

CURRICULUM VITAE

Majid Ghaderi

Personal data:
Date of Birth: 1966
Place of Birth: Tehran, Iran
Nationality: Iranian
Marital Status: Married
Languages: English, Persian

2012-
2000-2012 Associate Professor of Economic Geology and Geochemistry
Assistant Professor of Economic Geology and Geochemistry

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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 Responsibilities

2014- Editorial Board, Kharazmi Journal of Earth Sciences, Kharazmi University
2014- Editorial Board, Iranian Journal of Economic Geology, Ferdowsi University of
Mashhad
2006- Deputy Dean of Administrative and Financial Affairs, Faculty of Basic Sciences,
Tarbiat Modares University
2006- Member of Geology Group, Iranian Academy of Persian Language and Literature
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)
 Society for Geology Applied to Mineral Deposits (SGA)
 Geochemical Society (GS)
 The Society of Resource Geology (SRG)
 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
 Chemical Geology
 Journal of Geochemical Exploration
 Journal of African Earth Sciences
 Journal of Sciences of the Islamic Republic of Iran
 Iranian Journal of Science and Technology
 Iranian International Journal of Science
 Scientific Quarterly Journal of Geosciences
 Quarterly Iranian Journal of Geology
 Iranian Journal of Economic Geology
 Iranian Journal of Crystallography and Mineralogy
 Journal of New Prospects in Geology, Kharazmi University
 Journal of Science of Tarbiat Moalem University
 Journal of Science of the University of Tehran
 Amirkabir Journal of Science and Technology
 Journal of Science of Shahid Chamran University of Ahwaz
 Journal of Science of Ferdowsi University of Mashhad
 Journal of Technology and Education of Shahid Rajaee University

Courses Taught:

Geochemistry of Hydrothermal Fluids	PhD
Geochemistry of Rare Earth and Trace Elements	PhD
Stable Isotope Geochemistry	PhD
Exploration, Mining and Environmental Impacts	PhD
Estimation and Evaluation of Ore Reserves	MSc
Geochemistry of Hydrothermal Ore Deposits	MSc
Geochronology	MSc
Isotope Geology	MSc
Methods of Geochemical Analysis	MSc
Principles of Geochemical Exploration	MSc
Advanced Geochemistry	MSc
Economic Geology	BSc
Mineralogy	BSc
Physical Geology	BSc
Subsurface Geology	BSc

Research Interests:

Economic Geology
 Isotope and Trace Element Geochemistry
 Exploration Geochemistry

PUBLICATIONS:

BOOKS:

Ghaderi, M., Yasami, N., Boveiri-Konari, M. (2018): Porphyry Copper Deposits of Iran. Tarbiat Modares University Publication, in Persian, in press.

JOURNAL PAPERS:

* ISI papers

- 94) Samiee, S., Karimpour, M.H., Ghaderi, M., Zirjanizadeh, S. (2019): Geochemistry, fluid inclusion and sulfur isotopes in hydrothermal breccia type gold mineralization, Khunik area, Khorasan Jonoubi province. Iranian Journal of Economic Geology.
- *93) 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, DOI: 10.1007/s13762-018-1840-6
- *92) Kaboodi, Z., Ghaderi, M., Rastad, E. (2019): Mineralogy, texture and structure and genetic model of 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,
- *91) 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,
- *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, v. 11(20):605, DOI: 10.1007/s12517-018-3942-3
- 89) Kahrzehi, M., Lotfi, M., Ghaderi, M. (accepted): Geochemistry of Joun Abad manganese deposit, north Khash, Sistan and Baluchestan province. Iranian Journal of Economic Geology.
- * 88) Mohammadzadeh, Z., Ghaderi, M., Alirezaei, S., Hassanzadeh, J. (2018): Geology, hydrothermal alteration and mineralization at Raziabad 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, v. 28, no. 109,
- * 87) Yasami, N., Ghaderi, M., Alfonso, P. (2018): Sulfur isotope geochemistry of the Chodarchay Cu-Au deposit, Tarom, NW Iran. Neues Jahrbuch für Mineralogie (J. Min. Geochem.), v. 195(2), p. 101-113, DOI: 10.1127/njma/2018/0097
- * 86) Mohammaddoost, H., Ghaderi, M., Hassanzadeh, J. (2018): Sulfur isotope variations of sulfide minerals in porphyry systems of the Meiduk cluster, Kerman Cenozoic magmatic arc, southeastern Iran. Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran, in Persian with English abstract, v. 27, no. 107, p. 3-16, DOI: 10.22071/gsj.2017.75379.1019
- * 85) Kouhestani, H., Ghaderi, M., Emami, M.H., Meffre, S., Kamenetsky, V., McPhie, J., Zaw, K., Nasiri Bezenjani, R. (2018): Compositional characteristics and geodynamic significance of late Miocene volcanic rocks associated with the Chah Zard epithermal gold–silver deposit, SW Yazd, Iran. Island Arc, v. 27(1), p. e12223, DOI: 10.1111/iar.12223
- * 84) Afzal, P., Heidari, S.M., Ghaderi, M., Yasrebi, A.B. (2017): Determination of mineralization stages using correlation between geochemical fractal modeling and geological data in Arabshah sedimentary rock-hosted epithermal gold deposit, NW Iran. Ore Geology Reviews, v. 91, p. 278-295, DOI: 10.1016/j.oregeorev.2017.09.021.
- * 83) Heidari, S.M., Ghaderi, M., Kouhestani, H. (2017): Sediment-hosted epithermal gold mineralization at Arabshah, SE Takab, NW Iran. Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran, in Persian with English abstract, v. 27, no. 105, p. 265-282, DOI: 10.22071/gsj.2017.53971
- * 82) Mohammaddoost, H., Ghaderi, M., Kumar, T. Vijaya, Hassanzadeh, J., Alirezaei, S., Stein, H.J., Babu, E.V.S.S.K. (2017): Zircon U-Pb and molybdenite Re-Os geochronology, with S isotopic composition of sulfides from the Chah-Firouzeh porphyry Cu deposit, Kerman Cenozoic arc, SE Iran. Ore Geology Reviews, v. 88, p. 384-399, DOI: 10.1016/j.oregeorev.2017.05.023

- * 81) Deevsalar, R., Shinjo, R., Ghaderi, M., Murata, M., Hoskin, P.W.O., Oshiro, S., Wang, K.L., Lee, H.Y., Neill, I. (2017): Mesozoic–Cenozoic mafic magmatism in Sanandaj–Sirjan Zone, Zagros Orogen (Western Iran): Geochemical and isotopic inferences from Middle Jurassic and Late Eocene gabbros. *Lithos*, v. 284–285, p. 588–607, DOI: 10.1016/j.lithos.2017.05.009
- * 80) Hosseini, M.R., Ghaderi, M., Alirezai, S., Sun, W. (2017): Geological characteristics and geochronology of the Takht-e-Gonbad copper deposit, SE Iran: a variant of porphyry type deposits. *Ore Geology Reviews*, v. 86, p. 440–458, DOI: 10.1016/j.oregeorev.2017.03.003
- * 79) Yasami, N., Ghaderi, M., Madanipour, S., Taghilou, B. (2017): Structural control on overprinting high-sulfidation on porphyry mineralization in the Chodarchay deposit, northwestern Iran. *Ore Geology Reviews*, v. 86, p. 212–224, DOI: 10.1016/j.oregeorev.2017.01.028
- * 78) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M., Lackey, J.S., Lang Farmer, G., Karimpour, M.H. (2017): Geochronological and geochemical characteristics of fractionated I-type granites associated with the skarn mineralization in the Sangan mining region, NE Iran. *Ore Geology Reviews*, v. 84, p. 116–133, DOI: 10.1016/j.oregeorev.2017.01.003
- * 77) Kouhestani, H., Ghaderi, M., Large, R.R., Zaw, K. (2017): Texture and chemistry of pyrite at Chah Zard epithermal gold-silver deposit, Iran. *Ore Geology Reviews*, v. 84, p. 80–101, DOI: 10.1016/j.oregeorev.2017.01.002
- 76) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2017): Petrology and geochemistry of intrusive rocks in Someahani and Ferezneh prospect areas, east of Sangan mine, Khaf (southeast Mashhad). *Journal of Petrology*, University of Isfahan, in Persian with English abstract, v. 8, no. 29, p. 135–152.
- * 75) Baharvandi, A., Lotfi, M., Ghaderi, M., Jafari, M., Tajeddin, H. (2017): Ore mineralization and fluid inclusion and sulfur isotope studies of the Shekarbeig deposit, southwest Mahabad, Sanandaj–Sirjan Zone. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 26, no. 103, p. 201–218, DOI: 10.22071/gsj.2017.46614
- * 74) Lotfi, M., Kahrazehi, M., Ghaderi, M. (2017): Geochemistry and origin of Dehoo manganese deposit, south Zahedan, southeastern Iran. *Arabian Journal of Geosciences*, v. 10(6):142, DOI: 10.1007/s12517-017-2865-8
- * 73) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2017): Detecting and mapping different types of iron mineralization in Sangan mining region, NE Iran, using satellite image and airborne geophysical data. *Geosciences Journal*, v. 21(1), p. 137–148, DOI: 10.1007/s12303-016-0018-9
- 72) Samiee, S., Karimpour, M.H., Ghaderi, M., Haidarian Shahri, M.R., Santos, J.F. (2016): Dating and source determination of volcanic rocks from Khunik area (south of Birjand, South Khorasan) by using Rb-Sr and Sm-Nd isotopes. *Journal of Petrology*, University of Isfahan, in Persian with English abstract, v. 7, no. 28, p. 145–160.
- * 71) Afzali, S., Nezafati, N., Ghaderi, M. (2016): Fluid inclusion and stable isotope study of the Gazestan magnetite-apatite deposit, Central Iran. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 26, no. 101, p. 35–44, DOI: 10.22071/gsj.2016.41000
- 70) Heidari, S.M., Moosavi Makooi, S.A., Mirzakhani, M., Rasoli, F., Ghaderi, M., Abadi, A.R. (2016): A review of tectono-magmatic evolution and gold metallogeny in the inner parts of Zagros orogeny: A tectonic model for the major gold deposits, western Iran. *Eurasian Mining*, v. 25(1), p. 3–20, DOI: 10.17580/em.2016.01.01
- 69) Nabatian, G., Ghaderi, M., Honarmand, M. (2016): Petrography and mineral chemistry of Tarom plutonic complex, NE Zanjan. *Journal of Petrology*, University of Isfahan, in Persian with English abstract, v. 7, no. 26, p. 99–116.
- * 68) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2016): Geochemistry of intrusive rocks, petrology of skarn, and mineralogy and chemistry of ore bodies in Senjedak-I area, East of Sangan mine, Khaf, NE Iran. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 25, no. 100, p. 235–246.
- 67) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2016): Geology, mineralogy, and chemistry of skarn zones and orebody in Ma'danjoo iron skarn prospect area, east of Sangan mine, Khaf, NE Iran. *Iranian Journal of Crystallography and Mineralogy*, in Persian with English abstract, v. 24(1), p. 83–98.
- * 66) Afzal, P., Eskandarnejad Tehrani, M., Ghaderi, M., Hosseini, M.R. (2016): Delineation of supergene enrichment, hypogene and oxidation zones utilizing staged factor analysis and fractal modeling in Takht-e-Gonbad porphyry deposit, SE Iran. *Journal of Geochemical Exploration*, v. 161, p. 119–127. DOI: 10.1016/j.gexplo.2015.12.001

- * 65) Alimohammadi, M., Alirezaei, S., Ghaderi, M., Kontak, D. (2016): The geology, petrogenesis and geological setting of the volcanic and plutonic rocks from Daraloo and Sarmeshk porphyry copper deposits, South Kerman copper belt, Iran. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 25, no. 98, p. 159-170, DOI: 10.22071/gsj.2016.41187
- * 64) Samiee, S., Karimpour, M.H., Ghaderi, M., Haidarian Shahri, M.R., Klötzli, U., Santos, J.F. (2016): Petrogenesis of subvolcanic rocks from Khunik prospecting area, south of Birjand, Iran: Geochemical, Sr-Nd isotopic and U-Pb zircon constraints. *Journal of Asian Earth Sciences*, v. 115, p. 170-182. DOI: 10.1016/j.jseas.2015.09.023
- * 63) Eslami, A., Ghaderi, M., Griffin, W.L., Gain, S., Grieco, G., González-Jiménez, J.M. (2015): Magmatic and post-magmatic signatures of chromian spinels in podiform chromitites from the Cheshmeh-Bid chromitite deposit, Khajeh-Jamali ophiolitic massifs, Iran. *Ophioliti*, v. 40(2), p. 91-106, DOI: 10.4454/ofoi2.437
- * 62) Eslami, A., Ghaderi, M., Rajendran, S., Beiranvand Pour, A., Hashim, M. (2015): Integration of ASTER and landsat TM remote sensing data for chromite prospecting and lithological mapping in Neyriz ophiolite zone, south Iran. *Resource Geology*, v. 65(4), p. 375-388, DOI: 10.1111/rge.12076
- * 61) Salehi, T., Ghaderi, M., Rashidnejad-Omrani, N. (2015): Epithermal base metal – silver mineralization at Gomish-Tappeh deposit, southwest of Zanjan. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 25, no. 97, p. 329-346, DOI: 10.22071/gsj.2015.41519
- * 60) Mohammadoost, H., Ghaderi, M., Rashidnejad-Omrani, N. (2015): Determining the origin of mineralizing fluid at Qamsar cobalt deposit using fluid inclusions and S-O stable isotopes. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 24, no. 96, p. 235-248, DOI: 10.22071/gsj.2015.41769
- 59) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2015): Geology, mineralogy and geochemistry of Ferezneh ferromanganese anomaly, east of Sangan mines complex, NE Iran. *Iranian Journal of Economic Geology*, in Persian with English abstract, v. 7(1), p. 23-37.
- * 58) Moslempour, M.E., Khalatbari-Jafari, M., Ghaderi, M., Yousefi, H., Shahdadi, S. (2015): Petrology, geochemistry and tectonics of the extrusive sequence of Fannuj-Maskutan ophiolite, southeastern Iran. *Journal of the Geological Society of India*, v. 85(5), p. 604-618, DOI: 10.1007/s12594-015-0255-y
- * 57) Shahbazi, S., Ghaderi, M., Rashidnejad-Omrani, N. (2015): Mineralization stages and iron source of Bashkand deposit based on mineralogy, structure, texture and geochemical evidence, southwest of Soltanieh. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 24, no. 95, p. 355-372.
- * 56) Nabatian, G., Rastad, E., Neubauer, F., Honarmand, M., Ghaderi, M. (2015): Iron and Fe–Mn mineralisation in Iran: implications for Tethyan metallogeny. *Australian Journal of Earth Sciences*, v. 62(2), p. 211-241. DOI: 10.1080/08120099.2015.1002001
- * 55) Kouhestani, H., Ghaderi, M., Chang, Z., Zaw, K. (2015): Constraints on the ore fluids in the Chah Zard breccia-hosted epithermal Au–Ag deposit, Iran: Fluid inclusions and stable isotope studies. *Ore Geology Reviews*, v. 65, p. 512-521, DOI: 10.1016/j.oregeorev.2013.06.003
- 54) Kahrazehi, M., Lotfi, M., Ghaderi, M., Mohajjal, M., Jafari, M. (2015): First report of geochemical characteristics of the Sangan manganese occurrence, northeast Khash (Iran). *Indian Journal of Science and Technology*, v. 8(S3), p. 85-93, DOI: 10.17485/ijst/2015/v8i1/59884
- * 53) Heidari, S.M., Ghaderi, M., Kouhestani, H., Hosseini, M. (2015): Touzlar epithermal Au–Ag (Cu) deposit, subvolcanic intrusion-related of intra-arc extensional setting, in northwest Mahneshan. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 24, no. 94, p. 329-348.
- 52) Eskandarnejad-Tehrani, M., Afzal, P., Ghaderi, M. (2015): Separation of Cu mineralized zones using concentration-volume fractal model in Takht-e-Gonbad porphyry deposit, NE Sirjan. *Journal of Exploration Geology*, Islamic Azad University (Lahijan Branch), in Persian with English abstract, v. 7(4), p. 13-26.
- * 51) Najafi, A., Karimpour, M.H., Ghaderi, M. (2014): Application of fuzzy AHP method to IOCG prospectivity mapping: A case study in Taherabad prospecting area, eastern Iran. *International Journal of Applied Earth Observation and Geoinformation*, v. 33, p. 142-154, DOI: 10.1016/j.jag.2014.05.003
- * 50) Nabatian, G., Ghaderi, M. (2014): Mineralogy and geochemistry of rare earth elements in iron oxide – apatite deposits of the Zanjan region. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 24, no. 93, p. 157-170.

- * 49) Afzali, S., Nezafati, N., Ghaderi, M., Ghalamghash, J., Ghasemi, M.R., Karimi-Bavandpour, A. (2014): Petrogenesis and mineralization at Gazestan iron oxide – apatite deposit, east of Bafq, Central Iran. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 24, no. 93, p. 77-84.
- * 48) Deevsalar, R., Ghorbani, M.R., Ghaderi, M., Ahmadian, J., Murata, M., Ozawa, H., Shinjo, R. (2014): Geochemistry and petrogenesis of arc-related to intraplate mafic magmatism from the Malayer-Boroujerd plutonic complex, northern Sanandaj-Sirjan magmatic zone, Iran. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen*, v. 274(1), p. 81-120. DOI: <http://dx.doi.org/10.1127/njgpa/2014/0435>
- * 47) Kouhestani, H., Rashidnejad-Omrani, N., Rastad, E., Mohajjal, M., Goldfarb, R.J., Ghaderi, M. (2014): Orogenic gold mineralization at the Chah Bagh deposit, Muteh gold district, Iran. *Journal of Asian Earth Sciences*, v. 91, p. 89-106, DOI: <http://dx.doi.org/10.1016/j.jseas.2014.04.027>
- 46) Samiee, S., Karimpour, M.H., Haydarian-Shahri, M.R., Santos, J.F., Ghaderi, M. (2014): Petrography, geochemical characteristics, Sr and Nd isotopes and source of granitoid intrusions in the Khunik prospecting area, south of Birjand. *Journal of Advanced Applied Geology (JAAG)*, Shahid Chamran University of Ahvaz, Iran, in Persian with English abstract, no. 12, p. 63-79.
- 45) Najafi, A., Karimpour, M.H., Ghaderi, M., Stern, C., Farmer, G.L. (2014): U-Pb zircon geochronology, Rb-Sr and Sm-Nd isotope geochemistry, and petrogenesis of granitoid rocks at Kaje prospecting area, northwest Ferdows: Evidence for upper Cretaceous magmatism in Lut block. *Iranian Journal of Economic Geology*, in Persian with English abstract, v. 6(1), p. 107-135.
- * 44) Ghorbani, M.R., Graham, I.T., Ghaderi, M. (2014): Oligocene-Miocene geodynamic evolution of the central part of Urumieh-Dokhtar Arc of Iran. *International Geology Review*, v. 56(8), p. 1039-1050, DOI: [10.1080/00206814.2014.919615](https://doi.org/10.1080/00206814.2014.919615)
- 43) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2014): Advanced mapping of various types of iron mineralization, endoskarn, exoskarn at Sangān Khaf iron deposit, Khorasan Razavi province, using ASTER satellite data. *Journal of Advanced Applied Geology*, Shahid Chamran University of Ahvaz, in Persian with English abstract, no. 11, p. 18-29.
- * 42) Nabatian, G., Ghaderi, M., Corfu, F., Neubauer, F., Bernroider, M., Prokofiev, V., Honarmand, M. (2014): Geology, alteration, age, and origin of iron oxide-apatite deposits in Upper Eocene quartz monzonite, Zanjan district, NW Iran. *Mineralium Deposita*, v. 49, p. 217-234, DOI: [10.1007/s00126-013-0484-1](https://doi.org/10.1007/s00126-013-0484-1)
- * 41) Kouhestani, H., Ghaderi, M., Emami, M.H., Meffre, S., Kamenetsky, V., McPhie, J., Zaw, K. (2014): Whole-rock and Sr-Nd isotope geochemistry of volcanic host rocks of the Chah Zard Ag-Au deposit, Urumieh-Dokhtar belt. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 23, no. 90, p. 185-196, DOI: [10.22071/gsj.2014.43986](https://doi.org/10.22071/gsj.2014.43986)
- * 40) Nabatian, G., Ghaderi, M., Neubauer, F., Honarmand, M., Liu, X., Dong, Y., Jiang, S.Y., von Quadt, A., Bernroider, M. (2014): Petrogenesis of Tarom high-potassic granitoids in the Alborz-Azarbaijan belt, Iran: Geochemical, U-Pb zircon and Sr-Nd-Pb isotopic constraints. *Lithos*, v. 184-187, p. 324-345, DOI: [10.1016/j.lithos.2013.11.002](https://doi.org/10.1016/j.lithos.2013.11.002)
- 39) Samiee, S., Karimpour, M.H., Ghaderi, M., Haidarian-Shahri, M.R. (2013): Geology, alteration, mineralization and geochemistry of Khunik area, south of Birjand. *Iranian Journal of Crystallography and Mineralogy*, in Persian with English abstract, v. 21(3), p. 487-498.
- * 38) Niroomand, S., Rastad, E., Rashidnejad-Omrani, N., Ghaderi, M. (2013): Geology and mineralization of the Dashkasan (Sari Gunay) epithermal gold deposit, Sanandaj-Sirjan zone, east of Qorveh, Kordestan province. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 22, no. 88.3, p. 30-41.
- * 37) Moslempour, M.E., Khalatbari-Jafari, M., Morishita, T., Ghaderi, M. (2013) Petrology and Geochemistry of Peridotites from Fannuj-Maskutan Ophiolitic Complex, Makran Zone, SE Iran. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 22, no. 87, p. 181-196.
- * 36) Kouhestani, H., Ghaderi, M., Emami, M.H., Zaw, K. (2013): Chah Zard deposit: Breccia-hosted epithermal Ag-Au mineralization in the Urumieh-Dokhtar belt. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 22, no. 87, p. 9-24.
- 35) Ghavi, J., Karimpour, M.H., Mazaheri, S.A., Ghaderi, M., Rahimi, B. (2013): Identifying secondary dispersion halos and geochemical element distribution in soils on the Tarikdarreh Au-W prospect area, north of Torbat-e-Jam, NE Iran. *Iranian Journal of Crystallography and Mineralogy*, in Persian with English abstract, v. 21(1), p. 107-120.

- * 34) Yeganehfar, H., Ghorbani, M.R., Shinjo, R., Ghaderi, M. (2013): Magmatic and geodynamic evolution of Urumieh-Dokhtar basic volcanism, Central Iran: major, trace element, isotopic, and geochronologic implications. *International Geology Review*, v. 55(6), p. 767-786, DOI: 10.1080/00206814.2012.752554
- * 33) Heidari, S.M., Ghaderi, M., Afzal, P. (2013): Delineating mineralized phases based on lithogeochemical data using multifractal model in Touzlar epithermal Au-Ag (Cu) deposit, NW Iran. *Applied Geochemistry*, v. 31, p. 119-132, DOI: 10.1016/j.apgeochem.2012.12.014
- * 32) Nabatian, G., Ghaderi, M. (2013): Oxygen isotope and fluid inclusion study of the Sorkhe-Dizaj iron oxide-apatite deposit, NW Iran. *International Geology Review*, v. 55(4), p. 397-410, DOI: 10.1080/00206814.2012.713547
- 31) Veiskarami, H., Rashidnejad-Omran, N., Ghaderi, M. (2013): Mineralogy, paragenesis, texture and mineral facies of skarns in west of Malayer. *Iranian Journal of Crystallography and Mineralogy*, in Persian with English abstract, v. 20(4), p. 701-712.
- * 30) Nabatian, G., Ghaderi, M., Daliran, F., Rashidnejad-Omran, N. (2013): Sorkhe-Dizaj iron oxide-apatite ore deposit in the Cenozoic Alborz-Azbarbijan magmatic belt, NW Iran. *Resource Geology*, v. 63(1), p. 42-56, DOI: 10.1111/j.1751-3928.2012.00209.x
- * 29) Najafi, A., Karimpour, M.H., Ghaderi, M. (2012): Correlating primary and secondary geochemical halos with copper-gold mineralization evidence in Rahimi area, south Kajeh, Ferdows. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 22, no. 85, p. 115-124.
- * 28) Kouhestani, H., Ghaderi, M., Zaw, K., Meffre, S., Emami, M.H. (2012): Geological setting and timing of the Chah Zard breccia-hosted epithermal gold-silver deposit in the Tethyan belt of Iran. *Mineralium Deposita*, v. 47(4), p. 425-440, DOI: 10.1007/s00126-011-0382-3
- 27) Nabatian, G., Ghaderi, M., Rashidnejad-Omran, N., Daliran, F. (2012): Sorkheh-Dizaj apatite - iron oxide deposit as a Kiruna type: Mineralogy, texture and structure, alteration and comparative studies. *Iranian Journal of Crystallography and Mineralogy*, in Persian with English abstract, v. 19(4), p. 665-686.
- 26) Salehi, T., Ghaderi, M., Rashidnejad-Omran, N. (2010): Mineralogy and REE geochemistry at Gomish-Tappeh Zn-Pb-Cu (Ag) deposit, southwest of Zanjan. *Iranian Journal of Economic Geology*, in Persian with English abstract, v. 2(3), p. 235-254.
- * 25) Rostami, G., Lotfi, M., Ghaderi, M., Amiri, A., Vossoughi-Abedini, M. (2010): New results on mineralography and crystal chemistry of magnetite and pyrite at Baba-Ali and Galali iron deposits, west of Hamedan, Iran. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 20, no. 77, p. 121-130.
- 24) Ansari, S., Emami, M.H., Ghaderi, M., Khosro-Tehrani, K. (2010): I-type magmatism in granitoids from E-NE Tafresh. *Journal of Geology & Environment, Islamic Azad University (Islamshahr Branch)*, in Persian with English abstract, v. 4, no. 12, p. 1-14.
- 23) Nabatian, G., Ghaderi, M., Rashidnejad-Omran, N., Daliran, F. (2010): Geochemistry and genesis of apatite-bearing Fe oxide Sorkhe-Dizaj deposit, SE Zanjan. *Iranian Journal of Economic Geology*, in Persian with English abstract, v. 1(1), p. 19-46.
- * 22) Abdi, M., Ghaderi, M., Rashidnejad-Omran, N., Rastad, E. (2010): Introduction of stratiform-stratabound tungsten (copper) mineral occurrence, west of Azna, Lorestan province. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 19, no. 74, p. 107-120.
- * 21) Abdi, M., Ghaderi, M., Rashidnejad-Omran, N., Najafi, A. (2009): Geochemical study of vein-type tungsten-copper mineralization in southwest of Shazand. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 18, no. 73, p. 37-50.
- * 20) Shirkhani, M., Ghaderi, M., Rashidnejad-Omran, N., Mohammadi-Niae, R. (2009): Interpretation and exploratory application of Enzyme LeachSM data analysis at AyQalesi polymetal deposit, southeast of Takab. *Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran*, in Persian with English abstract, v. 18, no. 73, p. 3-10.
- 19) Abdi, M., Ghaderi, M., Rashidnejad-Omran, N. (2009): Introduction of stratiform-stratabound tungsten (copper-tin-zinc) mineral occurrences in Bovaki and Aghbolagh areas, northwest of Azna. *Iranian Journal of Crystallography and Mineralogy*, in Persian with English abstract, v. 17(3), p. 419-436.

- 18) Taki, S., Darvishzadeh, A., Ghaderi, M., Khosrow-Tehrani, K. (2009): Lithologic sequence and geochemical characteristics of second phase of Paleogene volcanic rocks in Deylaman area, Western Alborz. Iranian Journal of Crystallography and Mineralogy, in Persian with English abstract, v. 17(2), p. 239-252.
- 17) Ghiasvand, A., Ghaderi, M., Rashidnejad-Omrani, N. (2009): Mineralogy, geochemistry and origin of iron deposits in north of Semnan. Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran, in Persian with English abstract, v. 18, no. 72, p. 33-44.
- 16) Vatanpour, H.R., Khakzad, A., Ghaderi, M. (2009): Application of PGE in exploration and economic evaluation of Sabzevar ophiolitic belt for chromite deposits. Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran, in Persian with English abstract, v. 18, no. 71, p. 9-12.
- 15) Rostami, G., Lotfi, M., Ghaderi, M., Vossoughi-Abedini, M. (2009): Applications of SEM-EDAX method in study of Baba-Ali and Galali iron ores, west of Hamedan. Applied Geology, Islamic Azad University (Zahedan Branch), in Persian with English abstract, v. 5(1), p. 20-35.
- 14) Pirouzi, M., Ghaderi, M., Rashidnejad-Omrani, N., Rastad, E. (2009): New evidences on mineralization, diagenesis and fluid inclusions at Kamar-Mehdi stratabound fluorite deposit, southwest Tabas. Iranian Journal of Crystallography and Mineralogy, in Persian with English abstract, v. 17(1), p. 83-94.
- 13) Ghaderi, M., Hezarkhani, A., Zeinadini, E. (2008): Lithogeochemistry and alteration at Serenu porphyry copper occurrence, northwest of Shahr-e-Babak, with special reference to fluid inclusions. Amirkabir Journal of Science and Technology, Amirkabir University of Technology, in Persian with English abstract, v. 19, no. 69-C, p. 47-58.
- 12) Ghaderi, M., Hezarkhani, A., Talebi, M. (2007): The use of lithogeochemical data and fluid inclusions in the study of Iju porphyry copper deposit, northwest of Shahr-e-Babak. Amirkabir Journal of Science and Technology, Amirkabir University of Technology, in Persian with English abstract, v. 18, no. 67-C, p. 51-63.
- * 11) Fard, M., Rastad, E., Ghaderi, M. (2006): Epithermal gold and base metal mineralization at Gandy, north of Central Iran and the role of rhyolitic intrusions. Journal of Sciences, Islamic Republic of Iran, University of Tehran, v. 17, p. 327-335.
- 10) Motevali, K., Ghaderi, M., Rashidnejad-Omrani, N. (2006): Mineralogy, structural and textural studies and genesis of Khosrow-Abad iron deposit, NE Kermanshah. Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran, in Persian with English abstract, v. 15, no. 60, p. 110-119.
- 9) Vatanpour, H.R., Khakzad, A., Ghaderi, M., Vossoughi-Abedini, M., Aftabi, A. (2006): Study of chlorine and serpentinization roles in transport and concentration of PGE in western part of Sabzevar ophiolitic belt, NE Iran. Journal of Faculty of Earth Sciences, Shahid Beheshti University, in Persian with English abstract, v. 14, p. 33-40.
- 8) Behzadi, M., Khakzad, A., Ghaderi, M., Vossoughi-Abedini, M., Rasa, I. (2005): Mineralogy, geochemistry and petrology of Northern Anomaly iron deposit and introducing of taenite as a new mineral in Bafq iron metallogeny district, Yazd. Journal of Faculty of Earth Sciences, Shahid Beheshti University, in Persian with English abstract, v. 12, p. 3-14.
- 7) Ghaderi, M., Fardindoost, Z., Herrin, J. (2005): Rare earth element study on scheelites from tungsten deposits in southwest of Astaneh, Arak, Iran. Iranian Journal of Crystallography and Mineralogy, in Persian with English abstract, v. 13(1), p. 29-42.
- 6) Shamanian, G.H., Hassanzadeh, J., Hedenquist, J.W., Hattori, K., Ghaderi, M. (2004): Comparison of epithermal base and precious metal deposits in Gandy and Abolhassani districts, Semnan Province, Iran. Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran, in Persian with English abstract, v. 14, no. 53, p. 100-117.
- 5) Rastad, E., Rostami-Paydar, G., Feiznia, S., Ghaderi, M. (2002): Ore facies, fluid inclusions, and genesis of Milakuh-Touyeh F (Zn-Pb-Ba) deposit, lower Cambrian carbonate-hosted (Soltanieh Formation) in Central Alborz, southwest Damghan, Iran. Scientific Quarterly Journal of Geosciences, Geol. Min. Expl. Surv. Iran, in Persian with English abstract, v. 12, no. 45-46, p. 2-21.
- * 4) Brugger, J., Maas, R., Lahaye, Y., McRae, C., Ghaderi, M., Costa, S., Lambert, D., Bateman, R., Prince, K. (2002): Origins of Nd-Sr-Pb isotopic variations in single scheelite grains from Archaean gold deposits, Western Australia. Chemical Geology, v. 182, p. 203-225, DOI: 10.1016/S0009-2541(01)00290-X.
- * 3) Ghaderi, M., Palin, J.M., Campbell, I.H., Sylvester, P.J. (1999): Rare earth element systematics in scheelite from hydrothermal gold deposits in the Kalgoorlie-Norseman region, Western Australia. Economic Geology, v. 94, p. 423-437, DOI: 10.2113/gsecongeo.94.3.423

* 2) Sylvester, P.J., Ghaderi, M. (1997): Trace element analysis of scheelite by excimer laser ablation-inductively coupled plasma-mass spectrometry (ELA-ICP-MS) using a synthetic silicate glass standard. *Chemical Geology*, v. 141, p. 49-65, DOI: 10.1016/S0009-2541(97)00057-0

1) Khakzad, A., Ghaderi, M. (1992): Economic geology studies of Sungun copper deposit. *Journal of Iranian Ministry of Mines and Metals*, in Persian, No. 48-49, p. 12-23.

CONFERENCE PAPERS:

- 167) Firoozbakht, M., Ghaderi, M., Tajeddin, H. (2018): Geology and mineralization in the Lak base metal (-Au) deposit, south Buin Zahra. Proceedings of the 10th Symposium of Iranian Society of Economic Geology, University of Isfahan, Isfahan, Iran, 5-6 Sep. 2018, in Persian with English abstract, CD-ROM.
- 166) Ghaderi, M., Yasami, N. (2018): Quartz-hosted fluid inclusions from the Chodarchay porphyry-epithermal deposit, northwestern Iran. 4th World Multidisciplinary Earth Sciences Symposium (WMESS 2018), Prague, Czech Republic, 3-7 Sep. 2018, Abstract Collection Book.
- 165) Shahbazi, S., Ghaderi, M., Madanipour, S. (2018): The role of Zanjan-Manjil semi-brittle zone in controlling the Zehabad Pb, Zn, Au, Ag (Cu) mineralization, NW Qazvin. Proceedings of the 36th National and the 3rd International Geosciences Congress, Geological Survey of Iran, Tehran, Iran, 25-27 Feb. 2018, in Persian with English abstract, CD-ROM.
- 164) Jiba, Z., Ghaderi, M. (2018): Manto-type stratabound mineralization at Yamaghan copper deposit, Tarom subzone, northwestern Iran. Proceedings of the 36th National and the 3rd International Geosciences Congress, Geological Survey of Iran, Tehran, Iran, 25-27 Feb. 2018, in Persian with English abstract, CD-ROM.
- 163) Davoodi, T., Ghaderi, M. (2018): Arasoo iron deposit: An example of IOA type mineralization in the Cenozoic magmatic rocks of northwest Qazvin. Proceedings of the 36th National and the 3rd International Geosciences Congress, Geological Survey of Iran, Tehran, Iran, 25-27 Feb. 2018, in Persian with English abstract, CD-ROM.
- 162) Samiee, S., Karimpour, M.H., Ghaderi, M., Haidarian Shahri, M.R., Zirjanizadeh, S. (2017): Study of Khunik's epithermal gold mineralization (south of Birjand) with emphasis on fluid inclusion studies. Proceedings of the 9th Symposium of Iranian Society of Economic Geology, University of Birjand, Birjand, Iran, 7-8 Sep. 2017, in Persian with English abstract, CD-ROM.
- 161) Samiee, S., Karimpour, M.H., Ghaderi, M., Zirjanizadeh, S., Rocha, F. (2017): Fluid inclusion and stable isotopes studies on hydrothermal breccia, the main stage of mineralization in Khunik prospecting area. Goldschmidt 2017 Conference, Paris, France, 13-18 Aug. 2017, Abstracts.
- 160) Ghaderi, M., Kouhestani, H., Emami, M.H., Meffre, S., Kamenetsky, V., McPhie, J., Zaw, K., Nasiri Bezenjani, R. (2017): Geochemical and Sr-Nd isotope composition of late Miocene volcanic rocks associated with the Chah Zard epithermal gold-silver deposit, SW Yazd, Iran. Asia Oceania Geosciences Society, 14th Annual Meeting, Singapore, 6-11 Aug. 2017, Abstracts.
- 159) Khodabandehloo, Z., Ghaderi, M., Rastad, E. (2017): Geochemistry, ore microscopy and paragenetic sequence of the Golijeh Cu-Pb-Zn deposit, northeast Zanjan. Proceedings of the 10th National Geology Conference of Payame Noor University, Tabriz, Iran, 3-4 May 2017, in Persian with English abstract, p. 176-182.
- 158) Khodabandehloo, Z., Ghaderi, M., Rastad, E. (2017): Hydrothermal alteration and Cu-Pb-Zn mineralization at Golijeh deposit in the Eocene volcanic-sedimentary sequence, northeast Zanjan. Proceedings of the 35th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 19-21 Feb. 2017, in Persian with English abstract, CD-ROM.
- 157) Kaboodi, Z., Ghaderi, M., Rastad, E. (2017): Mineralogy, geochemistry and genesis of Kahak Volcanic Red Bed Cu deposit, south Qom. Proceedings of the 35th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 19-21 Feb. 2017, in Persian with English abstract, CD-ROM.
- 156) Badfar, M., Jannessary, M.R., Daneshjou, M., Ghaderi, M., Hosseinzadeh, R. (2017): Anomalies of the northern part of Qare-Naz 1:50000 sheet: Geochemical stream and heavy minerals. Proceedings of the 35th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 19-21 Feb. 2017, in Persian with English abstract, CD-ROM.
- 155) Kaboodi, Z., Ghaderi, M., Rastad, E. (2017): Stratabound copper mineralization at Kahak in Eocene volcano-sedimentary sequence, south Qom, Iran. Proceedings of the 24th Symposium of Society of Crystallography and Mineralogy of Iran, Shahrood University of Technology, Shahrood, Iran, 25-26 Jan. 2017, p. 1018-1025, in Persian with English abstract.
- 154) Samiee, S., Karimpour, M.H., Ghaderi, M., Haidarian-Shahri, M.R. (2016): Hydrothermal breccia, the main stage of mineralization in Khunik prospecting area, south of Birjand. Proceedings of the 8th Symposium of Iranian Society of Economic Geology, University of Zanjan, Zanjan, Iran, 17-18 Sep. 2016, in Persian with English abstract, v. 2, p. 262-268.

- 153) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2016): Introducing different types of mineralization in eastern part of Sangan mine, Khaf, Khorasan Razavi province. Proceedings of the 8th Symposium of Iranian Society of Economic Geology, University of Zanjan, Zanjan, Iran, 17-18 Sep. 2016, in Persian with English abstract, v. 3, p. 335-340.
- 152) Izanloo, J., Rastad, E., Ghaderi, M. (2016): Stratigraphic position and ore facies of the Kahak Fe-Ba deposit, northwest Delijan, Malayer-Esfahan metallogenic belt. Proceedings of the 8th Symposium of Iranian Society of Economic Geology, University of Zanjan, Zanjan, Iran, 17-18 Sep. 2016, in Persian with English abstract, v. 1, p. 233-242.
- 151) Fadaei-Shendi, M.J., Rastad, E., Ghaderi, M. (2016): The horizons and ore facies of Lower Cretaceous volcano-sedimentary hosted Darrehnoghreh Pb-Zn deposits in northwest of Golpaygan, Sanandaj-Sirjan Zone. Proceedings of the 8th Symposium of Iranian Society of Economic Geology, University of Zanjan, Zanjan, Iran, 17-18 Sep. 2016, in Persian with English abstract, v. 3, p. 23-35.
- 150) Ghaderi, M., Fazli, N., Yan, S., Lentz, D.R., Li, J.-W. (2016): Fluid inclusion studies on North Narbaghi intermediate sulfidation epithermal Ag-Cu deposit, Urumieh-Dokhtar magmatic arc, Iran. World Multidisciplinary Earth Sciences Symposium 2016 (WMESS 2016), Prague, Czech Republic, Sep. 5-9, 2016, Abstract Collection Book, p. 141.
- 149) Eskandarnejad Tehrani, M., Afzal, P., Ghaderi, M. (2016): Determination of Cu mineralized zones utilizing number-size (N-S) fractal modeling in Takht-e-Gonbad porphyry deposit (SE Iran). 35th International Geological Congress, Cape Town, South Africa, 27 Aug. – 4 Sep. 2016, Abstracts, Paper Number 125.
- 148) Ghaderi, M., Heidari, S.M., Moosavi-Makooii, S.A. (2015): Tectono-magmatic evolution and gold deposit types in western Iran. Proceedings of the Second International Workshop on Tethyan Orogenesis and Metallogeny in Asia and Silk Road Higher Education Cooperation Forum, Wuhan, China, 16-21 Oct. 2015.
- 147) Ghorbani, M.R., Ahmadi, P., Braschi, E., Conticelli, S., Ghaderi, M. (2015): Sr isotopic ratios of two magmatic series unravelling the role of crustal contamination in NW Firoozeh, NE Iran. 11th Applied Isotope Geochemistry Conference, AIG-11 BRGM, Orléans, France, Sep. 21-25, 2015, Procedia Earth and Planetary Sciences, v. 13, p. 287-290.
- 146) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2015): Garnet and pyroxene chemistry in Senjedak-I anomaly, east of Sangan iron mine. Proceedings of the 7th Symposium of Iranian Society of Economic Geology, University of Damghan, Damghan, Iran, 9-10 Sep. 2015, in Persian with English abstract, CD-ROM.
- 145) Eslami, A., Ghaderi, M., Beiranvand Pour, A., Hashim, M. (2015): Integration of ASTER and Landsat TM satellite data for lithological mapping and chromite prospecting. Proceedings of the 2015 International Conference on Space Science and Communication (IconSpace), Langkawi, Malaysia, 10-12 Aug. 2015. IEEE Conference Publications, p. 71-74, DOI: 10.1109/IconSpace.2015.7283783
- 144) Eslami, A., Ghaderi, M., Azimzadeh, A.M., Mungall, J.E., Ames, D.E., Aiglsperger, T., Proenza, J.A., Grieco, G., Fantone, I., Balaram, V., Satyanarayanan, M. (2015): Preliminary in-situ and ex-situ investigations of platinum-group minerals in the Cheshmeh-Bid chromite deposit, Khajeh-Jamali ophiolite, southern Iran. 12th International Conference for Applied Mineralogy, Istanbul, Turkey, 10-12 Aug. 2015.
- 143) Ghaderi, M., Kouhestani, H., Large, R.R., Zaw, K. (2015): Epithermal ore genesis studies at Chah Zard gold-silver deposit, Iran, using textural and chemical trace element zonation of pyrite. Asia Oceania Geosciences Society, 12th Annual Meeting, Singapore, 2-7 Aug. 2015, Abstracts.
- 142) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2015): Mineralization and geochemical studies at Ma'danjoo Fe skarn prospect area, east of Sangan mine, NE Iran. Proceedings of the Second International Applied Geological Congress, Islamic Azad University, Mashhad, Iran, 19-21 May 2015, p. 118-125.
- 141) Yasami, N., Ghaderi, M. (2015): Study of copper mineralization using IP and RS geophysical methods in Chodarchay deposit, east of Zanjan. Proceedings of the 33rd Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 22-24 Feb. 2015, in Persian with English abstract, CD-ROM.
- 140) Fazli, N., Ghaderi, M., Maghfouri, S. (2015): Eastern Narbaghi Manto-type stratabound copper mineralization in Eocene volcano-sedimentary sequence, northeast Saveh, Iran. Proceedings of the 33rd Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 22-24 Feb. 2015, in Persian with English abstract, CD-ROM.
- 139) Shahbazi, S., Ghaderi, M. (2014): Zehabad gold mineralization, an example of epithermal deposits related to high potassium magmatism in post-subduction extensional basin. Proceedings of the 18th Symposium of Geological Society of Iran, Tarbiat Modares University, Tehran, Iran, 24-25 Dec. 2014, in Persian, v. 4, p. 990-999.
- 138) Fazli, N., Ghaderi, M. (2014): Petrography, alteration at Narbaghi Cu-Ag deposit, NE Saveh, central part of Urumieh-Dikhtar magmatic arc. Proceedings of the 18th Symposium of Geological Society of Iran, Tarbiat Modares University, Tehran, Iran, 24-25 Dec. 2014, in Persian, v. 4, p. 1000-1008.
- 137) Eslami, A., Ghaderi, M., Grieco, G., Mackizadeh, M.A. (2014): Factors controlling ferrian chromite formation from chromitite and pyroxenite of the Cheshmeh-Bid deposit, Neyriz ophiolite, Iran. Proceedings of the Ophiolite Symposium (OPHS), University of Damghan, Damghan, Iran, 18 Sep. 2014, in Persian with English abstract, CD-ROM.

- 136) Eslami, A., Ghaderi, M., Balaram, V., Satyanarayanan, M. (2014): Geochemical comparison of platinum group elements and gold in the chromitites of Neyriz ophiolites (Fars) and Soghan mafic-ultramafic complex (Kerman). Proceedings of the 6th Symposium of Iranian Society of Economic Geology, Sistan and Baluchestan University, Zahedan, Iran, 13-14 Sep. 2014, in Persian with English abstract, CD-ROM.
- 135) Eskandarnejad-Tehrani, M., Afzal, P., Ghaderi, M. (2014): Identification of Mo mineralized zones using concentration-volume fractal model in Takht-e-Gonbad porphyry deposit, NE Sirjan. Mining Engineering Organization, Mazandaran Province, Mining Sciences National Conference, Sari, Iran, 2-3 Sep. 2014, in Persian with English abstract, CD-ROM.
- 134) Ghaderi, M., Kouhestani, H., Chang, Z., Zaw, K. (2014): Breccia-hosted low- to intermediate-sulfidation epithermal mineralization at Chah Zard Au–Ag deposit, Iran. Asia Oceania Geosciences Society, 11th Annual Meeting, Sapporo, Japan, 28 July-1 Aug. 2014, Abstracts.
- 133) Yeganehfar, H., Ghorbani, M.R., Shinjo, R., Ghaderi, M. (2013): Geochemistry of subduction-related volcanic rocks from south Ardestan. Proceedings of the 7th Symposium of Geology, Lorestan Payam-e-Noor University, Khorramabad, Iran, 20-22 Nov. 2013, Persian and English abstracts, p. 2-3.
- 132) Samiee, S., Karimpour, M.H., Ghaderi, M., Haidarian-Shahri, M.R. (2013): Petrology and geochemistry of volcanic rocks of Khunik prospect area, south of Birjand. Proceedings of the 17th Symposium of Geological Society of Iran, Shahid Beheshti University, Tehran, Iran, 29-30 Oct. 2013, in Persian, v. 3, p. 645-652.
- 131) Mizan, M., Alirezaei, S., Ghaderi, M. (2013): The role of structural control and host rock in copper mineralization at Chahar-Gonbad deposit, Sirjan. Proceedings of the 17th Symposium of Geological Society of Iran, Shahid Beheshti University, Tehran, Iran, 29-30 Oct. 2013, in Persian, v. 4, p. 432-439.
- 130) Mazhari, N., Malekzadeh Shafaroudi, A., Ghaderi, M. (2013): Mapping different types of iron mineralization, using ASTER data in central and eastern anomalies of Sangan mine, Khaf, Khorasan Razavi province. Proceedings of the 17th Symposium of Geological Society of Iran, Shahid Beheshti University, Tehran, Iran, 29-30 Oct. 2013, in Persian, v. 10, p. 10-17.
- 129) Eslami, A., Ghaderi, M., Azimzadeh, A.M. (2013): Innovative applications of electric pulse disaggregation and hydro-separation techniques in the exploration of platinum group elements in the Zagros ophiolites. 1st International Congress on Zagros Orogen, Geological Society of Iran, Shahid Beheshti University, Tehran, Iran, 29 Oct., 2013, v. 13, p. 22-31.
- 128) Ghalamghash, J., Ramezani, J., Ghaderi, M. (2013): Tectono-magmatic episodes in Iran: 32 years after the publication of Berberian and Berberian (1981). 125th Anniversary Annual Meeting, Geological Society of America, Denver, Colorado, U.S.A., 27-30 Oct., 2013, Abstracts with programs, v. 45, no. 7, p. 514.
- 127) Samiee, S., Karimpour, M.H., Haidarian-Shahri, M.R., Ghaderi, M. (2013): Petrography and geochemistry of subvolcanic intrusives in Khunik prospect area, southwest of Birjand. Proceedings of the 5th Symposium of Iranian Society of Economic Geology, Ferdowsi University of Mashhad, Mashhad, Iran, 11-12 Sep. 2013, in Persian with English abstract, CD-ROM, p. 361-367.
- 126) Najafi, A., Karimpour, M.H., Ghaderi, M. (2013): Geochemical classification of copper-gold veins in Kaje prospecting area, northwest of Ferdows. Proceedings of the 5th Symposium of Iranian Society of Economic Geology, Ferdowsi University of Mashhad, Mashhad, Iran, 11-12 Sep. 2013, in Persian with English abstract, CD-ROM, p. 501-508.
- 125) Deevsalar, R., Ghorbani, M.R., Ghaderi, M., Ahmadian, J. (2013): Genetic classification based on AFM. Goldschmidt 2013 Conference, Florence, Italy, 25-30 Aug. 2013, Abstracts, p. 961.
- 124) Ghaderi, M., Kouhestani, H., Chang, Z., Zaw, K. (2013): Fluid inclusion and stable isotope constraints on the ore fluids in the Chah Zard breccia-hosted epithermal Au–Ag deposit, west-central Iran. ECROFI XXII meeting, Antalya, Turkey, 4-9 June 2013, Abstract book, p. 132.
- 123) Ahmadvand, A., Ghorbani, M.R., Amoozad-Khalili, D., Yeganehfar, H., Ghaderi, M. (2012): Geochemistry and petrology of basic volcanic rocks from southwest of Shahrab (Ardestan). Proceedings of the 31st Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 1-2 Dec. 2012, in Persian with English abstract, CD-ROM.
- 122) Samiee, S., Haidarian-Shahri, M.R., Karimpour, M.H., Ghaderi, M. (2012b): Interpretation of geophysical survey using IP/RS method of Khunik prospecting area based on geology, alteration and mineralization. Proceedings of the 4th Symposium of Iranian Society of Economic Geology, University of Birjand, Birjand, Iran, 30-31 Aug. 2012, in Persian with English abstract, CD-ROM, p. 298-305.
- 121) Najafi, A., Karimpour, M.H., Ghaderi, M. (2012b): Comparison of the Rahimi Cu-Au prospecting area with major IOCG deposits in the world and Iran. Proceedings of the 4th Symposium of Iranian Society of Economic Geology, University of Birjand, Birjand, Iran, 30-31 Aug. 2012, in Persian with English abstract, CD-ROM, p. 156-162.
- 120) Mazhari, M.S., Ghaderi, M., Karimpour, M.H. (2012): Characteristics of ore-forming fluids at Aliabad-Morvarid magnetite-apatite mineralization, southeast Zanjan, Western Alborz-Azerbaijan zone. Proceedings of the 4th Symposium of Iranian Society of Economic Geology, University of Birjand, Birjand, Iran, 30-31 Aug. 2012, in Persian with English abstract, CD-ROM, p. 144-149.

- 119) Ghaderi, M., Kouhestani, H., Zaw, K., Meffre, S. (2012c): Constraints on the Chah Zard Au–Ag mineralization, west-central Iran using whole-rock and Sr–Nd isotope geochemistry of volcanic host rocks. Asia Oceania Geosciences Society, AOGS - AGU (WPGM) Joint Assembly, Singapore, 13-17 Aug. 2012, Abstracts.
- 118) Ghaderi, M., Kouhestani, H., Zaw, K., Mernagh, T. (2012b): Fluid inclusion microthermometry and Raman spectroscopic analysis of the Chah Zard epithermal gold-silver deposit, west central Iran. Asian Current Research On Fluid Inclusions (ACROFI) IV, Brisbane, Australia, 11-12 Aug. 2012, Abstracts, p. 29.
- 117) Ghaderi, M., Kouhestani, H., Chang, Z., Zaw, K. (2012a): Fluid inclusion and stable isotope study of the Chah Zard breccia-hosted epithermal gold-silver deposit, west central Iran. 34th International Geological Congress, Brisbane, Australia, 5-10 Aug. 2012, Abstracts.
- 116) Samiee, S., Karimpour, M.H., Ghaderi, M., Heidarian-Shahri, M.R. (2012a): Geology, alteration, mineralization and geochemistry of Khunik area, South Khorasan. Proceedings of the 3rd Symposium of Iranian Society of Economic Geology, Shahid Chamran University, Ahwaz, Iran, 23-24 Feb. 2012, in Persian with English abstract, CD-ROM.
- 115) Najafi, A., Karimpour, M.H., Ghaderi, M. (2012a): Geochemical characteristics of the intrusive rocks related to copper-gold mineralization at Kajeh prospecting area, northwest of Ferdows. Proceedings of the 3rd Symposium of Iranian Society of Economic Geology, Shahid Chamran University, Ahwaz, Iran, 23-24 Feb. 2012, in Persian with English abstract, CD-ROM.
- 114) Ghavi, J., Karimpour, M.H., Ghaderi, M. (2012): Distribution pattern, type an source of heavy minerals in the Tarikdarreh target, NE Iran. Proceedings of the Third Symposium of Iranian Society of Economic Geology, Shahid Chamran University, Ahwaz, Iran, 23-24 Feb. 2012, in Persian with English abstract, CD-ROM.
- 113) Yeganehfari, H., Ghorbani, M.R., Shinjo, R., Ghaderi, M. (2012): Petrogenesis of Tertiary basic volcanic rocks from west Nain. Proceedings of the 30th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 20-22 Feb. 2012, in Persian with English abstract, CD-ROM.
- 112) Kashani, H., Ghaderi, M. (2012): Geology, alteration and mineralization in Gorouh porphyry copper prospect, south of Kerman. Proceedings of the 30th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 20-22 Feb. 2012, in Persian with English abstract, CD-ROM.
- 111) Ghaderi, S., Rastad, E., Ghaderi, M., Rashidnejad-Omrani, N., Mohajjel, M. (2012): Vein-type and stratabound W (Cu-Au) mineralization in Iran, with emphasis on Southern Chah Palang deposit, southeast of Anarak. Proceedings of the 30th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 20-22 Feb. 2012, in Persian with English abstract, CD-ROM.
- 110) Ahmadvand, A., Ghorbani, M.R., Amoozad-Khalili, D., Yeganeifar, H., Ghaderi, M. (2012): Evolution of Eocene basic magmatism to intermediate magmatism in southwest of Shahrab (Ardestan). Proceedings of the 30th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 20-22 Feb. 2012, in Persian with English abstract, CD-ROM.
- 109) Ahmadi, P., Ghorbani, M.R., Ghaderi, M. (2012): Eocene volcanic evolution in northwest Neyshabur. Proceedings of the 30th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 20-22 Feb. 2012, in Persian with English abstract, CD-ROM.
- 108) Aghabazzaz, F., Ghorbani, M.R., Ghaderi, M., Soltani, A. (2012): Petrology and geochemistry of adakites in northwest of Neyshabur. Proceedings of the 30th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 20-22 Feb. 2012, in Persian with English abstract, CD-ROM.
- 107) Kashani, H., Ghaderi, M. (2011): Petrology and geochemistry of intrusive rocks at Gorouh porphyry copper deposit, south of Kerman. Proceedings of the 15th Symposium of Geological Society of Iran, Tarbiat Moalem University, Tehran, Iran, 14-15 Dec. 2011, in Persian, CD-ROM.
- 106) Hosseini, M.R., Ghaderi, M., Alirezaei, S. (2011b): Types of vein-veinlet systems and their relationship with mineralization at Takht-e-Gonbad copper deposit, northeast of Sirjan. Proceedings of the 15th Symposium of Geological Society of Iran, Tarbiat Moalem University, Tehran, Iran, 14-15 Dec. 2011, in Persian, CD-ROM.
- 105) Ahmadi, P., Ghorbani, M.R., Soltani-Dehnavi, A., Ghaderi, M. (2011): Geochemistry and tectonic setting of alkaline volcanic rocks, northwest Neyshabour. Proceedings of the 15th Symposium of Geological Society of Iran, Tarbiat Moalem University, Tehran, Iran, 14-15 Dec. 2011, in Persian, CD-ROM.
- 104) Hosseini, M.R., Ghaderi, M., Alirezaei, S. (2011a): Geology, alteration and mineralization characteristics of Takht-e-Gonbad copper deposit, northeast Sirjan. Proceedings of the 1st World Copper Congress in Iran, Tehran, Iran, 24-26 Oct. 2011, p. 160-170, in Persian with English abstract.
- 103) Alimohammadi, M., Alirezaei, S., Ghaderi, M. (2011): Mapping of hydrothermal alterations associated with copper mineralization in the Sarmeshk area, south Kerman, based on the spectral analysis of ASTER data. Proceedings of the 1st World Copper Congress in Iran, Tehran, Iran, 24-26 Oct. 2011, p. 96-108, in Persian with English abstract.
- 102) Mortazavi, S.M., Ghaderi, M. (2011): Petrography and mineralography resulted from effecting phases on magmatic rocks at Nowchun porphyry copper deposit, Sirjan, Kerman, Iran. Proceedings of the 19th Symposium of Society of Crystallography and Mineralogy of Iran, Golestan University, Gorgan, Iran, 7-8 Sep. 2011, p. 720-723, in Persian with English abstract.

- 101) Ghaderi, M., Kouhestani, H., Zaw, K., Meffre, S. (2011c): Geochemistry and geochronology study on Chah Zard deposit: A breccia-hosted Ag-Au epithermal mineralization in Iran. Asia Oceania Geosciences Society, 8th Annual Meeting, Taipei, Taiwan, 8-12 Aug. 2011, Abstracts.
- 100) Samiee, S., Karimpour, M.H., Ghaderi, M., Haidarian-Shahri, M.R. (2011): Geology, alteration and mineralization potential in Khoonik area, south of Birjand. Proceedings of the 2nd Symposium of Iranian Society of Economic Geology, Lorestan University, Khorramabad, Iran, 6-7 July 2011, in Persian with English abstract, CD-ROM.
- 99) Najafi, A., Karimpour, M.H., Ghaderi, M. (2011): IOCG prospectivity modelling in Taherabad using geological, alteration, geochemical and geophysical data. Proceedings of the 2nd Symposium of Iranian Society of Economic Geology, Lorestan University, Khorramabad, Iran, 6-7 July 2011, in Persian with English abstract, CD-ROM.
- 98) Ghavi, J., Karimpour, M.H., Mazaheri, S.A., Ghaderi, M. (2011): Au-As mineralization in the northwest margin of Torbat-e-Jam granitoid body, NE Iran. Proceedings of the 2nd Symposium of Iranian Society of Economic Geology, Lorestan University, Khorramabad, Iran, 6-7 July 2011, in Persian with English abstract, CD-ROM.
- 97) Ghaderi, M., Nabatian, G., Rashidnejad-Omrان, N., Daliran, F. (2011b): Sorkhe-Dizaj iron oxide – apatite deposit, northwest Iran: mineralogy, texture, structure and alteration. Proceedings of 11th International Multidisciplinary Scientific GeoConference, Albena, Bulgaria, 20-25 June 2011, p. 941-948.
- 96) Ghaderi, M., Kouhestani, H., Zaw, K., Meffre, S. (2011a): U-Pb geochronology and Pb isotope characteristics of Chah Zard Ag-Au epithermal deposit, west-central Iran. Proceedings of 11th International Multidisciplinary Scientific GeoConference, Albena, Bulgaria, 20-25 June 2011, p. 1039-1046.
- 95) Moslempour, M.E., Khalatbari-Jafari, M., Ghaderi, M. (2011): Peridotite-melt interactions and fluid metasomatism in upper mantle, using geochemistry and petrography of peridotites from Fannuj-Maskutan ophiolite complex, Makran. Proceedings of the 2nd Geosciences symposium held to honour Dr Abdolkarim Gharib, Islamic Azad University (Ashtian Branch), Ashtian, Iran, 31 May-1 June 2011, in Persian with English abstract, CD-ROM.
- 94) Shahbazi, S., Ghaderi, M., Rashidnejad-Omrان, N. (2011): Determining the source and temperature of ore-forming fluid and presenting genetic model for Bashkand iron deposit using geochemical as well as oxygen and sulfur stable isotope studies. Proceedings of the 29th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 15-16 Feb. 2011, in Persian with English abstract, CD-ROM.
- 93) Amanati, E., Ghorbani, M.R., Abrishami, H.R., Ghaderi, M. (2011): Petrogenesis of felsic volcanic rocks in southwest of Nadushan, west of Yazd. Proceedings of the 29th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 15-16 Feb. 2011, in Persian with English abstract, CD-ROM.
- 92) Kouhestani, H., Ghaderi, M., Zaw, K. (2010b): Chah-Zard, a breccia-hosted epithermal silver-gold deposit in the Tethyan belt of Iran. Geological Society of Australia, 24th Victorian Universities Earth and Environmental Sciences Conference, The University of Melbourne, Australia, 5 Nov. 2010, Abstracts No. 99, p. 21.
- 91) Shahbazi, S., Ghaderi, M., Rashidnejad-Omrان, N. (2010e): Copper, oxygen and sulfur stable isotope evidence from Bashkand iron deposit, northwest Iran. Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia, Ankara, Turkey, 4-8 October 2010, Abstracts, p. 47.
- 90) Salehian, M., Ghaderi, M. (2010d): Fluid inclusion evolution at Daralu porphyry copper deposit, southeast Iran. Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia, Ankara, Turkey, 4-8 October 2010, Abstracts, p. 47.
- 89) Shahbazi, S., Ghaderi, M., Rashidnejad-Omrان, N. (2010d): Formation, evolution and geological setting of Bashkand iron deposit, southwest of Soltanieh, based on paragenetic evidence, sulfur isotope and geochemistry. Proceedings of the 14th Symposium of Geological Society of Iran and the 28th Symposium on Geosciences, University of Urmia, Urmia, Iran, 16-18 Sep. 2010, in Persian with English abstract, CD-ROM.
- 88) Salehian, M., Ghaderi, M. (2010c): Geological and geochemical study on Daralu porphyry copper deposit, south of Kerman. Proceedings of the 14th Symposium of Geological Society of Iran and the 28th Symposium on Geosciences, University of Urmia, Urmia, Iran, 16-18 Sep. 2010, in Persian with English abstract, CD-ROM.
- 87) Ghavi, J., Karimpour, M.H., Ghaderi, M., Rahimi, B., Mazaheri, S.A. (2010b): Geology and mineralization zones in Tarik-Darreh Au-W prospect area, north of Torbat-e-Jam, NE Iran. Proceedings of the 14th Symposium of Geological Society of Iran and the 28th Symposium on Geosciences, University of Urmia, Urmia, Iran, 16-18 Sep. 2010, in Persian with English abstract, CD-ROM.
- 86) Shahbazi, S., Ghaderi, M., Rashidnejad-Omrان, N. (2010c): Mineralogy, alteration, structure and texture and paragenesis of Bashkand iron deposit, southwest of Soltanieh. Proceedings of the 18th Symposium of Society of Crystallography and Mineralogy of Iran, University of Tabriz, Tabriz, Iran, 15-16 Sep. 2010, p. 547-553, in Persian with English abstract.
- 85) Nabatian, G., Ghaderi, M., Rashidnejad-Omrان, N., Daliran, F. (2010): Microthermometry and genesis of Sorkheh-Dizaj iron oxide-apatite deposit in Tarom volcanoplutonic belt, southeast of Zanjan. Proceedings of the 18th Symposium of Society of Crystallography and Mineralogy of Iran, University of Tabriz, Tabriz, Iran, 15-16 Sep. 2010, p. 1019-1025, in Persian with English abstract.
- 84) Shahbazi, S., Ghaderi, M., Rashidnejad-Omrان, N. (2010b): Bashkand skarn iron mineralization in southwest of Soltanieh; based on structure and texture as well as geochemical studies. Proceedings of the 1st Symposium of Iranian

Society of Economic Geology, Ferdowsi University of Mashhad, Iran, 12-13 Sep. 2010, p. 132-139, in Persian with English abstract.

- 83) Salehian, M., Ghaderi, M. (2010b): Hydrothermal evolution of the Daralu porphyry copper deposit, south Kerman. Proceedings of the 1st Symposium of Iranian Society of Economic Geology, Ferdowsi University of Mashhad, Iran, 12-13 Sep. 2010, p. 7-13, in Persian with English abstract.
- 82) Rostami-Paydar, Gh., Amiri, A., Lotfi, M., Ghaderi, M. (2010): Geochemistry and origin of Galali iron deposit (NW Hamedan, Iran), Proceedings of the 1st Symposium of Iranian Society of Economic Geology, Ferdowsi University of Mashhad, Iran, 12-13 Sep. 2010, p. 241-247, with Persian abstract.
- 81) Mohammaddoost, H., Ghaderi, M., Rashidnejad-Omran, N. (2010c): Source of sulfur and temperature of mineralization in Qamsar Fe (Cu-Co) skarn deposit, south of Kashan. Proceedings of the 1st Symposium of Iranian Society of Economic Geology, Ferdowsi University of Mashhad, Iran, 12-13 Sep. 2010, p. 140-146, in Persian with English abstract.
- 80) Ghavi, J., Karimpour, M.H., Mazaheri, S.A., Ghaderi, M., Rahimi, B. (2010a): Heavy mineral dispersion and geochemical distribution of metallic elements in Yakhak prospect area, noth of Torbet-e-Jam, NE Iran. Proceedings of the 1st Symposium of Iranian Society of Economic Geology, Ferdowsi University of Mashhad, Iran, 12-13 Sep. 2010, p. 773-779, in Persian with English abstract.
- 79) Ghaderi, M., Kouhestani, H. (2010): Chah Zard deposit: the first report of Ag-Au epithermal mineralization with brecciated host in Iran. Asia Oceania Geosciences Society, 7th Annual Meeting, Hyderabad, India, 5-9 July 2010, Abstracts.
- 78) Shahbazi, S., Ghaderi, M., Rashidnejad-Omran, N. (2010a): Formation of magnesian iron skarn at Bashkand, SW of Soltanieh, NW Iran. Proceedings of the 1st International Applied Geological Congress, Islamic Azad University, Mashhad, Iran, 26-28 Apr. 2010, v. 2, p. 2133-2140.
- 77) Salehian, M., Ghaderi, M. (2010a): Alteration and mineralization at Daralu porphyry copper deposit, south of Kerman, southeast Iran. Proceedings of the 1st International Applied Geological Congress, Islamic Azad University, Mashhad, Iran, 26-28 Apr. 2010, v. 1, p. 155-161.
- 76) Mohammaddoost, H., Ghaderi, M., Rashidnejad-Omran, N. (2010b): Ore mineralization at Qamsar cobalt deposit: skarn and metasomatism evidences. Proceedings of the 1st International Applied Geological Congress, Islamic Azad University, Mashhad, Iran, 26-28 Apr. 2010, v. 1, p. 61-66.
- 75) Mazhari, M.S., Ghaderi, M., Karimpour, M.H. (2010b): Aliabad-Morvarid iron-apatite deposit, a Kiruna type example in Iran. Proceedings of the 1st International Applied Geological Congress, Islamic Azad University, Mashhad, Iran, 26-28 Apr. 2010, v. 1, p. 99-103.
- 74) Mohammaddoost, H., Ghaderi, M., Rashidnejad-Omran, N. (2010a): Study on mineralogy, alteration, structure and texture at Qamsar cobalt deposit, south of Kashan. Proceedings of the 27th Symposium on Geosciences and the 13th Symposium of Geological Society of Iran, Geological Survey of Iran, Tehran, Iran, 20-22 Feb. 2010, in Persian with English abstract, CD-ROM.
- 73) Mazhari, M.S., Ghaderi, M., Karimpour, M.H. (2010a): Aliabad-Morvarid apatite-iron deposit: an example of Kiruna type in Tarom zone. Proceedings of the 27th Symposium on Geosciences and the 13th Symposium of Geological Society of Iran, Geological Survey of Iran, Tehran, Iran, 20-22 Feb. 2010, in Persian with English abstract, CD-ROM.
- 72) Kouhestani, H., Ghaderi, M., Emami, M.H. (2010a): Geological, alteration and mineralization characteristics of Chah Zard deposit, SW Yazd: epithermal Ag-Au mineralization with brecciated host. Proceedings of the 27th Symposium on Geosciences and the 13th Symposium of Geological Society of Iran, Geological Survey of Iran, Tehran, Iran, 20-22 Feb. 2010, in Persian with English abstract, CD-ROM.
- 71) Salehi, T., Ghaderi, M., Rashidnejad-Omran, N. (2009): Gomish-tappeh Zn-Pb (Cu-Ag) deposit, southwest Zanjan: an example of vein-type epithermal mineralization. Proceedings of the 3rd Symposium of Geology, Payam-e-Noor University, Isfahan, Iran, 26-27 Oct. 2009, in Persian with English abstract, p. 105-110.
- 70) Ghaderi, M., Ramezani, J., Bowring, S. (2009): Ages of plutonic activity in the Sanandaj-Sirjan Zone, Iran: implication for plate convergence and Zagros collision. 2009 Annual Meeting, Geological Society of America, Portland, Oregon, U.S.A., 18-21 Oct. 2009, Abstracts with programs.
- 69) Salehi, T., Ghaderi, M., Rashidnejad-Omran, N. (2009): Study of epithermal Zn-Pb-Cu (Ag) mineralization at Gomish-tappeh deposit, southwest of Zanjan. Proceedings of the 17th Conference of Society of Crystallography and Mineralogy of Iran, Bu-Ali Sina University, Hamedan, Iran, 12-13 Aug. 2009, in Persian with English abstract, CD-ROM.
- 68) Mazhari, M., Ghaderi, M., Karimpour, M.H. (2009): Aliabad-Morvarid iron-apatite mineralization in southeast of Zanjan. Proceedings of the 17th Conference of Society of Crystallography and Mineralogy of Iran, Bu-Ali Sina University, Hamedan, Iran, 12-13 Aug. 2009, in Persian with English abstract, CD-ROM.

- 67) Salehi, T., Ghaderi, M., Rashidnejad-Omran, N. (2008): Geochemical and microthermometric studies on Gomish-tappeh Zn-Pb (Cu-Ag) deposit, southwest Qeydar. 12th Symposium of Geological Society of Iran, Ahwaz, Iran, 18-20 Feb. 2009, in Persian, p. 961.
- 66) Rostami-Paydar, Gh., Lotfi, M., Ghaderi, M., Vossoughi-Abedini, M. (2009): Microthermometry of fluid inclusions in iron deposits, northwest Hamedan (case study: Baba-Ali & Galali). 12th Symposium of Geological Society of Iran, Ahwaz, Iran, 18-20 Feb. 2009, in Persian with English abstract.
- 65) Rastin, V., Zadeh-Nilsaz, E., Lotfi, M., Ghaderi, M. (2009): Study of genetic controls based on isotope geochemistry in relation to geological processes for Pb-Zn ore deposits at Kuh-e-Bishali and south of Lakan village west of Khomeyn, Markazi Province. 12th Symposium of Geological Society of Iran, Ahwaz, Iran, 18-20 Feb. 2009, in Persian with English abstract, p. 447-453.
- 64) Nabatian, G., Ghaderi, M., Rashidnejad-Omran, N., Daliran, F. (2009): Sorkheh-Dizaj apatite-iron oxide deposit in southeast Zanjan, in view of fluid inclusion microthermometric data. 12th Symposium of Geological Society of Iran, Ahwaz, Iran, 18-20 Feb. 2009, in Persian with English abstract.
- 63) Salehi, T., Ghaderi, M., Rashidnejad-Omran, N. (2008): Mineralogy, alteration, structure and texture of Gomish-tappeh epithermal vein Zn-Pb (Cu-Ag) deposit in southwest Qeydar. Proceedings of the 16th Conference of Crystallography and Mineralogy of Iran, Gilan University, Rasht, Iran, 12-13 Nov. 2008, in Persian, CD-ROM.
- 62) Jafari, T., Ghaderi, M., Rashidnejad-Omran, N., Rastad, E. (2008): Stratiform barite mineralization in Lower Cretaceous Sedimentary-volcanic units in west of Teleghan, Central Alborz. Proceedings of the 16th Conference of Crystallography and Mineralogy of Iran, Gilan University, Rasht, Iran, 12-13 Nov. 2008, in Persian, CD-ROM.
- 61) Salehi, T., Ghaderi, M., Rashidnejad-Omran, N. (2008): Epithermal Zn-Pb-Cu (Ag) mineralization, SW Qeydar, NW Iran: geology, mineralization and alteration. Fedorov Session 2008, Saint Petersburg, Russia, 8-10 Oct. 2008, Abstracts, p. 103.
- 60) Shirkhani, M., Ghaderi, M., Rashidnejad-Omran, N. (2008): AyQalesi deposit, SE Takab: An example of intermediate sulfidation epithermal base and precious metal deposits. 33rd International Geological Congress, Oslo, Norway, 6-14 Aug. 2008, Abstracts.
- 59) Salehi, T., Ghaderi, M., Rashidnejad-Omran, N. (2008): Gomish-tappeh: an example of epithermal base metal vein mineralization in southwest of Qeydar, NW Iran. 33rd International Geological Congress, Oslo, Norway, 6-14 Aug. 2008, Abstracts.
- 58) Nabatian, G., Ghaderi, M., Rashidnejad-Omran, N., Daliran, F. (2008): Apatite-iron oxide ore at Sorkheh-Dizaj deposit, northwest Iran. 33rd International Geological Congress, Oslo, Norway, 6-14 Aug. 2008, Abstracts.
- 57) Jafari, T., Ghaderi, M., Rashidnejad-Omran, N., Rastad, E. (2008): Amirnan deposit: A sedimentary-exhalative barite (Pb-Cu) deposit in Central Alborz, northern Iran. 33rd International Geological Congress, Oslo, Norway, 6-14 Aug. 2008, Abstracts.
- 56) Abdi, M., Ghaderi, M., Rashidnejad-Omran, N. (2008): Relationship between tourmaline and tungsten mineralization in southwest of Shazand, west central Iran. 33rd International Geological Congress, Oslo, Norway, 6-14 Aug. 2008, Abstracts.
- 55) Nabatian, G., Ghaderi, M., Rashidnejad-Omran, N., Daliran, F. (2008): Application of electron microprobe investigations in the study of Sorkheh-Dizaj ironapatite deposit, southeast Zanjan. Proceedings of the 26th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 17-19 Feb. 2008, in Persian with English abstract, CD-ROM.
- 54) Nabatian, G., Ghaderi, M., Rashidnejad-Omran, N., Daliran, F. (2008): Iron-apatite mineralization at Sorkheh-Dizaj, Aliabad and Morvarieh deposits, southeast Zanjan. Proceedings of the 15th Conference of Crystallography and Mineralogy of Iran, Ferdowsi University, Mashhad, Iran, 13-14 Feb. 2008, in Persian, p. 638-643.
- 53) Vatanpour, H.R., Khakzad, A., Vossoughi-Abedini, M., Alavi, A., Ghaderi, M., Yousefi, A. (2007): Geochemistry of chromite deposits in westernmost part of Sabzevar Ophiolitic Belt. Proceedings of the 1st Iranian Applied Geological Congress, Islamic Azad University, Mashad Branch, Mashad, Iran, 15-16 May 2007, in Persian with English abstract, p. 1090-1101.
- 52) Shirkhani, M., Ghaderi, M., Rashidnejad-Omran, N., Mohammadi-Niae, R. (2007): Interpretation and exploration application of Enzyme Leach SM analytical data at AyQalesi polymetallic deposit, southeast Takab. Proceedings of the 25th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 19-21 Feb. 2007, in Persian with English abstract, CD-ROM.
- 51) Pirouzi, M., Ghaderi, M., Rashidnejad-Omran, N., Rastad, E. (2007): New fluid inclusion findings at Kamar-Mehdi fluorite deposit. Proceedings of the 25th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 19-21 Feb. 2007, in Persian with English abstract, CD-ROM.
- 50) Shirkhani, M., Rashidnejad-Omran, N., Ghaderi, M. (2006): Polymetallic hydrothermal mineralization at AyQalesi deposit, southeast Takab. 10th Symposium of Geological Society of Iran, Tarbiat Modares University, Tehran, Iran, 4-6 Sep. 2006, in Persian, p. 501-508.

- 49) Piroozfar, P., Rashidnejad-Omrani, N., Ghaderi, M. (2006): Magmatic-hydrothermal iron mineralization at Panjkuh area, southeast Damghan. 10th Symposium of Geological Society of Iran, Tarbiat Modares University, Tehran, Iran, 4-6 Sep. 2006, in Persian, p. 284-292.
- 48) Ghiasvand, A., Ghaderi, M., Rashidnejad-Omrani, N. (2006): Petrology, alteration, geochemistry and genesis of iron deposits in north of Semnan. 10th Symposium of Geological Society of Iran, Tarbiat Modares University, Tehran, Iran, 4-6 Sep. 2006, in Persian, p. 436-444.
- 47) Azizi, P., Rashidnejad-Omrani, N., Ghaderi, M. (2006): The study of alteration and Zn-Pb skarn mineralization in Namar deposit, Central Alborz. Proceedings of the 24th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 27 Feb.- 1 Mar. 2006, in Persian with English abstract, CD-ROM.
- 46) Azizi, P., Ghaderi, M., Rashidnejad-Omrani, N. (2006): The study of role of major and trace elements in plutons related to skarn mineralization considering the case study of Namar deposit, Central Alborz. Proceedings of the 24th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 27 Feb. - 1 Mar. 2006, in Persian with English abstract, CD-ROM.
- 45) Zeinadini, E., Ghaderi, M., Talebi, M., Abdolzadeh, M., Yousefi, S.J., Shafiee, B. (2006): Mineralogy, alteration and fluid inclusion microthermometry study of Serenu porphyry copper occurrence, northwest of Shahr-e-Babak. Proceedings of the 13th Conference of Crystallography and Mineralogy of Iran, Shahid Bahonar University, Kerman, Iran, 1-2 Feb. 2006, in Persian, p. 164-169.
- 44) Talebi, M., Ghaderi, M., Abdolzadeh, M., Yousefi, S.J., Shafiee, B. (2006): Mineralogy, alteration and fluid inclusion studies of Iju porphyry copper deposit, northwest of Shahr-e-Babak, Proceedings of the 13th Conference of Crystallography and Mineralogy of Iran, Shahid Bahonar University, Kerman, Iran, 1-2 Feb. 2006, in Persian, p. 164-169.
- 43) Piroozfar, P., Ghaderi, M., Rashidnejad-Omrani, N. (2006): Mineralogy and paragenetic sequence of Panjkuh iron deposit, southeast of Damghan. Proceedings of the 13th Conference of Crystallography and Mineralogy of Iran, Shahid Bahonar University, Kerman, Iran, 1-2 Feb. 2006, in Persian, p. 164-169.
- 42) Khakzad, A., Vatanpour, H., Ghaderi, M., Aftabi, A. (2005): Geochemical characteristics of chromite deposits in the westernmost part of the Sabzevar ophiolitic belt, NE Iran. Berichte der Deutschen Mineralogischen Gesellschaft, Aachen, Germany, 18-21 Sep. 2005, Abstract Volume, European Journal of Mineralogy, v. 17, no. 1, p. 65.
- 41) Zeinadini, E., Ghaderi, M., Hezarkhani, A., Shafiee, B. (2005): Geological and lithogeochemical studies of copper and paragenesis elements in Serenu porphyry copper occurrence (northwest Shahr-e-Babak). 9th Symposium of Geological Society of Iran, Tarbiat Moalem University, Tehran, Iran, 30-31 Aug. 2005, in Persian, p. 790.
- 40) Talebi, M., Ghaderi, M., Hezarkhani, A., Shafiee, B., Zahedi, M. (2005): Geological and lithogeochemical studies on Iju porphyry copper deposit (northwest Shahr-e-Babak). 9th Symposium of Geological Society of Iran, Tarbiat Moalem University, Tehran, Iran, 30-31 Aug. 2005, in Persian with English abstract, p. 754-755.
- 39) Ghiasvand, A., Rashidnejad-Omrani, N., Ghaderi, M. (2005): Mineralogy, alteration and genesis of Bozbareh Zn-Pb-Cu (Cd and Ag) deposits, NE Loshan, Gilan province. 9th Symposium of Geological Society of Iran, Tarbiat Moalem University, Tehran, Iran, 30-31 Aug. 2005, in Persian with English abstract, p. 787-788.
- 38) Motevali, K., Ghaderi, M., Rashidnejad-Omrani, N. (2005): Tekye-Bala iron deposit, NE Kermanshah: iron mineralization in shear zone?. Proceedings of the 23rd Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 14-16 Feb. 2005, in Persian with English abstract, CD-ROM.
- 37) Motevali, K., Ghaderi, M., Rashidnejad-Omrani, N. (2005): Mineralogy, geochemistry and genesis of KhosrowAbad iron deposit, NE Kermanshah. Proceedings of the 23rd Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 14-16 Feb. 2005, in Persian with English abstract, CD-ROM.
- 36) Ghiasvand, A., Ghaderi, M., Rashidnejad-Omrani, N. (2005): Iron deposits in north of Semnan from mineralogy, geochemistry and origin viewpoints. Proceedings of the 23rd Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 14-16 Feb. 2005, in Persian with English abstract, CD-ROM.
- 35) Ghaderi, M., Ramezani, J., Valizadeh, M.V., Fardindoost, Z., Ahmadi-Khalaji, A. (2005): U-Pb geochronology of the Jurassic Boroujerd plutonic complex and associated intrusions within the Sanandaj-Sirjan Zone. Proceedings of the 23rd Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 14-16 Feb. 2005, in Persian with English abstract, CD-ROM.
- 34) Azizi, P., Ghaderi, M., Rashidnejad-Omrani, N. (2005): Skarn-hydrothermal type Pb-Zn mineralization in Namar area, Central Alborz. Proceedings of the 23rd Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 14-16 Feb. 2005, in Persian with English abstract, CD-ROM.
- 33) Vatanpour, H., Khakzad, A., Ghaderi, M. (2004): Geochemical characteristics and petrology of Sabzevar chromite deposits, Iran. The Sixth International Conference on Geochemistry (Geochemistry 2004), Alexandria, Egypt, 15-16 Sep. 2004, Abstract Volume, p. 174-176.
- 32) Tavakkoli, H., Ghaderi, M., Mohajjal, M. (2004): Introducing iron deposits northwest of Hamedan as stratabound deposits related to ductile shear zones (NW of Iran). 32nd International Geological Congress, Florence, Italy, 20-28 Aug. 2004, Abstracts, 29-46, v. 1, p. 157.

- 31) Ghaderi, M., Herrin, J., Fardindoost, Z. (2004): Fluid characteristics of tungsten occurrences in southwest of Shazand, Iran. 32nd International Geological Congress, Florence, Italy, 20-28 Aug. 2004, Abstracts, 237-14, v. 2, p. 1070.
- 30) Ghaderi, M., Herrin, J., Fardindoost, Z. (2004): Characteristics of the mineralizing fluids at tungsten deposits in southwest of Shazand, using rare earth elements. Proceedings of the 11th symposium of Iranian Society of Crystallography and Mineralogy, Yazd, Iran, 4-5 Feb. 2004, in Persian, p. 176-179.
- 29) Fardindoost, Z., Ghaderi, M., Ghorbani, M.R. (2003): Tungsten mineralization associated with granitoid rocks in southwest of Arak, Iran. 2003 Fall Meeting Abstract Volume, supplement to EOS, Transactions, American Geophysical Union, San Francisco, U.S.A., 8-12 Dec. 2003, p. F1629.
- 28) Ghorbani, M.R., Ghaderi, M. (2003): Concurrent island arc and intraplate volcanism, Eshtehard-Karaj area, NW Iran. 13th Annual V.M. Goldschmidt Conference incorporating ICOG X, supplement to *Geochimica et Cosmochimica Acta*, Kurashiki, Japan, 7-12 Sep. 2003, p. A119.
- 27) Tavakkoli, H., Ghaderi, M., Ghorbani, M.R., Mohajjel, M. (2003): A new view on genesis of the Baba-Ali iron deposit, NW of Hamadan. 7th Symposium of Geological Society of Iran, Isfahan, Iran, 26-28 Aug. 2003, in Persian, v. 1, p. 579.
- 26) Ghaderi, M., Ramezani, J. (2003): Cambrian iron-phosphate mineralization in the Bafq mining district, East-Central Iran: new constraints from U-Pb geochronology. Proceedings of the 21st Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 17-19 Feb. 2003, in Persian with English abstract, CD-ROM.
- 25) Ghorbani, M.R., Ghaderi, M., Rostami, G. (2003): Mineralogy and geochemistry of Milakuh lamprophyre and its genesis. Proceedings of the 10th Symposium of the Society of Crystallography and Mineralogy of Iran, Zahedan, Iran, 1-2 Jan. 2003, in Persian, p. 377.
- 24) Ramezani, J., Ghaderi, M., Bowring, S. (2002): U-Pb age constraints on the origin of the Alpine boundary faults in central-east Iran. 2002 Annual Meeting, Geological Society of America, Denver, U.S.A., 27-30 Oct. 2002, Abstracts with programs, p. 330-331.
- 23) Ghorbani, M.R., Rostami, G., Ghaderi, M. (2002): A lamprophyric dyke from Milakuh, SW Damghan, Iran. 12th Annual V.M. Goldschmidt Conference incorporating ICOG X, supplement to *Geochimica et Cosmochimica Acta*, Davos, Switzerland, 18-23 Aug. 2002, p. A272.
- 22) Ghaderi, M., Ghorbani, M.R. (2002): Tungsten-tin deposits in southwest of Shazand, Iran. 12th Annual V.M. Goldschmidt Conference incorporating ICOG X, supplement to *Geochimica et Cosmochimica Acta*, Davos, Switzerland, 18-23 Aug. 2002, p. A271.
- 21) Ghaderi, M., Narimani, A. (2002): Chelpo – Kalate Choubak, Kashmar, NE Iran: an epithermal Sb-As deposit. 2002 Spring Meeting Abstract Volume, supplement to EOS, Transactions, American Geophysical Union, Washington, D.C., U.S.A., 28-31 May 2002, p. S363.
- 20) Rostami-Paydar, G., Rastad, E., Ghaderi, M. (2002): The Milakuh-Touyeh F-rich MVT deposit (southwest Damghan): a key for the exploration of similar deposits in the upper part of Soltanieh Formation. Proceedings of the 20th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 17-19 Feb. 2002, in Persian with English abstract, CD-ROM.
- 19) Rostami-Paydar, G., Rastad, E., Ghaderi, M. (2002): Microthermometry of fluid inclusions in sedimentary-diagenetic epigenetic systems of Milakuh-Touyeh F (Zn-Pb-Ba) deposit (southwest Damghan). Proceedings of the 20th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 17-19 Feb. 2002, in Persian with English abstract, CD-ROM.
- 18) Ghaderi, M., Rastad, E., Narimani, A. (2002): Mineralogy and genesis of Chelpo-Kalate Choubak Sb-As deposit, Kashmar. Proceedings of the 20th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 17-19 Feb. 2002, in Persian with English abstract, CD-ROM.
- 17) Ghaderi, M. (2001): Rare earth element tracing for Bamsar, Revesht and Nezam-Abad tungsten deposits in central Iran. 2001 Fall Meeting Abstract Volume, supplement to EOS, Transactions, American Geophysical Union, San Francisco, U.S.A., 10-14 Dec. 2001, p. F1319.
- 16) Ghaderi, M. (2001): Using rare earth elements in defining the genesis of Bamsar, Revesht and Nezam-Abad tungsten deposits. Proceedings of the 9th Symposium of Iranian Society of Crystallography and Mineralogy, Rasht, Iran, 14-15 Nov. 2001, in Persian, p. 99-103.
- 15) Ghaderi, M. (2001): Tungsten-tin mineralization in Bamsar-Revesht region, central Iran. 2001 Annual Meeting, Geological Society of America, Boston, U.S.A., 5-8 Nov. 2001, Abstracts with programs, p. A-418.
- 14) Fard, M., Rastad, E., Mehrpato, M., Ghaderi, M. (2001): Gandy gold (-base metal) epithermal deposit, southeast Damghan (geological, mineralogical and alteration characteristics). 5th Symposium of Geological Society of Iran, Tehran, Iran, 28-30 Aug. 2001, in Persian, p. 248-251.
- 13) Fard, M., Rastad, E., Rashidnejad-Omrani, N., Ghaderi, M. (2001): An overview on mineralization and gold potential in Torud-Chah Shirin volcanic-intrusive complex (south Damghan). 5th symposium of Geological Society of Iran, Tehran, Iran, 28-30 Aug. 2001, in Persian, p. 214-217.

- 12) Ghaderi, M. (2001): Diagenesis, subsequent regional metamorphism and deformation at Bamsar skarn tungsten-tin occurrence in Central Iran. 11th Meeting of the European Union of Geosciences, Strasbourg, France, 8-12 Apr. 2001, Abstract Volume, p. 549.
- 11) Azizpour-Maghvan, M., Ghaderi, M., Rastad, E. (2001): Mineralogy, geochemistry and genesis of Bamsar stratiform-stratabound tungsten-tin ore occurrence (Shazand, Arak). Proceedings of the 19th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 12-14 Feb. 2001, in Persian with English abstract, CD-ROM.
- 10) Niroomand, S., Rastad, E., Ghaderi, M., Emami, M.H. (2000): Dashkasan antimony-arsenic-gold deposit and its geological, mineralogical and geochemical characteristics. 4th Symposium of Geological Society of Iran, Tabriz, Iran, 29-31 Aug. 2000, in Persian, p. 352-354.
- 9) Ghaderi, M., Palin, J.M., Sylvester, P.J., Campbell, I.H. (2000): Rare earth element tracing for the Archean gold deposits in the Kalgoorlie-Norseman region, Western Australia. 31st International Geological Congress, Rio de Janeiro, Brazil, 6-17 Aug. 2000, CD-ROM.
- 8) Ghaderi, M., Bennett, V.C., Palin, J.M., Campbell, I.H., McCulloch, M.T. (2000): Sr-Nd isotopic tracing for the Archean gold deposits in the Kalgoorlie-Norseman region, Western Australia. 31st International Geological Congress, Rio de Janeiro, Brazil, 6-17 Aug. 2000, CD-ROM.
- 7) Ghaderi, M. (2000): The use of Sr-Nd isotope geochemistry in the study of gold deposits in the Kalgoorlie-Norseman region of Western Australia. Proceedings of the 18th Symposium on Geosciences, Geological Survey of Iran, Tehran, Iran, 14-16 Feb. 2000, in Persian, v. 1, p. 230-237.
- 6) Campbell, I.H., Ghaderi, M., Palin, J.M., Sylvester, P.J. (1999): REE in scheelite: implications for size-charge balance substitution of trace elements in minerals. 1999 Geological Association of Canada-Mineralogical Association of Canada Joint Annual Meeting, Sudbury, Canada, 26-28 May 1999, Abstract Volume 24, p. 19.
- 5) Campbell, I.H., Ghaderi, M., Palin, J.M., Sylvester, P.J. (1998): Composition of hydrothermal fluids in gold deposits of the Kalgoorlie-Norseman region of Western Australia inferred from rare earth element systematics in scheelite. 1998 Annual Meeting, Geological Society of America, Toronto, Canada, 26-29 Oct. 1998, Abstracts with programs, p. A76.
- 4) Ghaderi, M., Campbell, I.H., McCulloch, M.T., Bennett, V.C., Palin, J.M., Sylvester, P.J., Mortimer, G.E. (1997): Nd-Sr isotopes and trace elements in scheelites from gold deposits at Norseman and Kambalda, Western Australia. Geol. Soc. Aust., Third National Conference of the Specialist Group in Economic Geology, New Developments in Research for Ore Deposit Exploration, Canberra, Australia, 30-31 Jan. 1997, Abstracts No. 44, p. 18.
- 3) Ghaderi, M., Sylvester, P.J. (1996): Performance of an ArF excimer laser ablation-ICPMS system for trace element and isotopic analysis of non-silicate minerals. 1996 Fall Meeting Abstract Volume, supplement to EOS, Transactions, American Geophysical Union, San Francisco, U.S.A., 15-19 Dec. 1996, p. F787.
- 2) Ghaderi, M., Campbell, I.H., Palin, J.M., Sylvester, P.J. (1996): Micro-analysis of trace elements in scheelite by Excimer Laser Ablation-ICPMS: implications for hydrothermal gold mineralization in Archean greenstone belts. 1996 Annual Meeting, Geological Society of America, Denver, U.S.A., 28-31 Oct. 1996, Abstracts with programs, p. A 474- A 475.
- 1) Ghaderi, M., Campbell, I.H., McCulloch, M.T., Bennett, V.C., Mortimer, G.E. (1996): The use of Nd-Sr isotopic tracing in the study of Archean gold deposits in the Norseman-Kambalda area, Western Australia. Geological Society of Australia, 13th Australian Geological Convention, Canberra, Australia, 19-23 Feb. 1996, Abstracts No. 41, p. 156.

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- 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)
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- 31) M.R. Hosseini Mineralogy, geochemistry, fluid inclusions of Takht-e-Gonbad copper deposit, northeast Sirjan (MSc, July 2012, Tarbiat Modares University)
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- 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)
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- 21) T. Salehi Mineralogy, geochemistry and genesis of Gomish-tappeh Zn-Pb (Ag) deposit, southwest of Zanjan (MSc, March 2009, Tarbiat Modares University)
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Isotope geochemistry and trace elements of W (Cu-Sn) deposits, SW Astaneh, Arak (MSc, March 2004, Tarbiat Modares University)

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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)

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