



Majid Alipour

Date of birth: 24 December 1984

Marital state: Married with one child

Assistant professor of petroleum geochemistry/geology
Department of Petroleum Geology and Sedimentary Basins
Faculty of Earth Sciences, Shahid Chamran University of Ahvaz, Ahvaz, Iran

alipour@scu.ac.ir, alipour.magid@gmail.com

ORCID ID: <https://orcid.org/0000-0002-3759-993X>

Phone: +98-914-4088308

EDUCATION

Bachelor of Science (BS) Degree in Geology..... **2003-August 2007**

Department of Geology, Faculty of Natural Sciences, University of Tabriz, Tabriz, Iran

GPA: (17.21/20.00)

Master of Sciences (MSc) Degree in Petroleum Geology **2007-August 2010**

Department of geology, Faculty of Earth Sciences, Shahid Chamran University of Ahvaz, Ahvaz, Iran

GPA: (18.52/20.00)

Doctor of Philosophy (PhD) in Petroleum Geochemistry **2012- July 2017**

Department of geology, Faculty of Earth Sciences, Shahid Chamran University of Ahvaz, Ahvaz, Iran

GPA: (18.76/20:00)

Employment

Petrosar LTD, Tehran 2014-2017

Research Institute of Petroleum Industry (RIPI) 2017-2019

Shahid Chamran University of Ahvaz 2019-present

TEST SCORES

TOEFL score: 91/120 (speaking 24, writing 22, listening 26 and reading 19) **April 2013**

GRE score: 305.5 (verbal 149, quantitative 153, writing 3.5) **November 2013**

MCHE score: 84/100 (listening comprehension 23/30, structure 27/30, reading 34/40) **February 2012**

FIELDS OF INTEREST

- Advanced analytical techniques for geochemical characterization of petroleum and rock samples (GC-MS and stable isotopes)
- Comprehensive two-dimensional gas chromatography (GC x GC)
- Basin and petroleum system modeling (BPSM)
- Chemometric classification of oil families and genetic correlations between hydrocarbons and source rocks
- The fate and behavior of petroleum in the environment
- Factors controlling the impacts, rates and extents of biological alteration in subsurface petroleum reservoirs
- Carbon and phosphorous cycles (past and present) and their role in the earth's climate change
- Application of molecular geochemical parameters (LC, GC, GCMS, and isotopes) in hydrocarbon source rocks and reservoirs geochemical studies

RESEARCH EXPERIENCE

1. Assistant Professor

Shahid Chamran University of Ahvaz, Faculty of Earth Sciences *January 2019-present*

2. Research scientist (Organic geochemist – petroleum system analyst)

Research Institute of Petroleum Industry (RIPI), Tehran, Iran..... *April 2017-January 2019*

3. Basin modeler and organic geochemist in the Pearl Program *May 2012-September 2016*

Project title: *1D Basin and Petroleum System Modeling* in the Persian Gulf; *Blocks A, B/C, D, and E*

Project title: *2D Structural Modeling along 10 regional transects* in the Persian Gulf; *Blocks A, B/C, D, and E*

Project title: *2D Basin and Petroleum System Modeling* along 10 regional transects in the Persian Gulf; *Blocks A, B/C, D, and E*

Project title: *3D structural modeling* in the Persian Gulf; *Blocks A, B/C, D, and E*

Project title: *3D petroleum system modeling in the Persian Gulf; Blocks A, B/C, D, and E*

SELECTED PUBLICATIONS

1. Alizadeh, B., **Alipour, M.**, Hosseini S.H., Jahangard A.A., 2011. Paeoenvironmental reconstruction using biological markers for the Upper Triassic–Middle Jurassic sedimentary succession in Tabas Basin, Central Iran. Organic Geochemistry 42, 431-437. DOI: <https://doi.org/10.1016/j.orggeochem.2011.02.009>
2. Alizadeh B., Khani B., **Alipour M.**, Shayesteh M., Hosseini S.H., 2012. Thermal modeling and organic geochemical appraisal of source rocks within the Aghajari Field, SW Iran. Journal of Sciences, University of Tehran, 2, 1-10. DOI: [10.22059/JGEOPE.2012.29228](https://doi.org/10.22059/JGEOPE.2012.29228)
3. Alizadeh, B., **Alipour, M.**, Habibnia, B., Gandomi-Sani A.R., Khani, B., Shirvani, S., 2015. Organic geochemistry and paleoenvironments of deposition of the Middle Jurassic sediments from the Tabas Basin, Central Iran. Iranian Journal of Oil and Gas Science and Technology 4, 17-34. DOI: [10.22050/IJOGST.2015.8613](https://doi.org/10.22050/IJOGST.2015.8613)

4. Alizadeh, B., **Alipour, M.**, Chehrazi A., Mirzaie, SH., 2017. Chemometric classification and organic geochemical characterization of oils in the Southern Persian Gulf Basin. *Organic Geochemistry* **111**, 67-81. DOI: <https://doi.org/10.1016/j.orggeochem.2017.05.006>
5. **Alipour, M.**, Alizadeh, B., Chehrazi, A., 2017. A thermal maturity analysis of effective Cretaceous petroleum system in the Southern Persian Gulf basin. *Iranian Journal of Oil & Gas Science and Technology* **6**, 1-17. DOI: [10.22050/IJOGST.2017.53898](https://doi.org/10.22050/IJOGST.2017.53898)
6. **Alipour, M.**, Alizadeh, B., Chehrazi, A., Mirzaie, SH., 2019. Combining biodegradation in 2D petroleum system models; application to the Cretaceous petroleum system of the southern Persian Gulf basin. *Journal of Petroleum Exploration and Production Technology* **9**, 2477-2486. DOI: <https://doi.org/10.1007/s13202-019-0716-8>.
7. **Alipour, M.**, Alizadeh, B., Ramos, S., Khani, B., Mirzaie, SH., 2019. Chemometrics-enhanced classification of source rock samples using their bulk geochemical data, Southern Persian Gulf Basin. *Iranian Journal of Oil and Gas Science and Technology* **8**, 1-17. DOI: [10.22050/IJOGST.2019.142950.1469](https://doi.org/10.22050/IJOGST.2019.142950.1469).
8. Alizadeh, B., Jahangard, A.A., **Alipour, M.**, Gandomi-Sani, A.R., 2020. Geochemical evaluation of Khami Group oils in the South Dezful Embayment, Iran. *Journal of Petroleum Exploration and Production Technology*. DOI: <https://doi.org/10.1007/s13202-020-00894-5>
9. Alizadeh, B., Jahangard, A.A., **Alipour, M.**, Gandomi-Sani, A.R., 2020. Genetic classification and geochemical evaluation of oil families in the South Dezful Embayment, southwest of Iran. *Journal of Advanced Applied Geology* **2**, 208-223. DOI: [10.22055/AAG.2020.31504.2053](https://doi.org/10.22055/AAG.2020.31504.2053)
10. Alizadeh, B., Opera, A., Kalani, M., **Alipour, M.**, 2020. Source rock and shale oil potential of the Pabdeh Formation (Middle–Late Eocene) in the Dezful Embayment, southwest Iran. *Geologica Acta* **18**, 1-22. DOI: <https://doi.org/10.1344/GeologicaActa2020.18.15>
11. **Alipour, M.**, Alizadeh, B., Jahangard, A.A., GandomiSani, A.R., 2021. Wildfire events across the Triassic-Jurassic Boundary in Tabas Basin, Central Iran. *International Journal of Coal Science & Technology* **8**, 897-907, DOI: <https://doi.org/10.1007/s40789-021-00436-2>
12. **Alipour, M.**, Alizadeh, B., Mirzaie, Sh., 2021. Tectono-stratigraphic evolution of the Permo-Triassic succession in the Fars platform of Iran: Implications for future exploration of the Paleozoic petroleum system. *Journal of Asian Earth Sciences* **221**, 104945, DOI: <https://doi.org/10.1016/j.jseaes.2021.104945>
13. **Alipour, M.**, Alizadeh, B., Mirzaie, Sh., 2021. Petroleum system analysis of the Paleozoic series in the Fars Platform of Iran. *Journal of Petroleum Science and Engineering* **208**, Part C, 109557, DOI: <https://doi.org/10.1016/j.petrol.2021.109557>
14. **Alipour, M.**, Alizadeh, B., Mirzaie, Sh., Chehrazi, A., 2021. Basin and petroleum system analysis in the southeastern Persian Gulf basin: a 2D basin modeling approach. *Journal of Petroleum Exploration and Production Technology*. DOI: <https://doi.org/10.1007/s13202-021-01310-2>
15. Habibnia, B., Vallipour, O., **Alipour, M.**, 2021. Geochemical Evaluation of Oils from the Asmari Reservoir of the Qale-Nar Oilfield: Implication for Field-Scale Reservoir Compartmentalization. *Iranian Journal of Oil and Gas Science and Technology* **10**, 4, 68-86, DOI: <http://dx.doi.org/10.22050/ijogst.2022.307365.1614>
16. **Alipour, M.**, 2022. Organic facies and paleo-depositional environments of the Aptian – Albian Kazhdumi source rock in the Zagros basin of Iran. *Marine and Petroleum Geology* **145**, 105887, DOI: <https://doi.org/10.1016/j.marpetgeo.2022.105887>
17. Eivazi Nejad, Z., Alizadeh, B., **Alipour, M.**, 2022. Evaluation of hydrocarbon potential and depositional environments of the Laffan Formation in the Binak Oilfield. *Journal of Advanced Applied Geology* **12**, 557-572, DOI: [10.22055/AAG.2022.39631.2269](https://doi.org/10.22055/AAG.2022.39631.2269).

18. **Alipour, M.**, 2023. Collision along irregular plate margin controlled the tectono-stratigraphic evolution of the Iranian Zagros fold and thrust belt. Marine and Petroleum Geology 154, 106311, DOI: <https://doi.org/10.1016/j.marpetgeo.2023.106311>.
19. Amiri, S., **Alipour, M.**, 2023. Organic geochemical Evaluation of the Pabdeh Formation in the Siah-Makan Oilfield using Rock-Eval pyrolysis and organic petrographic methods. Advanced Applied Geology 13, 782-793. DOI: [10.22055/AAG.2023.43214.2349](https://doi.org/10.22055/AAG.2023.43214.2349).
20. Amiri, S., **Alipour, M.**, 2023. Organic facies and organic petrographic characteristics of the Pabdeh Formation in the Kilur-Karim Oilfield, SW Iran. Journal of Stratigraphy and Sedimentology Researches 39, 1-14. DOI: <https://doi.org/10.22108/jssr.2023.139363.1270>.
21. Khazami, M., **Alipour, M.**, 2023. Combining Rock-Eval pyrolysis and organic petrographic techniques to study the organic facies of the Pabdeh Formation in the Rag-e-Sefid Oilfield, SW Iran. Advanced Applied Geology, DOI: [10.22055/AAG.2023.43221.2350](https://doi.org/10.22055/AAG.2023.43221.2350).

PRESENTATIONS IN SCIENTIFIC MEETINGS

1. **Alipour, M.**, Alizadeh, B., Hosseini, S.H., Jahangard, A.A., 2010. Determining level of thermal maturity and depositional condition of the Baghamshah Formation by using gas chromatography results. 27th Symposium on Geosciences and 13th Symposium on Geological Society of Iran, February 20-22, **2010**, Tehran, Iran.
2. Jahangard A.A., Alizadeh, B., **Alipour, M.**, Hosseini, S.H., 2010. Organic facies of a Carboniferous possible source rock from Central Iran based on biomarker data. 72nd EAGE Conference & Exhibition incorporating SPE Europe, June 6-9, **2010**, Barcelona, Spain.
3. Alizadeh, B., **Alipour, M.**, Hosseini, S.H., Jahanagard, A.A., 2010. Geochemical characteristics of Triassic-Jurassic boundary in Tabas Basin, Central Iran. 63rd Geological Congress of Turkey, April 5-9, **2010**, Ankara, Turkey.
4. **Alipour, M.**, Alizadeh, B., Hosseini, S.H., 2010. Geochemical evaluation of Nayband and Shemshak formations as possible source rocks in Tabas Basin, Central Iran. The First International Applied Geological Congress, April 26-28, **2010**, Mashhad, Iran.
5. **Alipour, M.**, Mirzaie, S., Shakib, S., HassanPour, J., Mohebbi, A.R., Alizadeh, B., 2014. A new approach to visualize molecular organic geochemical data in basin modeling software. First EAGE workshop on basin & petroleum system modeling, 19-22 October **2014**, Dubai, UAE.
6. **Alipour, M.**, Alizadeh, B., Chehrazi, A., Mirshahani, M., Khani, B., 2016. Sequence stratigraphic control on active petroleum system in the eastern Block A, Persian Gulf. The 1st International Conference on Science and Basic Research, 4 February **2016**, Kharazmi Higher Institute of Science & Technology, Shiraz, Iran.
7. **Alipour, M.**, Alizadeh, B., Chehrazi, A., Mirzaie, SH., Shakib, S., Khani, B., Ramos, S., 2016. Descriptive source rock quality mapping based on chemometric classification of bulk geochemical data, Southern Persian Gulf basin. 78th EAGE Conference & Exhibition, 30 May-2 June **2016**, Vienna, Austria.
8. Alizadeh, B., **Alipour, M.**, Chehrazi, A., Mirshahani, M., Khani, B., 2016. Bulk geochemical data classification using decision-tree chemometrics, case study from the Persian Gulf basin. The 34th National and 2nd International Geoscience Congress, 22-24 February **2016**, Tehran, Iran.
9. **Alipour, M.**, 2024. Paleo-depositional environments of phosphatic marls of the Pabdeh Formation in Kuh-e-Bangestan Section. 8th Symposium of Sedimentological Society of Iran, 31 January – 1 February 2024, Hormozgan University, Bandar Abbas, Iran.

BOOKS

Alipour, M., 2021. Success in college for petroleum geology students, 132 pages.

Alipour, M., 2023. Fundamentals of basin and petroleum system modeling, 268 pages.

TRAINING AND WORKSHOPS

- ❖ 3D basin and petroleum system modeling workshop using TemisFlow® 2015, held by Beicip-Franlab in Tehran (**August, 2016**)
- ❖ 3D structural modeling workshop using TemisFlow®, held by Petrosar Technology Ltd. in Tehran (**October, 2016**)
- ❖ 2D structural modeling workshop using TemisFlow®, held by Petrosar Technology Ltd. in Tehran (**January 2015**)
- ❖ "The Art of Science Tour" workshop held by EAGE (instructor Prof. Roel Snieder), organized by the Iranian Geophysical Society, Tehran (**15 February 2015**)
- ❖ 2D basin and petroleum system modeling workshop using TemisFlow® 2013, held by Beicip-Franlab in Tehran (**July 2014**)
- ❖ Basin and petroleum system modeling workshop using TemisFlow® 2013 Software, held by Beicip-Franlab in Tehran (**15-29 November, 2013**)
- ❖ Facies modeling and risk analysis using Dionosis® and Qubs® Software, held by Petrosar Technology Ltd. in Ahvaz (National Iranian South Oil Company), Attended as the instructor of the first session (**4-9th May 2013**)
- ❖ Basin modeling workshop using TemisFlow®, held by Petrosar Technology Ltd. in Ahvaz (National Iranian South Oil Company), Attended as the instructor of 1D session (**8-13th December 2012**)
- ❖ Basin modeling workshop using TemisFlow®, held by Beicip-Franlab in Tehran (**21-26 August 2012**)
- ❖ "First EAGE workshop on basin and petroleum system modeling" held by the EAGE in Dubai (**19-24 October 2014**)

ACHIEVEMENTS AND AWARDS

- Receiving the first PhD diploma in petroleum geology in Iran **2017**
Being the first student in Iran to receive a PhD degree in the field of petroleum geology
- Winner of the international competition for the "second EAGE bootcamp" **2016**
Winner of EAGE bootcamp for seismic imaging of the Dibba Fault zone
- Winner of the Geochem-Quiz-2016 international competition organized by USG Woodlands **2016**
Achieving best score in international geochemistry quiz of 2016
- Top ranking in the PhD national entrance exam **2012-2013**
Ranked the 3rd in PhD national entrance exam
- Top ranking MSc student in faculty of Earth Sciences **2008-2010**

Placed the 3rd among the petroleum geology students of Shahid Chamran University

- Winner of the first place in the Exceptional Talents Group **2004-2007**
Best BS student of the Exceptional Talents Group in University of Tabriz
 - Top ranking student of the Geology Department (BS) **2003-2007**
Winner of the first place among students of geology
 - Elected as the best student in the University of Tabriz **2006**
Winner of the award for best student (BS) from University of Tabriz
 - Outstanding student in Faculty of Sciences **2006**
Distinguished student of the Faculty of Sciences in University of Tabriz
-

LABORATORY SKILLS

- **Analytical Techniques:** Familiar with Column chromatography, Gas chromatography (GC), GCMS and Soxhlet extraction. Capable of interpreting various biomarker parameters from oil and rock extracts.
 - **Technical Software Capabilities:** Professionally experienced with **TemisFlow®-2015** in 1D, 2D, and 3D modeling, Experienced with **Petrel**, Professionally familiar with **Pirouette®4.5**-Infometrix, Professionally experienced with **Easy-Trace®**
 - **Other Laboratory Techniques:** Rock-Eval pyrolysis, Organic Petrography under reflected/transmitted light and Sample Preparation.
-

PROFESSIONAL MEMBERSHIP

- ❖ Member of the “Gifted and Talented Students Organization” of Tabriz University (2004-2007)
 - ❖ Member of the Geological Survey of Iran (since 2007)
 - ❖ Professional membership in the Ministry of Industry and Mine (since 2004)
 - ❖ Member of the European Association of Geoscientists and Engineers (EAGE) (since 2014)
-

Social media:

LinkedIn: <https://www.linkedin.com/in/majid-m-alipour-a5306646>

Research Gate: https://www.researchgate.net/profile/Majid_Alipour4

Department of Petroleum Geology and Sedimentary Basins:

<https://earth.scu.ac.ir/en/%D8%A7%D8%B9%D8%B6%D8%A7%DB%8C-%D9%87%DB%8C%D8%A7%D8%AA-%D8%B9%D9%84%D9%85%DB%8C>
