YERİNDE YANMANIN CATLAKLI SISTEMLERDE DENEYSEL OLARAK İNCELENMESİ, 2013 - 2016

Çınar M., TUBITAK Project, TURKIYEDEKİ KARBONDİOKSİT İCEREN JEOTERMAL SAHALARIN MODELLENMESİ, 2013 - 2015

Çınar M., Other Supported Projects, Rice Enhanced oil recovery collaborative project, 2008 - 2011

Çınar M., Other Supported Projects, Schlumberger center for excellence in in situ combustion at StanfordUniversity, 2008 - 2011

TUBITAK Project, Düşük sıcaklıklı jeotermal rezervuarların akışkan ve ısı üretim davranışının tank modelleriyle modellenmesi, 2004 - 2009

Scientific Refereeing

Journal of Petroleum Science and Engineering, SCI Journal, June 2017

Journal of Petroleum Science and Engineering, SCI Journal, March 2017

SPE Journal, National Scientific Refreed Journal, January 2017

Journal of Petroleum Science and Engineering, SCI Journal, October 2016

SPE Journal, SCI Journal, August 2016

SPE Journal, SCI Journal, August 2016

Journal of Petroleum Science and Engineering, SCI Journal, July 2016

Journal of Petroleum Science and Engineering, SCI Journal, May 2016

Journal of Petroleum Science and Engineering, SCI Journal, April 2016

Journal of Petroleum Science and Engineering, SCI Journal, February 2016

Fuel, SCI Journal, February 2016

Energy&Fuels, SCI Journal, December 2015

Journal of Petroleum Science and Engineering, SCI Journal, February 2015

Energy&Fuels, SCI Journal, September 2014

Journal of Petroleum Science and Engineering, SCI Journal, June 2014

Journal of Petroleum Science and Engineering, SCI Journal, March 2014

Citations

Total Citations (WOS):149

h-index (WOS):6

Scholarships

Öğretim Elemanı Yetiştirme, YOK, 2007 - Continues