

CURRICULUM VITAE

Majid Ghaderi

Date of Birth: 1966
Place of Birth: Tehran, Iran
Nationality: Iranian
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Languages: English, Persian
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2018- Professor of Economic Geology and Geochemistry
2012-2018 Associate Professor of Economic Geology and Geochemistry
2000-2012 Assistant Professor of Economic Geology and Geochemistry

ResearchGate (RG): <https://www.researchgate.net/profile/Majid-Ghaderi-2>
RG Research Interest Score: 3552 Citations: 2700 h-index: 28
Scopus: <https://www.scopus.com/authid/detail.uri?authorId=7003454307>
Documents: 83 Citations: 2143 h-index: 27
Google Scholar: <https://scholar.google.com/citations?hl=en&pli=1&user=ZjsBzlAAAAAJ>
Citations: 3225 h-index: 30 i10-index: 56
Web of Science ResearcherID: F-1262-2017
Web of Science: <https://www.webofscience.com/wos/author/record/487194>
Publications: 78 Citations: 1889 h-index: 25
Verified reviews: 83 Editor records: 8

Education

1998 Ph.D. (Australian National University (ANU), Canberra, Australia). Thesis title:
“Sources of Archaean gold mineralisation in the Kalgoorlie-Norseman region of
Western Australia, determined from strontium-neodymium isotopes and trace
elements in scheelite and host rocks”
1992 M.Sc. (Shahid Beheshti University, Tehran, Iran)
1989 B.Sc. (Shahid Beheshti University, Tehran, Iran)

Administrative and Editorial Responsibilities

2024- Dean of the Faculty and Deputy Dean of Administrative and Financial Affairs of the
Faculty of Basic Sciences, Tarbiat Modares University
2022- Review Editor, Frontiers in Geochemistry (Mineral Geochemistry section)
2020- Editorial Board, Journal of the Iranian Mining Engineering Organization
2019- Review Editor, Frontiers in Earth Science (Economic Geology section)
2019- Editorial Board, Scientific Quarterly Journal of Geosciences, Geological Survey and
Mineral Exploration of Iran
2014- Editorial Board, Kharazmi Journal of Earth Sciences, Kharazmi University
2014- Editorial Board, Journal of Economic Geology, Ferdowsi University of Mashhad
2006- Member of the Geology Group, Iranian Academy of Persian Language and Literature
2006-2024 Deputy Dean of Administrative and Financial Affairs, Faculty of Basic Sciences,
Tarbiat Modares University
2005-2008, 2019-2023 Head of Economic Geology Group, Tarbiat Modares University
2010-2018 Board of Directors, Geological Society of Iran

2010-2014	Board of Directors, Iranian Society of Economic Geology
2005-2008	Head of Economic Geology Group, Tarbiat Modares University
2002-2005	Head of Computer Center, Faculty of Basic Sciences, Tarbiat Modares University

Membership of Scientific Societies:

Society of Economic Geologists (SEG)
 Geochemical Society (GS)
 Asia Oceania Geosciences Society (AOGS)
 Geological Society of Iran (GSOI)
 Iranian Society of Economic Geology (ISEG)
 Iranian Society of Crystallography and Mineralogy (ISCM)
 Iranian Society of Mining Engineering (ISME)

Referee for Journal Articles Submitted to:

Ore Geology Reviews
 Geochimica et Cosmochimica Acta
 International Geology Review
 Chemical Geology
 Journal of Geochemical Exploration
 Journal of the Geological Society
 Journal of Asian Earth Sciences
 Frontiers in Earth Science
 International Journal of Environmental Science and Technology
 Journal of African Earth Sciences
 Geological Journal
 Geochemistry
 Minerals
 Geofluids
 Physics and Chemistry of the Earth
 Geological Quarterly
 Neues Jahrbuch für Mineralogie - Abhandlungen
 Journal of Sciences of the Islamic Republic of Iran
 Iranian Journal of Science and Technology
 Geopersia
 Iranian Journal of Science and Technology
 Iranian International Journal of Science

Courses Taught:

Exploration, Mining, and Environmental Impacts	PhD
Geochemistry of Hydrothermal Fluids	PhD
Geochemistry of Rare Earth and Trace Elements	PhD
Isotope Geochemistry of Ore Deposits	PhD
Ore Mineralization in Potassic Igneous Rocks	PhD
Stable Isotope Geochemistry	PhD
Advanced Geochemistry	MSc
Application of Isotopes in Economic Geology	MSc
Estimation and Evaluation of Ore Reserves	MSc
Exploration Geochemistry	MSc
Geochemistry of Hydrothermal Ore Deposits	MSc
Geochronology	MSc
Isotope Geology	MSc
Magmatic and Magmatic-Hydrothermal Ore Deposits	MSc
Methods of Geological Sample Analysis	MSc
Methods of Mining Sample Analysis	MSc
Principles of Geochemical Exploration	MSc

Economic Geology	BSc
Mineralography	BSc
Physical Geology	BSc
Subsurface Geology	BSc

Research Interests:

Economic Geology
Isotope and Trace Element Geochemistry
Exploration Geochemistry

PUBLICATIONS:

BOOKS:

Ghaderi, M., Yasami, N., Mousavi Motlagh, S.H., 2023. Epithermal Deposits of Iran. Tarbiat Modares University Publications, in Persian with English abstract, 2 vols., 862 p.
Ghaderi, M., Yasami, N., Boveiri-Konari, M., 2018 (1st ed.), 2021 (2nd ed.). Porphyry Copper Deposits of Iran. Tarbiat Modares University Publications, in Persian with English abstract, 670 p.

JOURNAL PAPERS:

*** ISI papers**

- * 146) Yousefi, M., Nezafati, N., Rashidnejad-Omran, N., Lotfi, M., Afzal, P., Ghaderi, M., 2027. Evolution of ore-forming fluids at the Hesar gold deposit, NW Iran: Constraints from fluid inclusions and stable isotopes (O,S). *Iranian Journal of Earth Sciences* 19(1)
- 145) Shahabinejad, A., Tajeddin, H., Ghaderi, M., 2026. Magmatic evolution of volcanic rocks and subvolcanic dikes in the Gishoun deposit, northwest of Bam; based on petrographic and geochemical evidence. *Petrological Journal*, University of Isfahan 17.
- * 144) Zhang, J., Li, H., Chen, S., Ghaderi, M., Ren, W., Guan, A., Hou, Y., 2026. Constraints of trace elements of quartz on the origin of the Guanyintang antimony deposit, Western Hunan, South China. *Journal of Asian Earth Sciences* 309, 107173, DOI: 10.1016/j.jseaes.2026.107173
- * 143) Mirzaei Moghadam, H., Afzali, S., Ahmadi Khalaji, A., Aliabadi, M.A., Ghaderi, M., Eskandarnia, P., 2026. Zircon U-Pb ages, whole-rock chemistry, and Sr-Nd isotope of gabbroic bodies in the Noorabad area, western Iran: Implications for petrogenesis and tectonic setting. *Journal of Asian Earth Sciences* 308, 107144, DOI: 10.1016/j.jseaes.2026.107144
- * 142) Li, X., Li, H., Hou, Y., Wang, R., Ghaderi, M., Zhou, Z., Wen, C., Chen, S., 2026. Fluid source and evolutionary processes of the Jinkeng and Huanggou gold deposits, southwestern Hunan, South China: Constraints from pyrite and arsenopyrite chemistry and quartz HO isotopes. *Geochemistry* 86(2), 126417, DOI: 10.1016/j.chemer.2026.126417
- * 141) Shirkhani, M., Ghaderi, M., Rashidnejad-Omran, N., 2026. Petrophysical properties of the Lakkeh-Siah iron oxide-apatite mineralization and host rocks. *Ore Geology Reviews* 189, 107146, DOI: 10.1016/j.oregeorev.2026.107146
- * 140) Shahabinejad, A., Tajeddin, H., Ghaderi, M., 2026. Geology and genesis of the Siahouki intermediate-sulfidation epithermal Cu-Au-Ag deposit, SE Iran: Constraints from fluid inclusions and S-O-C isotopes. *Journal of the Geological Society* 183(2), jgs2025-111, DOI: 10.1144/jgs2025-111
- * 139) Kashani, H., Ghaderi, M., 2026. Magmatic-hydrothermal evolution of the Gorouh porphyry Cu-(Mo) deposit in the Kerman copper belt, southeastern Iran. *Journal of the Geological Society* 183(2), jgs2025-078, DOI: 10.1144/jgs2025-078
- * 138) Maghfouri, S., Rastad, E., Momenzadeh, M., Movahednia, M., Hashempour, S.S., Amini Jadehkenary, K., Ghaderi, M., Boveiri Konari, M., Izanloo, J., Yarmohammadi, A., Peernajmodin, H., Fadaei Shendi, M.J., Mohajjel, M., Aghamolaei, K., 2025. Malayer-Esfahan Metallogenic Belt, Iran: Jurassic-Early Cretaceous sediment-(volcanic) hosted Zn-Pb ($\pm$ Ba $\pm$ Ag), Fe-Mn-Pb ($\pm$ Ba $\pm$ Cu) and Ba ($\pm$ Pb $\pm$ Zn) deposits with evolution of basin. *Journal of the Geological Society* 182(6), jgs2024-28, DOI: 10.1144/jgs2024-28

- 137) Hassanshahi, J., Ghaderi, M., Tajeddin, H., 2025. Petrology and geochemistry of igneous rocks and their relationship with mineralization in Talahouieh area, north of Bam, Urumieh-Dokhtar magmatic arc. *Petrological Journal*, University of Isfahan 16(4), Serial no. 64, 83–110, in Persian with English extended abstract, DOI: 10.22108/ijp.2026.147520.1377
- 136) Torabi, A., Ghaderi, M., Tajeddin, H., Ahmadi-Khounsaraki, V., 2025. Remote sensing study of the Tappeh-Morgaris area in the west of Yazd using ASTER images: Economic geology point of view. *Journal of Geological Remote Sensing* 3(1), 40–55, in Persian with English extended abstract, DOI: 10.48306/jgrs.2025.531643.1015
- * 135) Shirkhani, M., Ghaderi, M., Rashidnejad-Omran, N., 2025. **Hyperspectral vs. multispectral remote sensing: ASTER and PRISMA performance in mapping IOA deposits in the Bafq mining district, Iran.** *Ore Geology Reviews* 186, 106923, DOI: 10.1016/j.oregeorev.2025.106923
- * 134) Yasami, N., Mousavi Motlagh, S.H., Ghaderi, M., 2025. **Stable isotope, fluid inclusion, and petrological-mineralogical features of epithermal deposits in the structural zones of Iran: A review.** *Ore Geology Reviews* 186, 106851, DOI: 10.1016/j.oregeorev.2025.106851
- 133) Ahmadi, M., Ghaderi, M., Tajeddin, H., Harati, H., 2025. Geology, mineralogy, and study of fluid inclusions in the Saryazd Cu-Pb-Zn deposit, southeast Yazd. *Journal of Advanced Applied Geology (JAAG)*, Shahid Chamran University of Ahvaz, Iran, in Persian with English extended abstract 15(3), 241–269, DOI: 10.22055/aag.2025.49265.2506
- * 132) Chen, Y., Li, H., Jiang, W., Ghaderi, M., Maulana, A., Ouyang, L., Liu, K., 2025. **Genesis of the Langwashan Fe deposit, NW China: Constraints from pyrite and magnetite geochemistry, and in-situ Rb-Sr dating.** *Geochemistry* 85(3), 126284, DOI: 10.1016/j.chemer.2025.126284
- 131) Arab-Zozani, D., Tajeddin, H., Ghaderi, M., 2025. Geology, mineralogy, geochemistry, and fluid inclusion study of the West of Golestanabad iron oxide-apatite deposit, northeast of Zanjan. *Quarterly Iranian Journal of Geology* 19(73), 23–45, in Persian with English abstract.
- * 130) Guan, A., Li, H., Ghaderi, M., Cao, H., Gao, Sh., Ouyang, P., Wang, Q., Zhang, D., Mao, Y., 2025. **Ore-controlling structures of granite-related uranium deposits in South China: A review.** *Open Geosciences* 17(1), 20250871, DOI: 10.1515/geo-2025-0871
- * 129) Phyto, A.P., Li, H., Hu, X.J., Ghaderi, M., Myint, A.Z., Faisal, M., 2025. **Geology, geochemistry, and zircon U-Pb geochronology of the Nanthila and Pedet granites in the Myeik Sn-W district, Tanintharyi region, southern Myanmar.** *Ore Geology Reviews* 178, 106488, DOI: 10.1016/j.oregeorev.2025.106488
- * 128) Luo, Z., Li, H., Ghaderi, M., Zhu, D., Jiang, W., Wu, J., 2025. **A review of W and Sn isotopes and insights into their emerging applications in ore deposit geology.** *International Geology Review* 67(3), 381–404, DOI: 10.1080/00206814.2024.2392255
- * 127) Zhou, Z., Li, H., Li, X., Ghaderi, M., Hou, Y., Wang, R., 2024. **Genesis of gold mineralization in southwestern Hunan, South China: Evidence from ore-hosted zircon geochronology and geochemistry.** *Ore Geology Reviews* 175, 106340, DOI: 10.1016/j.oregeorev.2024.106340
- 126) Hassanshahi, J., Ghaderi, M., Tajeddin, H., 2024. Enhancement of hydrothermal alteration zones and their relationship with faults using satellite images in the Talahouieh polymetallic deposit, north of Bam. *Journal of Geological Remote Sensing* 2(1), 78–95, in Persian with English extended abstract, DOI: 10.48306/jgrs.2025.535382.1019
- 125) Shahabinejad, A., Tajeddin, H., Ghaderi, M., 2024. Petrography and geochemistry of volcanic rocks from the Siahouki Cu-Au prospect area: An example of deposits associated with shoshonitic host rocks from north of Bam. *Petrological Journal*, University of Isfahan 15(3), Serial no. 59, 89–112, in Persian with English extended abstract, DOI: 10.22108/ijp.2024.141708.1335
- * 124) Fazli, N., Ghaderi, M., Tajeddin, H., Movahednia, M., 2024. **Genesis of the Hajibolagh-Zalibolagh Cu-(Ag) intermediate-sulfidation epithermal deposit, Urumieh-Dokhtar magmatic arc, Iran: Evidence from ore geology, fluid inclusions, and stable isotopes.** *Ore Geology Reviews* 169, 106086, DOI: 10.1016/j.oregeorev.2024.106086
- * 123) Moradiani, Z., Ghaderi, M., Tajeddin, H., Alfonso, P., 2024. **Genesis of the Mahour base metal deposit, Iran: Constraints from fluid inclusions and sulfur isotopes.** *Minerals* 14(4), 435, DOI: 10.3390/min14040435
- * 122) Mousavi Motlagh, S.H., Ghaderi, M., Yasami, N., González, F.J., 2024. **Trace and minor elements in the ore minerals: An assessment of geochemical distribution in overprinting epithermal on porphyry mineralization at Chodarchay, NW Iran.** *Ore Geology Reviews* 168, 106015, DOI: 10.1016/j.oregeorev.2024.106015

- * 121) Madayipu, N., Li, H., Elatikpo, S.M., Ghaderi, M., Heritier, R.N., Hu, X.J., Zheng, H., Wu, Q.H., 2024. Tracing fluid exsolution and hydrothermal alteration signature of the Mufushan Nb-Ta-(Li-Be-Cs) deposit, South China: An apatite perspective. *Journal of the Geological Society* 181(3), jgs2023-087, DOI: 10.1144/jgs2023-087
- * 120) Ouyang, L., Zhou, J., Li, H., Ghaderi, M., Sun, W., Xie, Y., Li, X., 2024. Process mineralogy of lithium and rubidium in the Diantan polymetallic mining area, Tengchong, southwest China. *Minerals* 14(4), 369, DOI: 10.3390/min14040369
- * 119) Chen, Y., Li, H., Halassane, N., Ghaderi, M., Gu, S., Wang, Y., Li, D.D., 2024. Pyrite geochemistry reveals the key controlling factors of large gold deposit formation in Jiaodong Peninsula: A comparative study. *Ore Geology Reviews* 165, 105934, DOI: 10.1016/j.oregeorev.2024.105934
- * 118) Oyman, T., Zaw, K., Ghaderi, M., Lai, C.-K., 2024. Editorial: Orogenic gold deposits. *Frontiers in Earth Science* 11, 1345511, DOI: 10.3389/feart.2023.1345511
- * 117) Mohammaddoost, H., Ghaderi, M., Kumar, T. Vijaya, Hassanzadeh, J., Alirezaei, S., Babu, E.V.S.S.K., 2023. Geology, mineralization, zircon U-Pb geochronology and Hf isotopes of Serenu porphyry copper prospect, Kerman Cenozoic magmatic arc, southeastern Iran. *Ore Geology Reviews* 159, 105540, DOI: 10.1016/j.oregeorev.2023.105540
- * 116) Madayipu, N., Li, H., Ghaderi, M., Tamehe, L.S., Zhou, H.X., Wu, Q.H., Zheng, H., Chen, Y.L., Kang, F., 2023. Contrasting Nb-Ta mineralization between the Mufushan and Lianyungshan granites, South China: Evidence from whole-rock and zircon geochemistry and geochronology. *Ore Geology Reviews* 158, 105487, DOI: 10.1016/j.oregeorev.2023.105487
- * 115) Zhou, Z., Li, H., Zhu, H., Ghaderi, M., Ouyang, L., 2023. Geochronology and geochemistry of ore-hosted zircon reveal the genesis of typical Sb-(Au-W) deposits in South China. *Ore Geology Reviews* 155, 105358, DOI: 10.1016/j.oregeorev.2023.105358
- 114) Firouzbakht, M., Ghaderi, M., Tajeddin, H., 2023. Lithology and tectonomagmatic setting of volcanic and plutonic rocks from the Lak area, southwest Buin Zahra, NW Iran. *Petrological Journal, University of Isfahan* 13(4), Serial no. 52, 127–146, in Persian with English extended abstract, DOI: 10.22108/ijp.2023.133697.1278
- 113) Yasami, N., Ghaderi, M., Mousavi Motlagh, S.H., Mokhtari, M.A.A., 2022. Application of mineral chemistry in determining magma fertility of the Tarom northern and southern intrusions, NW Iran. *Iranian Journal of Earth Sciences* 14(4), 285–300, DOI: 10.30495/ijes.2021.685392
- * 112) Movahednia, M., Maghfouri, S., Fazli, N., Rastad, E., Ghaderi, M., González, F.J., 2022. Metallogeny of Manto-type Cu-(Ag) mineralization in Iran: Relationship with Neo-Tethyan evolution and implications for future exploration. *Ore Geology Reviews* 149, 105064, DOI: 10.1016/j.oregeorev.2022.105064
- * 111) Izanloo, J., Maghfouri, S., Rastad, E., Ghaderi, M., 2022. Geological, fluid inclusion microthermometry and geochemical constraints on the ankeritic-sideritic iron deposits in the Delijan mining district, Malayer-Esfahan metallogenic belt, Iran. *Ore Geology Reviews* 145, 104910, DOI: 10.1016/j.oregeorev.2022.104910
- * 110) Fazli, N., Ghaderi, M., Movahednia, M., Li, J.W., Lentz, D.R., Yan, S., 2022. Geology and genesis of the North Narbaghi Cu-Ag deposit in the Urumieh-Dokhtar magmatic arc, Iran: Fluid inclusion and stable isotope constraints. *Ore Geology Reviews* 144, 104801, DOI: 10.1016/j.oregeorev.2022.104801
- * 109) Heidari, S.M., Afzal, P., Ghaderi, M., Sadeghi, B., 2021. Detection of mineralization stages using zonality and multifractal modeling based on geological and geochemical data in the Au-(Cu) intrusion-related Gouzal-Bolagh deposit, NW Iran. *Ore Geology Reviews* 139, 104561, DOI: 10.1016/j.oregeorev.2021.104561
- 108) Jiba, Z., Ghaderi, M., Maghfouri, S., 2021. Geology, mineralogy, and fluid inclusion studies of the Yamaghan Manto-type Cu(Ag) deposit, southeast Zanjan, NW Iran. *Journal of Advanced Applied Geology (JAAG), Shahid Chamran University of Ahvaz, Iran*, in Persian with English extended abstract 11(3), no. 41, 594–615, DOI: 10.22055/aag.2021.34764.2157
- 107) Fazli, N., Ghaderi, M., Movahednia, M., Maghfouri, S., 2021. Manto-type copper mineralization in the central part of the Urumieh-Dokhtar magmatic arc (Qom-Saveh region) with emphasis on the East Narbaghi deposit, northeast Saveh. *Quarterly Iranian Journal of Geology* 15 (59), 69–90, in Persian with English abstract.
- * 106) Mousavi Motlagh, S.H., Ghaderi, M., Yasami, N., 2021. Porphyry-type mineralization associated with epithermal deposits in the Tarom metallogenic belt of NW Iran: Constraints from fluid inclusions. *Journal of Geochemical Exploration* 223, 106724, DOI: 10.1016/j.gexplo.2021.106724

- 105) Shahbazi, S., Ghaderi, M., Afzal, P., 2021. Prognosis of gold mineralization phases by multifractal modeling in the Zehabad epithermal deposit, NW Iran. *Iranian Journal of Earth Sciences* 13(1), 31–40, DOI: 10.30495/ijes.2021.678957
- * 104) Kouhestani, H., Ghaderi, M., Afzal, P., Zaw, K., 2020. Classification of pyrite types using fractal and stepwise factor analyses in the Chah Zard gold-silver epithermal deposit, central Iran. *Geochemistry: Exploration, Environment, Analysis* 20(4), 496–508, DOI: 10.1144/geochem2020-031
- 103) Ghavi, J., Karimpour, M.H., Mazaheri, S.A., Ghaderi, M., Rahimi, B., 2020. Geology, petrology, geochemistry and geochronology of Tarik Darreh plutonic rocks, northeastern Iran. *Journal of Economic Geology*, in Persian with English extended abstract 12(2), 203–225, DOI: 10.22067/econg.v12i2.69021
- * 102) Khaksar, T., Rashidnejad-Omran, N., Chen, F., Song, Sh.-G., Li, Sh.-Q., Ghaderi, M., 2020. Zircon U-Pb ages and magmatic history of the Kashan plutons in the central Urumieh-Dokhtar magmatic arc, Iran: Evidence for Neotethyan subduction during the Paleogene-Neogene. *Journal of Earth Science* 31(1), 53–68, DOI: 10.1007/s12583-020-1258-1
- * 101) Mousavi Motlagh, S.H., Ghaderi, M., Mokhtari, M.A.A., Yasami, N., 2019. Geochemical constraints on the origin and tectonic setting of Chargar intrusions in the Alborz orogenic belt, NW Iran. *Journal of Earth System Science* 128(8), 224, DOI: 10.1007/s12040-019-1251-1
- * 100) Shahbazi, S., Ghaderi, M., Alfonso, P., 2019. Mineralogy, alteration and sulfur isotope geochemistry of the Zehabad intermediate-sulfidation epithermal deposit, NW Iran. *Turkish Journal of Earth Sciences* 28(6), 882–901, DOI: 10.3906/yer-1902-1
- * 99) Mousavi Motlagh, S.H., Ghaderi, M., Yasami, N., Alfonso, P., 2019. Stable isotope geochemistry of Chargar epithermal deposit: Constraints on epithermal systems in the Tarom metallogenic belt, NW Iran. *Journal of Geochemical Exploration* 205, 106331, DOI: 10.1016/j.gexplo.2019.06.013
- 98) Samiee, S., Ghaderi, M., Zirjanizadeh, S., 2019. Geochemistry, fluid inclusion, and sulfur isotopes studies of hydrothermal breccia gold mineralization in the Khunik area, Khorasan Jonoubi province, Iran. *Journal of Economic Geology*, in Persian with English extended abstract 11(3), 473–495, DOI: 10.22067/econg.v11i3.71480
- 97) Kaboodi, Z., Ghaderi, M., Rastad, E., 2019. Mineralogy, texture, and structure and genetic model of the Kahak Manto-type copper deposit in the Eocene volcano-sedimentary sequence, south Qom. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract 29, no. 113, 145–154, DOI: 10.22071/gsj.2018.99677.1273
- * 96) Yasami, N., Ghaderi, M., Taghilou, B., 2019. Heavy metal assessment in stream sediments from the rivers passing through the mining area. *International Journal of Environmental Science and Technology* 16(8): 4355–4374, DOI: 10.1007/s13762-018-1840-6
- 95) Fazli, N., Ghaderi, M., Lentz, D., Li, J.W., 2019. Geology, alteration, mineralization, and geochemistry of the North Narbaghi epithermal Ag-Cu deposit, northeast Saveh. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract 28, no. 112, 13–22, DOI: 10.22071/gsj.2018.97142.1246
- * 94) Mousavi Motlagh, S.H., Ghaderi, M., 2019. The Chargar Au-Cu deposit: an example of low-sulfidation epithermal mineralization from the Tarom subzone, NW Iran. *Neues Jahrbuch für Mineralogie (Journal of Mineralogy and Geochemistry)* 196(1), 43–66, DOI: 10.1127/njma/2019/0158
- 93) Rahmatian, M., Lotfi, M., Ghaderi, M., 2019. Geochemistry of Joun Abad manganese deposit, north Khash, Sistan and Baluchestan province. *Journal of Economic Geology*, in Persian with English extended abstract 11(1), 81–103, DOI: 10.22067/econg.v11i1.52594
- 92) Badfar, M., Jannesary, M.R., Hosseinzadeh, R., Ghaderi, M., 2019. Geochemical- heavy mineral exploration and determination of promising ore-bearing areas in the Qare-Naz 1:50,000 sheet, Zanjan province. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract 28, no. 111, 121–132, DOI: 10.22071/gsj.2019.88157
- * 91) Yasami, N., Ghaderi, M., 2019. Distribution of alteration, mineralization and fluid inclusion features in porphyry – high sulfidation epithermal systems: The Chodarchay example, NW Iran. *Ore Geology Reviews* 104, 227–245, DOI: 10.1016/j.oregeorev.2018.11.006
- * 90) Yasami, N., Ghaderi, M., Mokhtari, M.A.A., Mousavi Motlagh, S.H., 2018. Petrogenesis of the two phases of intrusive rocks at Chodarchay, NW Iran: using trace and rare earth elements, NW Iran. *Arabian Journal of Geosciences* 11(20), 605, DOI: 10.1007/s12517-018-3942-3
- 89) Mohammadzadeh, Z., Ghaderi, M., Alirezai, S., Hassanzadeh, J., 2018. Geology, hydrothermal alteration, and mineralization at Razi Abad porphyry copper deposit in the south of Kerman copper belt, southeastern Iran. *Scientific*

Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran, in Persian with English abstract 28, no. 109, 175–186, DOI: 10.22071/gsj.2018.80135

- 88) Khodabandelloo, Z., Ghaderi, M., Rastad, E., 2018. Mineralogy, texture, and structure, and formation stages of the Golijeh intermediate-sulfidation epithermal deposit in the Tarom subzone of the western Alborz – Azerbaijan zone. *Journal of Advanced Applied Geology (JAAG)*, Shahid Chamran University of Ahvaz, Iran, in Persian with English extended abstract 8(2), no. 28, 9–20, DOI: 10.22055/aag.2018.24286.1802
- * 87) Yasami, N., Ghaderi, M., Alfonso, P., 2018. Sulfur isotope geochemistry of the Chodarchay Cu-Au deposit, Tarom, NW Iran. *Neues Jahrbuch für Mineralogie (Journal of Mineralogy and Geochemistry)* 195(2), 101–113, DOI: 10.1127/njma/2018/0097
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- 59) K. Shakib Geology, mineralogy, geochemistry, and genesis of the Barik-Ab Pb-Zn-(Cu) deposit, northeast of Khorramdarreh, NW Iran (MSc, Jan. 2026, Tarbiat Modares University)

- 58) M. Shirkhani The study on the petrophysical properties of the host rocks of Lakkeh-Siah iron oxide–apatite deposit and its application in distinguishing alteration, as well as structural and mineralization controllers (PhD, Dec. 2025, Tarbiat Modares University)
- 57) N. Nozari Geology, mineralogy, geochemistry, and genesis of the Morgaris Pb-Cu-Zn deposit, SW Nodoushan (MSc, Dec. 2025, Tarbiat Modares University)
- 56) N. Fazli Geology, geochemistry, origin, and controlling factors for mineralization at Hajibolagh-Zalibolagh Cu-(Ag) deposit, northeast Saveh (PhD, July 2025, Tarbiat Modares University)
- 55) S. Sehati Gharamaleki Geochemistry, alteration and fluid inclusions of the Golestanabad iron deposit, east Zanjan (MSc, Jan. 2024, Tarbiat Modares University)
- 54) S.Z. Vaghefi Linkage between alteration facies and mineralization in the Zaker and Eskand iron deposits, east Zanjan (MSc, Jan. 2024, Tarbiat Modares University)
- 53) E. Ghaffari Geology, mineralogy, geochemistry, fluid inclusions, and genesis of Hefdahchenar copper deposit, NE Pariz (MSc, Sep. 2021, Tarbiat Modares University)
- 52) Z. Moradiani Geology, mineralogy, geochemistry, and genesis of the Mahour base metal deposit, NE Badroud (MSc, Sep. 2021, Tarbiat Modares University)
- 51) M. Firouzbakht Geology, mineralogy, geochemistry, and genesis of the Lak polymetallic (Pb-Zn-Ag-Au-Cu) deposit, southwest Buin Zahra (MSc, March 2021, Tarbiat Modares University)
- 50) S. Shahbazi The geochemistry and genesis of Zehabad Pb-Zn-Au-Ag-Cu polymetallic deposit in NW Iran (PhD, Sep. 2020, Tarbiat Modares University)
- 49) T. Davoodi Geology, mineralogy, geochemistry, and genesis of Arasoo iron deposit, northwest Qazvin (MSc, Sep. 2019, Tarbiat Modares University)
- 48) Z. Jiba Geology, mineralogy, geochemistry, and genesis of Yamaghan copper deposit, southeast Zanjan (MSc, June 2019, Tarbiat Modares University)
- 47) S.H. Mousavi Motlagh Geochemistry, genesis, and controlling factors of ore formation and concentration at the Chargar gold-copper deposit, Tarom subzone, southeast Zanjan (PhD, June 2019, Tarbiat Modares University)
- 46) N. Yasami Geology, alteration, geochemistry, and genesis of Chodarchay Cu deposit, Tarom subzone, east Zanjan (PhD, March 2018, Tarbiat Modares University)
- 45) Z. Khodabandeloo Geology, mineralogy, geochemistry, and genesis of Gelijeh Cu (Zn-Pb-Ag) deposit, NE Zanjan, Tarom subzone (MSc, Feb. 2018, Tarbiat Modares University)
- 44) Z. Kaboodi Geology, mineralogy, geochemistry, and genesis of Kahak Cu deposit, south Qom (MSc, Nov. 2017, Tarbiat Modares University)
- 43) H. Mohammaddoost The study of geochemical and isotopic characteristics of mineralizing hydrothermal fluids on productive and barren porphyry systems in Meiduk cluster, Kerman porphyry copper belt (PhD, June 2017, Tarbiat Modares University)
- 42) Z. Mohammadzadeh Genetic modeling of Raziabad porphyry copper system in Jebal Barez, north of Jiroft, and implication of geology, petrology, dating, isotope geochemistry, and fluid inclusions to exploration (PhD, June 2017, Tarbiat Modares University)
- 41) N. Mazhari Geology, mineralization, geochemistry, geochronology, and isotope studies and their compilation with geophysical data in eastern anomalies of Sangan mine, Khaf, Khorasan Razavi province (PhD, Sep. 2016, Ferdowsi University of Mashhad)
- 40) A. Baharvandi Geology, ore mineralogy and genesis of Shekar-Beig barite–copper deposit, southwest of Mahabad, NW Iran (PhD, Feb. 2016, Islamic Azad University, Science and Research Branch)
- 39) S. Samiee Mineralization, petrology, and geophysical studies in Khunik area, south of Birjand (PhD, Jan. 2016, Ferdowsi University of Mashhad)
- 38) N. Fazli Geology, mineralogy, geochemistry, and genesis of North Narbaghi epithermal deposit, NE Saveh (MSc, Sep. 2015, Tarbiat Modares University)
- 37) M.R. Kahrazehi Structural-chemical controlling processes on manganese ore deposits around the Taftan ring structure, north of Khash (PhD, Feb. 2015, Islamic Azad University, North Tehran Branch)
- 36) A. Eslami Mineralogy, geochemistry, and genesis of chromite and platinum group minerals at Cheshmeh-Bid chromite deposit, Neyriz ophiolite (MSc, Feb. 2015, Tarbiat Modares University)
- 35) R. Deevsalar Geochemistry, petrology, and tectono-magmatic evolution of the mafic rocks from Malayer-Boroujerd plutonic complex, western Iran (PhD, Jan. 2015, Tarbiat Modares University)
- 34) S.M. Heidari Geology, geochronology, and source of Touzlar, Arabshah, and Gozalbolagh gold occurrences in Qorveh-Takab region (PhD, Sep. 2013, Tarbiat Modares University)
- 33) G. Nabatian Geology, geochemistry, and evolution of iron oxide - apatite deposits in Tarom volcanoplutonic belt, western Alborz (PhD, Sep. 2012, Tarbiat Modares University)
- 32) H. Kashani Mineralogical, geochemical, and fluid inclusion studies on Gorouh and Sinbad copper prospects, south of Kerman (MSc, July 2012, Tarbiat Modares University)
- 31) M.R. Hosseini Mineralogy, geochemistry, fluid inclusions of Takht-e-Gonbad copper deposit, northeast Sirjan (MSc, July 2012, Tarbiat Modares University)
- 30) H. Kouhestani Geology, alteration, isotope geochemistry, and origin of Chah Zard Ag-Au deposit, SW Yazd (PhD, Sep. 2011, Tarbiat Modares University)
- 29) M.E. Moslempour Petrological, geochemical, and structural studies on Fannuj ophiolitic complex, southwest of Iranshahr, Sistan-va-Balouchestan province (PhD, Sep. 2011, Islamic Azad University, Science and Research Branch)
- 28) M. Salehian Mineralogical, geochemical, and fluid inclusion studies on Daralu porphyry copper deposit, south of Kerman (MSc, Nov. 2010, Tarbiat Modares University)

- 27) S. Shahbazi Mineralogy, geochemistry, and genesis of Bashkand iron deposit, southwest of Soltanieh (MSc, Oct. 2010, Tarbiat Modares University)
- 26) H. Mohammaddoost Mineralogy, geochemistry, and genesis of Qamsar cobalt deposit, south of Kashan (MSc, Sep. 2010, Tarbiat Modares University)
- 25) M.S. Mazhari Mineralogy, geochemistry, and genesis of Ali-Abad – Morvarid apatite-bearing iron deposit, southeast of Zanjan (MSc, July 2010, Tarbiat Modares University)
- 24) Gh. Rostami Geology, geochemistry, and origin of iron mineralization in Baba-Ali and Galali deposits, northwest of Hamedan (PhD, Sep. 2010, Islamic Azad University, Science and Research Branch)
- 23) S.M. Mortazavi Petrogenetic and geochemical studies of granitoidic rocks in relation to mineralization in Nowchun copper deposit (PhD, Sep. 2010, Islamic Azad University, Science and Research Branch)
- 22) T. Jafari Mineralogy, geochemistry, and genesis of Amirnan barite (Pb) deposit, northwest Taleghan (MSc, March 2009, Tarbiat Modares University)
- 21) T. Salehi Mineralogy, geochemistry, and genesis of Gomish-tappeh Zn-Pb (Ag) deposit, southwest of Zanjan (MSc, March 2009, Tarbiat Modares University)
- 20) S. Taki Petrology of Deylaman igneous rocks in Central Alborz (PhD, Feb. 2009, Islamic Azad University, Science and Research Branch)
- 19) Gh. Nabatian Mineralogy, geochemistry, and genesis of Sorkheh-Dizaj iron-apatite deposit, southeast Zanjan (MSc, Sep. 2008, Tarbiat Modares University)
- 18) H. Vatanpour Mineralogy, geochemistry, and structure of chromite deposits in northwest Sabzevar and introducing an exploration model (PhD, June 2008, Shahid Beheshti University)
- 17) V. Akbarzadeh Geochemical exploration for gold and associated elements in Tanguyeh area, northeast Sirjan (MSc, Feb. 2008, Islamic Azad University)
- 16) M. Abdi Lithogeochemistry and genesis of mineralization at Deh-Hosseini and Nezam-abad W-Sn (Cu) deposits and comparison with Bamsar deposit, SW Shazand, Arak (MSc, July 2007, Tarbiat Modares University)
- 15) M. Shirkhani Mineralogy, geochemistry, and genesis of Pb, Zn, and associated elements at AyQalesi deposit, SE Takab (MSc, July 2007, Tarbiat Modares University)
- 14) M. Pirouzi Geology, facies analysis, geochemistry, and genesis of Kamar-Mehdi fluorite (Pb-Ba) deposits in Shotori Formation, SW Tabas (MSc, July 2007, Tarbiat Modares University)
- 13) E. Ansari Mineralogy, geochemistry, and genesis of Zan bauxite deposit, SE Damavand (MSc, Oct. 2006, Islamic Azad University, North Tehran Branch)
- 12) M. Behzadi Mineralogy, geochemistry, and genesis of Northern Anomaly iron deposit located in Bafq area, Yazd (PhD, Sep. 2006, Shahid Beheshti University)
- 11) Kh. Jamali Genesis and economic potential of Dehsalm spotted schists, SW Nehbandan (MSc, Sep. 2006, Islamic Azad University, North Tehran Branch)
- 10) P. Piroozfar Mineralogy, geochemistry, and genesis of Panjkuh Fe deposit, SE Damghan (MSc, May 2006, Tarbiat Modares University)
- 9) M. Talebi Lithogeochemistry, alteration and fluid inclusion studies of Iju porphyry Cu deposit, NW Shahr-e-Babak (MSc, Dec. 2005, Tarbiat Modares University)
- 8) E. Zeinadini Lithogeochemistry, alteration and fluid inclusion studies of Serenu porphyry Cu occurrence, NW Shahr-e-Babak (MSc, Dec. 2005, Tarbiat Modares University)
- 7) P. Azizi Mineralogy, geochemistry, and genesis of Namar Zn-Pb deposit, SW Amol (MSc, July 2005, Tarbiat Modares University)
- 6) K. Motevali Mineralogy, geochemistry, and genesis of Khosro-abad and Tekieh-bala Fe deposits in NE Songhor (MSc, June 2005, Tarbiat Modares University)
- 5) A. Ghiasvand Mineralogy, geochemistry, and genesis of iron deposits north of Semnan (MSc, June 2005, Tarbiat Modares University)
- 4) H. Tavakkoli Mineralogy, geochemistry, and genesis of Fe deposits, NW Hamedan (MSc, June 2004, Tarbiat Modares University)
- 3) Z. Fardindoost Isotope geochemistry and trace elements of W (Cu-Sn) deposits, SW Astaneh, Arak (MSc, March 2004, Tarbiat Modares University)
- 2) A. Narimani Structure, texture, and paragenesis of Chelpo-Kalatechoubak (Kouhsorkh) Sb-As-Au deposit, Kashmar, and its controlling factors of formation and concentration (MSc, Oct. 2001, Tarbiat Modares University)
- 1) M. Azizpour Geochemistry, mineralogy, and genesis of Bamsar skarn and Revesht vein-type W occurrences and their comparison with Nezam-abad W deposit (Shazand, Arak) (MSc, March 2000, Tarbiat Modares University)

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- 33) Y. Ahmadvand Geology, mineralogy, geochemistry, and genesis of the Chizeh and Saznagh stratabound Cu deposits in the Eocene volcano-sedimentary sequence, northeast of Soltanieh (MSc, Feb. 2026, Tarbiat Modares University)

- 32) G.M. Nasri Geology, mineralogy, geochemistry, and genesis of the Divalan iron deposit, north of Sardasht (MSc, Feb. 2025, Tarbiat Modares University)
- 31) M. Afshoon Geology, mineralogy, geochemistry, and genesis of Dahaneye Gomrokan copper deposit, east Jiroft (MSc, Sep. 2024, Tarbiat Modares University)
- 30) D. Arab Geology, mineralogy, geochemistry, and genesis of Golestan-Abad iron deposit, NE Zanjan (MSc, March 2021, Tarbiat Modares University)
- 29) J. Izanloo Geology, geochemistry, and genesis of Fe-Ba deposits of NW Delijan in the Lower Cretaceous detrital-carbonate sequence (MSc, Feb. 2018, Tarbiat Modares University)
- 28) M.J. Fadaei Shandi Geology, geochemistry, and mineralization type of Pb, Zn (Ba-Ag) in Lower Cretaceous volcano-sedimentary sequence, NW Golpayegan (Darrehnoghreh and Babasheikh deposits) (MSc, Jan. 2018, Tarbiat Modares University)
- 27) Z. Yarali Geochemistry and petrology of mafic-intermediate intrusions in Qamsar mining district of Kashan (MSc, June 2016, Tarbiat Modares University)
- 26) M. Alian Petrology and geochemistry of Neogene subvolcanic domes in southwest Kashan (MSc, June 2016, Tarbiat Modares University)
- 25) M. Alimohammadi Alteration-mineralization, source and evolution of source fluids and assessment of the factors controlling productivity at Sarmeshk porphyry copper deposit, south Kerman, to compare with other porphyry copper deposits in Kerman belt (PhD, Dec. 2015, Shahid Beheshti University)
- 24) M. Eskandarnejad Delineation of Cu and Mo mineralized zones using C-V fractal modelling and staged factor analysis at Takht-e-Gonbad porphyry deposit, NE Sirjan (MSc, Feb. 2015, Islamic Azad University, South Tehran Branch)
- 23) A. Najafi Geology, Mineralization, alteration, geochemistry, micro-thermometry, isotope study, and genesis of Kajeh prospecting area (PhD, Jan. 2015, Ferdowsi University of Mashhad)
- 22) M. Badfar Geochemical exploration-heavy mineral in regional scale and study of mineralized zones in Qarenaz 1:50,000 sheet, Zanjan province (MSc, Apr. 2014, Research Institute for Earth Sciences)
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