



Amirkabir University of Technology
(Tehran Polytechnic)



Email:

rabbani@aut.ac.ir

Phone:

021-64545134

AHMADREZA RABBANI

Professor

Department of Petroleum Engineering
Petroleum Engineering

h-index (Scopus):

15

Citations (Scopus):

572



Research Interests

#	Title	Start date
1	Reservoir Geochemistry	
2	Environmental Geochemistry	
3	Exploration Geochemistry	
4	Asphaltene Geochemistry	
5	Sedimentary Basin Analysis	

Supervised PhD Theses

#	Thesis title	By	Date
1	Assessment of Asphaltenes X-ray diffraction application in reservoir geochemistry	Zahra Sadeghtabaghi & Ahmadreza Rabbani	July 2021
2	Modeling Dynamic Behavior of Asphaltene Deposition in Tubing	Hani Hashemi Kiasari & Ahmadreza Rabbani	September 2014

Supervised MSc Theses

#	Thesis title	By	Date
1	study of probable source rocks in Pazanan oilfield using geochemical study and correlate them with petrophysical logs	Ali Rahmani Dadenjani & Ahmadreza Rabbani	April 2022
2	Geochemical study of the effects of h ₂ s and co ₂ in gas pipelines and related equipment, and solutions to it	Mohammadreza Maddahi & Ahmadreza Rabbani	October 2021
3	Origin of hydrogen sulfide and ways to deal with it in one of Irans gas fields	Javad Omrani & Ahmadreza Rabbani	September 2021
4	structural study of asphaltene from the Marun oil field with FTIR technique for reservoir study	Pegah Darabpoor & Ahmadreza Rabbani	April 2021
5	The petroleum geology studies of the amo darya basin in the north of Afghanistan	Wazir Ahmad Fooshanji & Ahmadreza Rabbani	February 2021
6	investigation of reservoir continuity of sarvaak formation in one of southwestern field of iran by FTIR spectroscopy	Saira Hoseiny & Ahmadreza Rabbani	September 2020
7	geochemical relation study of Sarvak reservoir oil in the Dezful and Abadan plain area	Ali Ghazanfari & Ahmadreza Rabbani	September 2020
8	investigation of crude oil thermal maturity by spectroscopy and pyrolysis analyzes of asphaltene	Hesam Ghasemali & Ahmadreza Rabbani	October 2019
9	study of geochemical desalination methods for drilling fluids wastewater	Sadegh Choopani & Ahmadreza Rabbani	September 2019
10	Geo chemical characteristics of Gilsonites in the western parts of Iran	Hossein Bahrami & Ahmadreza Rabbani	February 2019
11	Geo chemical and mineralogical study of the Asmari base shale horizon in the Marun oil field	Arash Ghiasvand & Ahmadreza Rabbani	February 2019
12	Geo chemical studies of oil pollution in deep sediments of Bandar Anzali	Hossein Esmaeili Asiabar & Ahmadreza Rabbani	February 2019
13	Geo chemical methods for investigation of origin of oil which is suspicious to be stolen from Isfahan pipeline	Mohammad Hadi Hagi Heydar Esfahani & Ahmadreza Rabbani	November 2018
14	Investigation of asphaltene fraction from Asmari and Bangestan reservoirs of Rag-Sefid oil field using FTIR technique for compartmentalizing the oil reservoirs	Narges Ahangarian & Ahmadreza Rabbani	September 2018
15	Application of environmental geochemistry in determining oil pollution in the Caspian sea province of mazandaran	Seyed Raheb Hosseini Bizaki & Ahmadreza Rabbani	February 2018
16	EVALUATION OF SOURCE ROCKS FROM WELL LOGS USING LOGR METHOD AND ARTIFICIAL NEURAL NETWORK TECHNIQUE IN THE SOME WELLS IN IRAN	Masoud Etesami & Ahmadreza Rabbani	October 2017
17	Investigation the relationship between physical properties of rock and production rate in sandstone reservoirs	Hossein Masiri & Ahmadreza Rabbani	October 2017
18	Estimation Of Total Organic Carbon By Using DlogR And Artificial Neural Network In Some Of Wells In The South Of The Iran	Sajed Majidzadeh & Ahmadreza Rabbani	October 2017
19	oil-oil correlation by artificial neural network in some of the Irans south oil fields	Saleh Saeidi Abueshaghi & Ahmadreza Rabbani	July 2017

20	Geochemistry Study in hydrocarbon pollution in southern coastal Caspian sea sediments	Parisa Babaie & Ahmadreza Rabbani	February 2017
21	Geochemical investigation of asphaltene in reservoir geochemistry studies in the western part of the Persian Gulf	Fatemeh Basereh & Ahmadreza Rabbani	October 2016
22	Geochemical Evaluation And 1D Modelling Of The Eastern Part Of The Persian Gulf Oil Fields	Narges Saadatnia & Ahmadreza Rabbani	October 2015
23	Hydrocarbon potential in a east- west transect using tertiary- cretaceous petroleum systems modeling around binak trough, northwest persian gulf	Navid Vahidi Motlagh & Ahmadreza Rabbani	October 2015
24	Geochemical studies and modeling of burial history of oil fields located in the north west of Persian gulf and surrounding areas	Zahra Sadeghtabaghi & Ahmadreza Rabbani	October 2015
25	A comparative survey of asphaltene in crude oils of northwest Persian Gulf oil fields	Morteza Asemani & Ahmadreza Rabbani	October 2014
26	source rocks evaluation of east assaluyeh region	Ali Karimzadegan & Ahmadreza Rabbani	February 2014
27	Thermal and burial history of the Eastern part of the Asalouyeh region	Shadi Salahshoor & Ahmadreza Rabbani	October 2013
28	Investigation of oil sources in east Assaluyeh gas field	Mohammad Ebrahim Shabani & Ahmadreza Rabbani	September 2013
29	improvement of quality of petrophysical evaluation of fractured carbonate reservoir by integration conventional and modern logs	Ali Rajabi Ghareh Ghoyunlu & Ahmadreza Rabbani	September 2013
30	Carbon Management in Oil and Gas industries with emphasis on Gas industries	Mostafa Bazri & Ahmadreza Rabbani	February 2012
31	Study of Reservoir Properties and Rock Typing of Sarvak Formation in Yadavaran Oil Field with Special Remark on Petrophysical and Lithofacies Data	Ali Mazlum & Ahmadreza Rabbani	January 2012
32	Petrophysical Evaluation and Rock-Typing of an Uncored Well by Using Petrophysical Data of a Cored Well in One of Iranian Oil Fields	Ali Talebnejad & Ahmadreza Rabbani	January 2012
33	Petrophysical Evaluation of Gas Wells Kangiran Field	Ali Saki & Ahmadreza Rabbani	November 2011
34	Evaluation of petrophysical logs to determine petrophysical parameters in one of the Iranian hydrocarbon filed	Hojatollah Ebadi & Ahmadreza Rabbani	November 2011
35	Characterization of carbonate reservoirs with integration of geology, petrophysics and reservoir engineering through Pickett plots	Ahmad Nakhaee & Ahmadreza Rabbani	June 2011
36	Permeability determination from Stoneley waves and calibration with core data – in one of ICOFC fields	Seyedmilad Razavi Daryasari & Ahmadreza Rabbani	March 2011
37	Geochemical Investigation of the Environmental Status of Kharg region and Its Oil Pollutions from the Standpoint of their Source and Form of Spreading and Suggesting Suitable Resolving Policies	Behzad Khalil Moghadam & Ahmadreza Rabbani	February 2011
38	Approximation of relative permeability from capillary pressure data in one of iranian carbonate reservoir	Babak Shabani & Ahmadreza Rabbani	February 2011
39	Investigation of the effects of nanoparticle -zeolite (absorbent) in reduction of petroleum contaminated soil	Lida Ershadi & Ahmadreza Rabbani	February 2011

40	Construction of capillary pressure curves using NMR log data	Amir Hatampour & Ahmadreza Rabbani	February 2011
41	Modeling of Burial and Thermal History of Salman & Siri A Oil fields in Persian Gulf	Ali Khajavi & Ahmadreza Rabbani	February 2011
42	Study of nanomineral materials in colloidal form effects on reduction of drilling cement permeability	Vida Ershadi & Ahmadreza Rabbani	February 2011
43	Geochemical Investigation of Asphaltene Precipitation due to CO2 Injection in Hydrocarbon Reservoirs	Kamran Neysi & Ahmadreza Rabbani	February 2011
44	Geochemical Study of Salman Fields Oil And Modeling the Sediments Burial History	Mahdi Moslehizadeh & Ahmadreza Rabbani	February 2011
45	geochemical studies on effect of hydrocarbon and nonhydrocarbon gas injection on asphaltene precipitation in hydrocarbon reservoirs	Amir Nagibi & Ahmadreza Rabbani	January 2011
46	The Study on the Probability of Oil Existence in Gas Reservoir Formations of Dehram Group	Mohammad Hassan Jasayeri & Ahmadreza Rabbani	October 2010
47	Geostatistical static reservoir modeling using well and seismic data in an Iranian hydrocarbon reservoir	Behnam Ghanbarnejad Moghanloo & Ahmadreza Rabbani	October 2010
48	Reservoir Rock Typing of Dehram Group Using Subsurface Data	Sedigheh Izadi & Ahmadreza Rabbani	October 2010
49	review appropriate strategies to deal with hydrogen sulfide in the iranian fields of continental shelf	Mohammad Hossein Saberi & Ahmadreza Rabbani	September 2010
50	Fractured Carbonate Formation Evaluation Using Image Logs, Stoneley Waves and Petrophysical Results in One of Iranian Offshore Fields	Mojtaba Asadpoor & Ahmadreza Rabbani	September 2010
51	Heterogeneous carbonate formation evaluation using LWD, wireline logs and core data in one of Iranian offshore oil field	Pejman Miar & Ahmadreza Rabbani	June 2010
52	Determination of probable sources of hydrogen sulfide in fields of Iranian part of Persian Gulf	Ehsan Hoseiny & Ahmadreza Rabbani	January 2010
53	Geochemical Investigation of Asphaltene Precipitation due to CO2 Injection in Hydrocarbon Reservoirs	Ghanbar Hassanzadeh & Ahmadreza Rabbani	January 2010
54	Geochemical Atlas Preparation of Iranian Sector of Persian Gulf	Hamid Reza Karami Majoomerd & Ahmadreza Rabbani	January 2010
55	Zero Discharge Criteria and Achievement in Offshore Drilling	Mohsen Bahreini & Ahmadreza Rabbani	January 2010
56	Source Rock Evaluation in Persian Gulf Oil Fields	Zahra Sadat Mashhadi & Ahmadreza Rabbani	October 2009
57	Geochemical study of Gas Storage Reservoir Yortsha: Varamin, Central Iran	Khashayar Tabari & Ahmadreza Rabbani	September 2009
58	Geochemical study of hydrogen sulfide origin in Bangestan reservoirs at Ahwaz oil field	Ramin Shakib & Ahmadreza Rabbani	October 2008
59	The feasibility of non- hydrocarbon gas generation during gas injection and water flooding in reservoirs of Ahvaz and Derquain oil fields	Ehsan Dehyadegari & Ahmadreza Rabbani	October 2008
60	Burial history and thermal modelling Ahvaz , Azadegan , Darkhuovain oil field formation	Golaleh Zandkarimi & Ahmadreza Rabbani	October 2008

61	Geochemical study of oil of ahvaz oilfield and consider the methods of prevention of Asphaltene deposits in this oilfield	Hamed Aghaei & Ahmadreza Rabbani	September 2008
62	GEOCHEMICAL STUDIES OF BANGESTAN RESERVOIR IN AHVAZ OIL FIELD	Rahim Bagheri Teartashi & Ahmadreza Rabbani	October 2007
63	SEDIMENTARY BASIN MODELING & GEOCHEMICAL STUDY OF OIL ON FAHLYAN	Fatemeh Eghbali & Ahmadreza Rabbani	October 2007
64	SEDIMENTARY BASIN MODELING & GEOCHEMICAL STUDY OF OIL ON FAHLYAN	Sara Safaran & Ahmadreza Rabbani	October 2007
65	INTEGRATED MULTIDISCIPLINARY APPROACH TO CHARACTERIZE CARBONATE KANGAN & DALAN RESERVOIRS, SOUTH PARS GAS FIELD	Siamak Amiri & Ahmadreza Rabbani	September 2007
66	Defining of cement with low permeability for gas well cementing optimization	Yadollah Bahramian & Ahmadreza Rabbani	January 2007

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	Hydrogen Sulfide and Sour Oil and Gas Reservoirs	Ahmadreza Rabbani	Iran (Islamic Republic of)	October 2010	1
2	Geochemistry of Non Hydrocarbon Gases in the Natural Gas Reservoir	Ahmadreza Rabbani	Iran (Islamic Republic of)	May 2007	1
3	Practical Geochemistry	Ahmadreza Rabbani, Rahim Bagheri Tirtashi, Zahra Sadeghtabghi	Iran (Islamic Republic of)	June 2019	1
4	Surface Geochemistry (Application in Petroleum Expoloration)	Ahmadreza Rabbani	Iran (Islamic Republic of)	December 2016	1
5	Petroleum Geology and Geochemistry of the Persian Gulf	Ahmadreza Rabbani	Iran (Islamic Republic of)	December 2013	1
6	In Search of Petroleum	Ali Shokri, Ahmadreza Rabbani	Iran (Islamic Republic of)	April 2009	1

Journal Papers

Portal Records	
1	Ahmadreza Rabbani, Jalil Sadouni, Morteza Asemani, "Chemometric investigation of oil families and geochemical characterization of crude oils in the Northern Dezful Embayment Zone, SW Iran", JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING, April 2022 Vol. 110496, Num. 1, Page 1-20, April 2022,
2	Zahra Sadeghtabghi, Ahmadreza Rabbani, Abdolhossein Hemmati-Sarapardeh, "New indexes for thermal maturity assessment based on asphaltene fraction", JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING, February 2022 Vol. 211, Num. 110213, Page 1-20, February 2022,
3	Seyed Raheb Hosseini Bizaki, Ahmadreza Rabbani, Alireza Riyahi Bakhtiari, Mitra Cheraghi, Parisa Babaie, "Petrogenic and Biogenic Inputs of n-alkanes along Shoreline of the Caspian Sea in the Mazandaran Province, North of Iran", Applied Environmental Research, January 2022 Vol. 44, Num. 1, Page 95-107, January 2022,

- 4 Zahra Sadeghtabaghi, Ahmadreza Rabbani, Abdolhossein Hemmati-Sarapardeh, "Structural Study of Asphaltenes from the Sarvak Oil Reservoir", *Journal of Mineral Resources Engineering*, November 2021 Vol. 6, Num. 3, Page 69-82, November 2021,
- 5 Golaleh Zandkarimi, Ahmadreza Rabbani, Ali Nakhaee, "Integrated geochemical approach using polar and nonpolar components of crude oil for Sarvak reservoir (Cretaceous)?continuity assessment in the Azadegan oil field, SW Iran", *Arabian Journal of Geosciences*, October 2021 Vol. 14, Num. 2228, Page 1-16, October 2021,
- 6 Zahra Sadeghtabaghi, Ahmadreza Rabbani, Abdolhossein Hemmati-Sarapardeh, "Introducing a Novel Approach for Oil?oil Correlation based on Asphaltene Structure: X?ray Diffraction", *ACTA GEOLOGICA SINICA-ENGLISH EDITION*, April 2021 Vol. 30, Num. 2021, Page 1-20, April 2021,
- 7 Morteza Asemani, Ahmadreza Rabbani, Hashem Sarafdokht, "Implementation of an Integrated Geochemical Approach Using Polar and Nonpolar Components of Crude Oil for Reservoir-Continuity Assessment: Verification with Reservoir-Engineering Evidences", *SPE JOURNAL*, April 2021 Vol. 1, Num. 18, Page 1-18, April 2021,
- 8 Zahra Sadeghtabaghi, Ahmadreza Rabbani, Abdolhossein Hemmati-Sarapardeh, "A Review on Asphaltenes Characterization by X-ray Diffraction: Fundamentals, Challenges, and Tips", *JOURNAL OF MOLECULAR STRUCTURE*, April 2021 Vol. 1238, Num. 13425, Page 1-20, April 2021,
- 9 Zahra Sadeghtabaghi, Ahmadreza Rabbani, Abdolhossein Hemmati-Sarapardeh, "Experimental evaluation of thermal maturity of crude oil samples by asphaltene fraction: Raman spectroscopy and X-ray diffraction", *JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING*, April 2021 Vol. 199, Num. 108269, Page 1-20, April 2021,
- 10 Morteza Asemani, Ahmadreza Rabbani, "A novel and efficient chemometric approach to identifying oil families by saturate biomarker data and FTIR spectroscopy of asphaltene subfractions", *MARINE AND PETROLEUM GEOLOGY*, February 2021 Vol. 124, Num. 104838, Page 1-20, February 2021,
- 11 Morteza Asemani, Ahmadreza Rabbani, Hashem Sarafdokht, "Origin, geochemical characteristics and filling pathways in the Shadegan oil field, Dezful Embayment, SW Iran", *JOURNAL OF AFRICAN EARTH SCIENCES*, November 2020 Vol. 0, Num. 0, Page 1-20, November 2020,
- 12 Zahra Sadeghtabaghi, Mohsen Talebkeikhah, Ahmadreza Rabbani, "Prediction of vitrinite reflectance values using machine learning techniques: a new approach", *Journal of Petroleum Exploration and Production Technology*, November 2020 Vol. 0, Num. 0, Page 1-20, November 2020,
- 13 Morteza Asemani, Ahmadreza Rabbani, "Crude oil fingerprint heterogeneity assessment by investigation of asphaltene subfractions: Implementation for reservoir continuity evaluation", *JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING*, September 2020 Vol. 107925, Num. 0, Page 1-20, September 2020,
- 14 Morteza Asemani, Ahmadreza Rabbani, Hashem Sarafdokht, "Evaluation of oil fingerprints similarity by a novel technique based on FTIR spectroscopy of asphaltenes: Modified moving window correlation coefficient technique", *MARINE AND PETROLEUM GEOLOGY*, June 2020 Vol. 120, Num. 10542, Page 1-20, June 2020,
- 15 Seyed Raheb Hosseini Bizaki, Ahmadreza Rabbani, Alireza Riyahi Bakhtiyari, Mitra Cheraghi, "Assessing the Oil Pollution Trend in Surface Sediments along the Coastal Area of Mazandaran Province", , May 2020 Vol. 52, Num. 2, Page 1-10, May 2020,
- 16 Morteza Asemani, Ahmadreza Rabbani, "Detailed FTIR spectroscopy characterization of crude oil extracted asphaltenes: Curve resolve of overlapping bands", *JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING*, November 2019 Vol. 0, Num. 0, Page 1-20, November 2019,
- 17 Mohammad Hossein Saberi, Younes Jalilian, Ahmadreza Rabbani, "Determination and estimation of hydrocarbon potential by calculating kinetic parameters and Rock-Eval 6 pyrolysis analysis in Sarchahan formation and coal inter-layers of Faraghoun formations in coastal Fars and Persian Gulf, Iran", *Journal of Mineral Resources Engineering*, November 2019 Vol. 4, Num. 3, Page 15-36, November 2019,
- 18 Mohammad Hossein Saberi, Taha Ashrafi, Ahmadreza Rabbani, "1D PETROLEUM SYSTEM MODELING IN SEVERAL COASTAL FARS HYDROCARBON FIELDS AND ANALYSIS OF KANGAN FORMATION'S SHALY SUB LAYERS GENERATION POTENTIAL", , October 2019 Vol. 13, Num. 41, Page 1-7, October 2019,
- 19 Mohammad Hossein Saberi, Mohammad Javad Seydi, Ahmadreza Rabbani, "Determination of Geochemical Properties and Genetic Types of Gas Condensates Using Biomarker Studies and Chemometric Analysis in Persian Gulf Basin, Iran", *Journal of Analytical and Numerical Methods in Mining Engineering*, July 2019 Vol. 9, Num. 19, Page 91-100, July 2019,

- 20 Payam Hassanzadeh, Ardeshir Hezarkhani, Ahmadreza Rabbani, Saeid Khajooie, "Integrating geochemical and reservoir engineering approach to evaluate reservoir continuity: A case study from Foroozan field, Offshore Iran", JOURNAL OF EARTH SYSTEM SCIENCE, March 2019 Vol. 128, Num. 83, Page 1-16, March 2019,
- 21 Mehdi Kobraei, Jalil Sadouni, Ahmadreza Rabbani, "Organic geochemical characteristics of Jurassic petroleum system in Abadan Plain and north Dezful zones of the Zagros basin, southwest Iran", JOURNAL OF EARTH SYSTEM SCIENCE, February 2019 Vol. 128, Num. 50, Page 1-17, February 2019,
- 22 Mehdi Kobraei, Ahmadreza Rabbani, Farid Taati, "Upper Jurassic-Lower Cretaceous Source-Rock Evaluation and Oil-Source Rock Correlation in the Abadan Plain, Southwest Iran", GEOCHEMISTRY INTERNATIONAL, January 2019 Vol. 57, Num. 7, Page 790-804, January 2019,
- 23 Jalil Sadouni, Ahmadreza Rabbani, "Characteristics of the First Occurrence of Jurassic Petroleum in the Zagros Basin, Iran", ACTA GEOLOGICA SINICA-ENGLISH EDITION, December 2018 Vol. 92, Num. 6, Page 2280-2296, December 2018,
- 24 Payam Hassanzadeh, Ahmadreza Rabbani, Ardeshir Hezarkhani, Saeed Khajooie, "Assessing Lateral Continuity within the Yammama Reservoir in the Foroozan Oilfield, Offshore Iran: An Integrated Study", ACTA GEOLOGICA SINICA-ENGLISH EDITION, December 2018 Vol. 92, Num. 6, Page 2405-2415, December 2018,
- 25 Malihe Hamidi, Farajolah Fardoust, Mahdi Jafarzadeh, Ahmadreza Rabbani, "Organic geochemistry of the Upper Triassic-Middle Jurassic Shemshak Group (Alborz Mountains, NE Iran)", PETROLEUM SCIENCE AND TECHNOLOGY, September 2018 Vol. 36, Num. 21, Page 1764-1770, September 2018,
- 26 Mehdi Kobraei, Ahmadreza Rabbani, "Gas-condensate potential of the middle-Jurassic petroleum system in Abadan plain, Southwest Iran: Results of 2-D basin modeling", ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, May 2018 Vol. 41, Num. 10, Page 1-14, May 2018,
- 27 Morteza Taherinezhad, Morteza Asemiani, Ahmadreza Rabbani, "Genetic classification of oil samples in the Eastern part of the Persian Gulf according the FTIR asphalten result.", Iranian Journal of Petroleum Geology, October 2017 Vol. 6, Num. 12, Page 60-79, October 2017,
- 28 Ahmadreza Rabbani, Alireza Baniasad, "Application of advanced geochemical and statistical analysis in identifying oil families in Persian Gulf", Journal of Mineral Resources Engineering, September 2017 Vol. 2, Num. 2, Page 69-77, September 2017,
- 29 Mehdi Kobraei, Ahmadreza Rabbani, Farid Taati, "Source rock evaluation of the Pabdeh and Kazhdumi Formation in the Abadan plane.SW Iran", Petroleum Research, September 2017 Vol. 93, Num. 0, Page 4-17, September 2017,
- 30 Mehdi Kobraei, Ahmadreza Rabbani, Farid Taati, "Source rock characteristics of the Early Cretaceous Garau and Gadvan formations in the western Zagros Basin-southwest Iran", Journal of Petroleum Exploration and Production Technology, June 2017 Vol. 30, Num. 20, Page 1-20, June 2017,
- 31 Alireza Baniasad, Ahmadreza Rabbani, Seyed Ali Moallemi, Bahman Soleimany, Mehrab Rashidi, "Petroleum System Analysis of the Northwestern Part of the Persian Gulf, Iranian Sector", ORGANIC GEOCHEMISTRY, April 2017 Vol. 107, Num. 0, Page 69-97, April 2017,
- 32 Ahmadreza Rabbani, Mohammad Hossein Saberi, "Geochemical study of Dalan and Kangan gas-condensate reservoirs in the south of Iran", Journal of Mineral Resources Engineering, March 2017 Vol. 1, Num. 2, Page 33-46, March 2017,
- 33 Ehsan Hosseiny, Ahmadreza Rabbani, Seyed Ali Moallemi, "Oil families and migration paths by biological markers in the eastern Iranian sector of Persian Gulf", JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING, December 2016 Vol. 0, Num. 0, Page 1-15, December 2016,
- 34 Zahra Sadeghtabaghi, Ahmadreza Rabbani, "Geochemical study and burial and thermal history modeling of Dorood and Nowrooz oil fields", Journal of Mineral Resources Engineering, December 2016 Vol. 1, Num. 1, Page 63-76, December 2016,
- 35 Asghar Ahanjan, Ahmadreza Rabbani, Mohammad Reza Kamali, "An improved understanding of the origin and mechanism of Permian-Triassic natural gas-condensate accumulations in the Gavbendi High, Southwest Iran: An integrated approach", Journal of Natural Gas Science and Engineering, November 2016 Vol. 7, Num. 0, Page 217-233, November 2016,

- 36 Asghar Ahanjan, Ahmadreza Rabbani, Saeed Khajooie, "Assessing vertical compartmentalization within the KHM field, southwest of Iran: An integrated approach", *Journal of Natural Gas Science and Engineering*, October 2016 Vol. 36, Num. 0, Page 1-7, October 2016,
- 37 Alireza Baniasad, Ahmadreza Rabbani, Victoria Sachse, Ralf Litke, Seyed Ali Moallemi, Bahman Soleimany, "2D basin modeling study of the Binak Trough, northwestern Persian Gulf, Iran", *MARINE AND PETROLEUM GEOLOGY*, August 2016 Vol. 77, Num. 0, Page 1-16, August 2016,
- 38 Navid Vahidi Motlagh, Ahmadreza Rabbani, Seyed Ali Moallemi, Payam Hassanzadeh, "A study of oil biomarkers and 2D modelling of Tertiary- Cretaceous petroleum system of the Binak Trough, Northwest Persian Gulf", *Oil and Gas Exploration and Production*, August 2016 Vol. 134, Num. 134, Page 47-56, August 2016,
- 39 Ehsan Hosseiny, Ahmadreza Rabbani, Seyed Ali Moallemi, "Source rock characterization of the Cretaceous Sarvak Formation in the eastern part of the Iranian sector of Persian Gulf", *ORGANIC GEOCHEMISTRY*, July 2016 Vol. 99, Num. 100, Page 53-66, July 2016,
- 40 Golaleh Zandkarimi, Ahmadreza Rabbani, "Static Model Construction for Lower Shuaiba Formation (Lower Dariyan)", *Marine Science*, June 2016 Vol. 6, Num. 1, Page 1-10, June 2016,
- 41 Ahmadreza Karimi Khajeh Langi, Ahmadreza Rabbani, M.R.Kamali, Mohamad Hosein Heidarifard, "Geochemical evaluation and thermal modeling of the Eocene–Oligocene Pabdeh and Middle Cretaceous Gurpi Formations in the northern part of the Dezful Embayment", *Arabian Journal of Geosciences*, May 2016 Vol. 9, Num. 423, Page 1-12, May 2016,
- 42 Ahmadreza Karimi Khajeh Langi, Ahmadreza Rabbani, M.R.Kamali, "A bulk kinetic, burial history and thermal modeling study of the Albian Kazhdumi and the Eocene-Oligocene Pabdeh formations in the Ahvaz anticline, Dezful Embayment, Iran", *JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING*, April 2016 Vol. 146, Num. 146, Page 61-70, April 2016,
- 43 Mohammad Hossein Saberi, Ahmadreza Rabbani, M.Ghavidel-Syooki, "Hydrocarbon Potential and Palynological Study of the Paleozoic Source Rock (Sarchahan Formation) in the Zagros Mountains, Southern Iran", *MARINE AND PETROLEUM GEOLOGY*, January 2016 Vol. 0, Num. 0, Page 12-25, January 2016,
- 44 Zahrasadat Moshhadi, Ahmadreza Rabbani, Mohammad Reza Kamali, "Geochemical characteristics and hydrocarbon generation modeling of the Kazhdumi (Early Cretaceous), Gurpi (Late Cretaceous) and Pabdeh (Paleogene) Formations, Iranian sector of the Persian Gulf", *MARINE AND PETROLEUM GEOLOGY*, August 2015 Vol. 67, Num. 0, Page 1-20, August 2015,
- 45 Z.Rezaei Kavanroudi, Ahmadreza Rabbani, Zahrasadat Moshhadi, "Source Rock Evaluation of the Cretaceous Kazhdumi Formation in the Persian Gulf", *ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS*, August 2015 Vol. 0, Num. 0, Page 1-9, August 2015,
- 46 Morteza Asemani, Ahmadreza Rabbani, "Oil-oil correlation by FTIR spectroscopy of asphaltene samples", *GEOSCIENCES JOURNAL*, August 2015 Vol. 37, Num. 37, Page 1-10, August 2015,
- 47 Ahmadreza Rabbani, Mohammad Hossein Saberi, "Origin of Natural Gases in the Permo-Triassic Reservoirs of the Coastal Fars and Iranian Sector of the Persian Gulf", *Journal of Natural Gas Science and Engineering*, July 2015 Vol. 26, Num. 0, Page 558-569, July 2015,
- 48 Zahrasadat Moshhadi, Ahmadreza Rabbani, M.R.Kamali, Maryam Mirshahani, Ahmad Khajehzadeh, "Burial and thermal maturity modeling of the Middle Cretaceous–Early Miocene petroleum system, Iranian sector of the Persian Gulf", *PETROLEUM SCIENCE*, July 2015 Vol. 25, Num. 0, Page 1-26, July 2015,
- 49 Zahrasadat Moshhadi, Ahmadreza Rabbani, "Organic geochemistry of crude oils and Cretaceous source rocks in the Iranian sector of the Persian Gulf: An oil-oil and oil–source rock correlation study", *INTERNATIONAL JOURNAL OF COAL GEOLOGY*, May 2015 Vol. 146, Num. 0, Page 118-144, May 2015,
- 50 Ali Rajabi Ghareh Ghoyunlu, Mohammad Javad Afshari Moein, Ahmadreza Rabbani, "Improvement of petrophysical evaluation in a gas bearing carbonate reservoir-A case in Persian Gulf", *Journal of Natural Gas Science and Engineering*, April 2015 Vol. 24, Num. 24, Page 238-244, April 2015,
- 51 Amir Nagibi, Ahmadreza Rabbani, Ehsan Dehyadegari, "A Geochemical Investigation of the CO₂ Injection Effect on Oil Composition in One of the Eastern Persian Gulf Fields", *ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS*, April 2015 Vol. 37, Num. 37, Page 1062-1070, April 2015,

- 52 Amir Nagibi, Ehsan Dehyadegari, Ahmadreza Rabbani, "Geochemical Investigation of the Methane Injection Effect on Oil Composition in One of the Eastern Persian Gulf Fields", *ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS*, February 2015 Vol. 37, Num. 6, Page 567-575, February 2015,
- 53 Ahmadreza Rabbani, Alireza Baniasad, Ehsan Hosseiny, Ehsan Dehyadegari, "Comparison of Physical and Chemical Properties of the Oilfields Samples in the Iranian Sector of the Persian Gulf", *Petroleum Research*, December 2014 Vol. 24, Num. 79, Page 95-107, December 2014,
- 54 Ehsan Dehyadegari, Ahmadreza Rabbani, "The Effects of Miscible CO₂ Injection on Oil Biomarker Parameters", *PETROLEUM SCIENCE AND TECHNOLOGY*, November 2014 Vol. 32, Num. 23, Page 2853-2866, November 2014,
- 55 Ahmadreza Rabbani, Mohammad Hossein Saberi, "Prediction of Source Rock Facies by the S and N content in the Persian Gulf Oils", *Journal of Advanced Applied Geology(JAAG)*, November 2014 Vol. 93 تابستان, Num. 12, Page 1-6, November 2014,
- 56 Ahmadreza Rabbani, Macij Kotarba, Alireza Baniasad, Ehsan Hosseiny, Dariusz Wieclaw, "Geochemical Characteristics and Genetic Types of the Crude Oils from the Iranian Sector of the Persian Gulf", *ORGANIC GEOCHEMISTRY*, February 2014 Vol. Published online, Num. 70, Page 29-43, February 2014,
- 57 Mohammad Hossein Saberi, Ahmadreza Rabbani, Kamran Azadiahmadabadi, "The Age and Facies Characteristics of Persian Gulf Source Rocks", *PETROLEUM SCIENCE AND TECHNOLOGY*, January 2014 Vol. 32, Num. 32, Page 371-378, January 2014,
- 58 Hani Hashemi Kiasari, Ahmadreza Rabbani, S Ali Mousavi Dehghani, Abbas Qobadi, "Modeling Asphaltene/Surface Interaction Effect on the Asphaltene Deposition Rate by Using Novel Quartz Crystal Nanobalance Experiments", *JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY*, January 2014 Vol. Published online, Num. 0, Page 1-11, January 2014,
- 59 Ahmadreza Rabbani, Zahrasadat Moshhadi, Z.Rezaieii Kavenroudi, S.Heydari, "Source Rock Evaluation of the Barremian to Early Aptian Gadvan Formation in the Persian Gulf", *Journal of Advanced Applied Geology(JAAG)*, August 2013 Vol. 9, Num. 1, Page 21-30, August 2013,
- 60 Elham Abdolazhadeh, Babak Bonakdarpour, Pegah Roustazadeh Sheikhyousefi, Mohammad Ali Amozegar, Ahmadreza Rabbani, "The biological treatment of high salinity synthetic oilfield produced water in a submerged membrane bioreactor using a halophilic bacterial consortium", *JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY*, April 2013 Vol. online, Num. 2013, Page 1-20, April 2013,
- 61 Iman Rahimzadeh Kivi, Hani Hashemi Kiasari, Ehsan Amirian, Ahmadreza Rabbani, Behnam Sedaii Sola, "Sensitivity Analysis to Operational Parameters of the Offset Well During Fast-SAGD Process in Naturally Fractured Reservoir", *PETROLEUM SCIENCE AND TECHNOLOGY*, April 2013 Vol. 31, Num. 31, Page 1123-1134, April 2013,
- 62 Malihe Moattari, Ahmadreza Rabbani, Y.MahdaviFar, "Estimation of the Amount of Generated Hydrocarbon by Determining Kinetic Parameters (A, E) in Padeh, Gurpi, and Kazdumi Source Rocks With an Open Pyrolysis System", *PETROLEUM SCIENCE AND TECHNOLOGY*, October 2012 Vol. 30-2012, Num. 30, Page 2306-2315, October 2012,
- 63 Ahmadreza Rabbani, Ghanbar Hasanzadeh, Ehsan Dehyadegari, "Asphaltene Deposition under CO₂ Injection: Experimental Study of Bangestan Reservoir of Ahwaz Oilfield, SW Iran", *PETROLEUM SCIENCE AND TECHNOLOGY*, February 2012 Vol. VOL 30, Num. 20, Page 1-7, February 2012,
- 64 Mojtaba Asadpoor, Ahmadreza Rabbani, Masoud Lotfpour, Masoud Tamimi, Javad Yazdani, Pejman Miar, "Effective Approach for Fractured Carbonate Reservoir Petrophysical Logs Interpretation in an Iranian Offshore Oil Field", *PETROLEUM SCIENCE AND TECHNOLOGY*, July 2011 Vol. 29, Num. 29, Page 1-9, July 2011,
- 65 Ahmadreza Rabbani, Hamed Aghaei, Mohammadreza Saadati Nejad, "Study on Asphaltene at One of the Iranian OilField", *Australian Journal of Basic and Applied Sciences*, July 2011 Vol. 5, Num. 6, Page 1315-1323, July 2011,
- 66 Ardeshir Kalali, Taghi Ebadi, Ahmadreza Rabbani, Shabnam Sadri Moghaddam, "response surface methodology approach to the optimization of oil hydrocarbon polluted soil remediation using enhanced soil washing", *INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY*, March 2011 Vol. 8, Num. 2, Page 389-400, March 2011,
- 67 Ahmadreza Rabbani, Fatemeh Eghbali, "Petroleum Geochemistry and Burial History Modelling in the Azadegan Oil Field", *Chemical, Polymer and Material Science and Technology, Amirkabir*, March 2011 Vol. 21 سال, Num. 72, Page 43-48, March 2011,

- 68 Ahmadreza Rabbani, Rahim Bagheri Teartashi, "Hydrocarbon Source Rock Evaluation of the Super Giant Ahwaz Oil Field, SW Iran", Australian Journal of Basic and Applied Sciences, April 2010 Vol. 4, Num. 5, Page 0-0, April 2010,
- 69 Ahmadreza Rabbani, Sara Safaran, "Petroleum Geochemistry of Fahliyan Reservoir in Darquain Field.", international journal of science and technology AMIRKABIR, March 2010 Vol. 71 شماره ج, Num. 71, Page 47-53, March 2010,
- 70 Ahmadreza Rabbani, "Geochemistry of crude oil samples from the Iranian sector of the Persian Gulf", journal of petroleum geology, July 2008 Vol. , Num. 31, Page 0-0, July 2008,
- 71 Ahmadreza Rabbani, "Petroleum Geochemistry, Offshore SE Iran", Geochemistry International, November 2007 Vol. , Num. 11, Page 0-0, November 2007,
- 72 Ahmadreza Rabbani, [en-name N/A], [en-name N/A], "Geochemical Studies of Faraghun, Sarchahan and Siahu Formation and Evaluation Their Role in Gas Generation in Fars and Bandar -Abbas Regions", AmirKabir Journal, December 2006 Vol. 0, Num. 0, Page 0-0, December 2006,
- 73 Ahmadreza Rabbani, [en-name N/A], "Source Rock Evaluation and Petroleum Geochemistry , Offshore SW Iran", journal of petroleum geology, October 2005 Vol. , Num. 0, Page 0-0, October 2005,
- 74 Ahmadreza Rabbani, Mohammad Younesi, "The Study of H2S in the Iranian Natural Gas Reservoir", international journal of science and technology AMIRKABIR, May 2005 Vol. 0, Num. 0, Page 0-0, May 2005,
- 75 Ahmadreza Rabbani, Mahdi Shaabani, "Geochemical Clasification of the Oil Reservoir in the Western Part of the Iranin Sector of Persian Gulf", Journal of Faculty of Engineering, January 2005 Vol. , Num. 5, Page 0-0, January 2005,
- 76 Ahmadreza Rabbani, "Geochemical Study of the Permo-Triassic Boundry and Carbonate-Dolomite Facies of the Kangan and Dalan Reservoir in the Salman Oil field", , September 2004 Vol. 0, Num. 59, Page 0-0, September 2004,
- 77 Ahmadreza Rabbani, "Geochemical and Petrographical Study of the Dalan and Kangan Gas Reservoir in the South of Iran", , September 2004 Vol. , Num. 49, Page 0-0, September 2004,
- 78 Ahmadreza Rabbani, "Source Study of the Permo-Triassic Gas Reservoir in the South of Iran", , January 2004 Vol. , Num. 1, Page 0-0, January 2004,
- 79 Ahmadreza Rabbani, Mansoor Nasri Babaei, "Source Rock Evaluation and Geochemical Studies of the Oil Fields in the East of the Persian Gulf", international journal of science and technology AMIRKABIR, December 2003 Vol. 0, Num. 57, Page 0-0, December 2003,
- 80 Ahmadreza Rabbani, [en-name N/A], "Geochemical characteristics and origin of naural gas in southern Iran", Geochemistry International, August 2001 Vol. , Num. 39, Page 0-0, August 2001,
- 81 Ahmadreza Rabbani, "Geochemistry of oil in the persian gulf", , January 2001 Vol. , Num. 6, Page 0-0, January 2001,
- 82 Ahmadreza Rabbani, [en-name N/A], "Geochemical identification of oil source formation in seateastem iran", Geochemistry International, December 2000 Vol. , Num. 12, Page 0-0, December 2000,
- 83 Ahmadreza Rabbani, "Isotopic study of carbonate and", Science and Technology, January 2000 Vol. , Num. 5, Page 0-0, January 2000,

Conference Papers

Portal Records

- 1 Zahra Sadeghtabaghi, Mohsen Talebkeikhah, Ahmadreza Rabbani, "Assessing the effect of crushing on the X-ray diffraction pattern of the asphaltene sample ", 3rd international Biennial Oil , Gas and Petrochemical Conference, December 2020
- 2 Vali Mehdipour, Zahra Sadeghtabaghi, Ahmadreza Rabbani, "A review of reservoir and production geochemistry application in EOR ", 5th National Conference of the Iranian Sedimentology Association, August 2020












- 3 Khadije Hashemiyani, Vali Mehdipour, Ahmadreza Rabbani, "Determination of electrical facies using clustering algorithm MRG and their use in facies modelling ", 5th National Conference of the Iranian Sedimentology Association, August 2020
- 4 Zahra Sadeghtabaghi, Ahmadreza Rabbani, "Determination and assessment of asphaltene aromaticity values by two methods of X-ray diffraction and Fourier-transform infrared spectroscopy ", 3rd national Congress of Chemistry and Nanochemistry from Research to Technology, August 2020
- 5 Morteza Taherinezhad, Ahmadreza Rabbani, Morteza Asemani, R. Swennen, "OIL-OIL CORRELATION USING POLAR AND NON-POLAR FRACTIONS OF CRUDE OIL: A CASE STUDY IN IRANIAN OIL FIELDS ", (29th International Meeting on Organic Geochemistry (IMOG, September 2019
- 6 Narges Ahangarian, Ahmadreza Rabbani, Morteza Asemani, Mohammad Hussein Heydari Fard, "Asphaltene study with FTIR for the reservoir compartmentalization ", the 16th Iranian congress of chemical engineering, January 2019
- 7 Fatemeh Basereh, Morteza Taherinezhad, Ahmadreza Rabbani, Morteza Asemani, "Infrared spectroscopy study of Asphaltene samples extracted from crude oil field in Persian gulf ", Third International Conference on recent innovation in Chemistry and Chemical Engineering, September 2016
- 8 Fatemeh Basereh, Morteza Taherinezhad, Ahmadreza Rabbani, Morteza Asemani, "The differences of asphaltenes extracted from crude oils by N-Heptane and N-Pentane solvents: A Case Study of Persian Gulf crude oil samples ", Third International Conference on research achievements in Chemistry and Chemical Engineering, September 2016
- 9 Morteza Taherinezhad, Fatemeh Basereh, Ahmadreza Rabbani, Morteza Asemani, "Application of asphaltene in geochemical correlations: A case study of Persian Gulf crude oil samples ", Third International Conference on research achievements in Chemistry and Chemical Engineering, September 2016
- 10 Alireza Baniasad, Ahmadreza Rabbani, Victoria Sachse, Ralf Litke, "Organic Geochemistry and Basin Modeling Study in the Northwestern Part of the Persian Gulf ", Geo Berlin 2015, October 2015
- 11 Zahrasadat Moshhadi, Ahmadreza Rabbani, M.R.Kamali, "Organic Geochemical Characteristics of the Cretaceous Source Rocks and Crude Oils, Iranian Sector of the Persian Gulf ", 77th EAGE Conference & Exhibition 2015, June 2015
- 12 Zahra Sadeghtabaghi, Ahmadreza Rabbani, "Geochemical studies of Dorood, Bahregansar, Hendijan and Nowrouz oil fields ", 4th Reservoir Engineering and Upstream, May 2015
- 13 Morteza Asemani, Ahmadreza Rabbani, Seyed Farbod Shirazi, "The Introduction of Underground Gas Storage Procedures with Regarding Iran,s Activities ", 2nd Conference on oil & gas storage tanks, September 2014
- 14 Zahrasadat Moshhadi, Mohammad Reza Kamali, Ahmadreza Rabbani, "Source Rock Evaluation and Geochemical Characterisation of Albian Kazhdumi Formation, Offshore SW Iran ", Third EAGE Exploration Workshop, April 2014
- 15 Ahmadreza Rabbani, Mohammad Hossein Saberi, "Prediction of Source-Rock Facies Variations Using S/N Ratio in the Persian Gulf Oils ", 32nd National & the 1st International Geosciences Congress 2014, February 2014
- 16 Ahmadreza Rabbani, Maciej Kotarba, Dariusez Wieclaw, "Origin of oils accumulated in Mesozoic-Cenozoic reservoirs of the Iranian sector of the Persian Gulf ", 75th EAGE Conference & Exhibition incorporating SPE EUROPEC 2013, June 2013
- 17 Dariusz Wieclaw, Ahmadreza Rabbani, Maciej J. Kotarba, Adam Kowalski, "GEOCHEMISTRY OF OIL AND SOURCE ROCKS IN THE SOUTH-WESTERN PART OF THE IRANIAN PERSIAN GULF ", 2nd. International Conference "Alpine-Petrol 2012, October 2012
- 18 Ahmadreza Rabbani, Ehsan Dehyadegari, Ghanbar Hassanzadeh, "EFFECT OF CO2 INJECTION ON THE GEOCHEMISTRY OF OIL :CASE STUDIES FROM THE SOUTH OF IRAN ", International Conference "Alpine-Petrol 2012", October 2012
- 19 Elham Abdolazadeh Sharghi, Pegah Roustazadeh Sheikhyousefi, Babak Bonakdarpour, Mohammad Ali Amoozegar, Ahmadreza Rabbani, "The Use of a Submerged membrane Bioreactor for the Biological Treatment of a Synthetic Oilfield Produced Water Using an Isolated Halophilic Bacterial Consortium ", International Conference on Recycling and Reuse, June 2012

- 20 Elham Abdolazadeh Sharghi, Pegah Roustazadeh Sheikhyousefi, Babak Bonakdarpour, Ahmadreza Rabbani, Mohammad Ali Ammozegar, "Biological Treatment of Synthetic and Real Oilfield Produced Water of Varying Salinity Using an isolated Halophilic Bacterial Consortium ", The 7th International Chemical Engineering Congress and Exhibition, November 2011
- 21 Vida Ershadi, Taghi Ebadi, Ahmadreza Rabbani, Lida Ershadi, H. Soltanian, "Reduction of set cement permeability in oil well to decrease the pollution of receptive environment using spherical nanosilica ", 2nd International Conference on Environmental Science and Technology (ICEST 2011), February 2011
- 22 Lida Ershadi, Taghi Ebadi, Vida Ershadi, Ahmadreza Rabbani, "Chemical oxidation of crude oil in oil contaminated soil by Fenton process using nano zero valent Iron ", (2nd International Conference on Environmental Science and Technology (ICEST 2011, February 2011
- 23 Maciej Kotarba, Ahmadreza Rabbani, "ISOTOPIC CHARACTERISTICS OF OILS FROM THE IRANIAN SECTOR OF THE PERSIAN GULF ", the international conference,Baltic-Petrol-2010, October 2010
- 24 Lida Ershadi, Taghi Ebadi, Ahmadreza Rabbani, Vida Ershadi, "Using Fenton-reactive iron nanoparticles to remove TPH from petroleum contaminated soil Tehran refinery ", National Conference of Energy and Environment, October 2010
- 25 Ahmadreza Rabbani, "Origin of natural gas in south of iran ", 24th World Gas Conference, in Buenos Aires, Argentina, October 2009
- 26 Ahmadreza Rabbani, Ehsan Dehyadegari, "Feasibility study of non hydrocarbon gases generation during water flooding in darquin oil field " , , May 2009
- 27 Ahmadreza Rabbani, Ehsan Dehyadegari, "Feasibility study of non hydrocarbon gases generation during water flooding in darquin oil field " , , May 2009
- 28 Ahmadreza Rabbani, Fatemeh Eghbali, "Geochemical study and basin modelliond of Azadegan oil fields " , , January 2008
- 29 Ahmadreza Rabbani, Sara Safaran, "Geochemical study of Darquien oil field " , , January 2008
- 30 Ahmadreza Rabbani, "the study of H2S origiin in natural gas reservoirs in south of iran " , , September 2005
- 31 Ahmadreza Rabbani, "Geochemical studes of notural gas in the south Iran " , , March 2004
- 32 Ahmadreza Rabbani, "Organic Geochemistry of crade oils from the nowthwest of persion Gulf " , , March 2004
- 33 Ahmadreza Rabbani, "Geochemical Studies of Natural Gas in Upper Permian Dalan and Lower Triassic Kangan Gas Reservoir in the South Iran " , , November 2001
- 34 Ahmadreza Rabbani, "isotopic study of carbonate and dolomite facies in the kangan and dalan formations in the south of iran " , , October 2000
- 35 Ahmadreza Rabbani, V.N. Kuleshole, "Isotopic Study of Carbonate and dolomite Facies in The Muzdorán Formation in The North Of Iran " , , July 1998

Professional Memberships

#	Professional memberships	Explanations
1	EAGE	
2	AAPG	

Taught Courses

#	Course title	Description	Headlines	Date
1	Environmental Geochemistry	Introducing students to the Environmental forensics, Oil spill, oil pollution, Methods of study of oil pollution		Spring 2022
2	Petrology	-		Spring 2022
3	Advanced Petroleum Organic Geochemistry	Familiarity of students with the the advance application of geochemistry in reservoir, production and exploration studies		Fall 2021
4	Petroleum Geology	Origin of petroleum, mechanism of oil and gas generation, Migration, accumulation,Exploration methods,Petroleum geology of Iran		Fall 2021
5	Advanced Reservoir Geochemistry	Familiarity of students with the the advance application of geochemistry in reservoir studies, production and development		Fall 2021
6	Petroleum Geochemistry	Familiarity of students with the principles and importance of geochemistry in petroleum engineering, geochemical methods in exploration, reservoir and production studies		Fall 2021
7	Environmental Geochemistry	Introducing students to the Environmental forensics, Oil spill, oil pollution, Methods of study of oil pollution		Spring 2021
8	(Special Topics (Carbonate Reservoirs	Carbonate Reservoirs: Sedimentology, Diagenesis, and Reservoir Quality Evaluation		Spring 2021
9	Sedimentary Basin Analysis	Introducing students to the sedimentary basin , mechanism of the sedimentary basin evaluation, capacity of the petroleum generation and accumulation in the different basin		Spring 2021
10	Petrology	-		Spring 2021
11	Research Methods	aa		Spring 2021

Inventions/Patents

#	Invention title	Reg. number	Country	contributors	Reg. date	Exp. date
1	Geostatistical interpretation of image logs and diagnostic heterogeneity	388121051			2010/03/1	-