

Curriculum Vitae

Personal Information:

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Educational Background:

2000-2007, Ph.D in Petrology, Department of Geology, Faculty of Earth sciences, University of Shahid Beheshti, Tehran, Iran.

Title of Thesis: Petrography and petrogenesis of granitoid rocks in east of Iran ophiolitic belt(Birjand-Nehbandan region).

1992-1995, MSc. In Geology(Petrology), Department of Geology, Faculty of Earth sciences, University of Shahid Beheshti, Tehran, Iran.

Title of Thesis: Tertiary volcanism in Ardestan area(Central Iran).

1988-1992, BSc. In Geology, Department of Geology, Faculty of sciences, University of Birjand, Birjand, Iran.

Title of Thesis: Investigation of genesis of Magnesite deposits in south of Khorasan.

1984-1988, Diploma in Experimental Sciences, Taleghani High School, Birjand, Iran

Publications:

Nakhaei, M., Mohammadi, S.S., Rasa, I. and Samie, S., Study of mineralogy, geochemistry and elemental behavior in the process of bentonites formation in Sarbisheh area (South Khorasan, east of Iran), Vol. 27, No. 1, Spring 1398/2019, 207-220.

Yousefzadeh, M.H., Rahmani, A. and **Mohammadi, S.S.**, Petrology and tectonomagmatic setting of volcanic and subvolcanic rocks in the east of Khouf (Southwest of Birjand), Petrology, 10 th Year, No. 37, Spring 2019, 1-22.

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Baharvandi, A., **Mohammadi, S.S.** and Nakhaei, M.(2018), Petrography, geochemistry and tectonic setting of Tertiary volcanic rocks in the Boshgaz area (northwest of Sarbisheh, Southern Khorasan), Scientific Quarterly Journal, Geosciences, Volume 27, No. 106, 117-128.

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- Vahedi Tabas, Z., **Mohammadi S.S.** and Zarrinkoub M.H., (2017-2018), Petrography, mineral chemistry and geochemistry of post-ophiolitic volcanic rocks in the Ratouk area (south of Gazik, east of Iran), Journal of Economic Geology, Vol. 9, No. 2, 439-461, DOI: 10.22067/econg.v9i2.53558.

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- Han-Yi Chiu, Sun-Lin Chung, Mohammad Hossein Zarrinkoub, Rafael Melkonyan, Kwan-Nang Pang, Hao-Yang Lee, Kuo-Lung Wang, **Seyyed Saeid Mohammadi**, Mohammad Mahdi Khatib, 2017, Zircon Hf isotopic constraints on magmatic and tectonic evolution in Iran: Implications for crustal growth in the Tethyan orogenic belt, Journal of Asian Earth Sciences 145: 652–669.

-Malekian Dastjerdi, M., **Mohammadi, S.S.**, Nakhaei M., Zarrinkoub, M.H., 2016-2017, Geochemistry and tectonomagatic setting of Tertiary volcanic rocks of the Kangan area, northeast of Sarbisheh, southern Khorasan, Journal of Economic Geology Vol. 8, No. 2, 553-568, DOI: 10.22067/econg.v8i2.54029.

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- Zarrinkoub, M.H., Chung, S.L., **Mohammadi, S.S.**, Mahdi Khatib, M.M., Fotoohi-Rad, G.R., Gholami, E., and Abbaslu, F., 2012, Petrogenesis and isotopic age dating (uranium-lead) on zircon in granitoid body of metamorphic complex in Zul, southwest of Qaen, East of Iran. Iranian Journal of geology, Vol.5, No.20, 73-86.

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- Zarrinkoub, M.H., Chung, S-L., Khatib, M.M., **Mohammadi , S.S.**, 2010, Zircon Uranium- Lead Dating, Petrography and Geochemistry for sub volcanic bodies in South-west of Birjand (Rich area), *Iranian Journal of Crystallography and Mineralogy*, Vol. 18, No. 3, 471-482.

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Conference papers

Baraghoosh, H., **Mohammadi, S.S.**, Zarrinkoub, M.H. and , Nakhaei, M., 2019, Geochemistry and tectonic setting of volcanic and subvolcanic rocks in southeast of Nalino (southwest of Khouf) Southern Khorasan, 26 conference of SCM,, Imam Khomeini international university, Qazvin.

Rezazadeh, A., **Mohammadi, S.S.**, Nakhaei, M. and Zarrinkoub, M.H.,2019, Geochemistry and tectonic setting of igneous rocks in northeast of Nalino(southwest of Khouf), Southern Khorasan26 conference of SCM,, Imam Khomeini international university, Qazvin.

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Moradi, F., Yousefzadeh, M.H., Seyyed Saeid Mohammadi, S.M. and Mahdavi, A., 2018, Review of siliceous mineral in the Siahkouh area, 5th national Symposium of gemology and crystallography of Iran, University of Zanjan, Iran.

Nekouei,A., Zarrinkoub, M.H., Rajabi, A. and **Mohammadi, S.S.**, 2018, The study of geology, petrography and alteration in Tertiary rocks of south west of Qaleh zari(Kooh sefid), 10th conference of Economic Geology, University of Isfahan.

Nekouei,A., Zarrinkoub, M.H., **Mohammadi, S.S.**, Rajabi, A., Mahdavi, A., Sani Ghalhar, H. and Feizi, S., 2018,Comparison of remote sensing of Kuh sefid mineral vein with Qale zari mine, 10th conference of Economic Geology, University of Isfahan.

Moradi, F., Yousefzadeh, M.H., **Mohammadi, S.S.** and Mahdavi, A., 2018, Study of Petrography and Mineral Potential of Mafic Siah kouh Masses (Southwest of Khosf), 10th conference of Economic Geology, University of Isfahan.

Baraghoosh, H., **Mohammadi, S.S.**, Zarrinkoub, M.H. and , Nakhaei, M., 2018, Geology, petrography and alteration of volcanic and subvolcanic rocks in southeast of Nalino (southwest of Khousf, Southern Khorasan), 10th conference of Economic Geology, University of Isfahan.

Rezazadeh, A., **Mohammadi, S.S.**, Nakhaei, M. and Zarrinkoub, M.H.,2018, Geology, petrography and alteration of Tertiary volcanic-subvolcanic rocks of NE Nalino (southwest of Khousf), Southern Khorasan. 10th conference of Economic Geology, University of Isfahan.

Bahlgerdi, I., Rashidpour, A., Zarrinkoub, M.H., **Mohammadi,S.S.** and Qolami, E., 2018, Petrography and geochemistry of perlites in the Black Mountain region (north of Deyhouk), 10th conference of Economic Geology, University of Isfahan.

Rashidpour, A. Zarrinkoub, M.H. **Mohammadi,S.S.** and Bahlgerdi, I. 2018, Geochemical study and the formation of magnesit in Hengran area (south of Birjand), 10th conference of Economic Geology, University of Isfahan.

Rashidpour, A. Zarrinkoub, M.H. **Mohammadi,S.S.** and Bahlgerdi, I. 2018, Geological study and alteration of granitoid bodies in Hengran area (south of Birjand), 10th conference of Economic Geology, University of Isfahan.

Eslamipanah, A., **Mohammadi, S.S.**, Nakhaei, M. and Zarrinkoub, M.H.,2018, Geochemistry of Tertiary volcanic rocks in Shourestan area(west of Sarbisheh), Southern Khorasan, 25 conference of SCM, University of Yazd.

Rahimi, S.M., **Mohammadi, S.S.**, Nakhaei, M. and Zarrinkoub, M.H.,2018, Geochemistry of Tertiary subvolcanic – intrusive rocks in Hashtougan area (Southeast of Birjand), 25 conference of SCM, University of Yazd.

Abazari, M, **Mohammadi, S.S.**, Nakhaei, M. and Zarrinkoub, M.H.,2018, Geochemistry and Tectonic setting of Tertiary volcanic rocks in Abbas Abad area (northeast of Sarbisheh), Southern Khorasan, 25 conference of SCM, University of Yazd.

Amirteymoori, N., **Mohammadi, S.S.**, Nakhaei, M. and Zarrinkoub, M.H.,2018,Geochemistry and tectonomagatic setting of Tertiaryvolcanic rocks of theEbrahim abad area(southwest of Gazik), Southern Khorasan, 25 conference of SCM, University of Yazd.

Rabbani Khorasgani, N., Zarrinkoub, M.H., **Mohammadi, S.S.**,2017, Geochemistry of Tertiary volcanic rocks in the Sepestan area(South east of Ahangaran- Southern Khorasan), Symposium on Cenozoic magmatism in Iranian plateau, GSI,Tehran, Iran.

Feizy, S., Zarrinkoub, M.H., **Mohammadi, S.S.**,2017, Petrogenetic variations of the Jurassic magmatic sequences of Afin, southeast qaen(SouthKhorasan), 1th international congress on Jurassic of Iran and neighboring countries(ICJI), GSI, Mashhad, Iran.

Bahlgerdi, I., Rashidpoor, A., Zarrinkoub, M.H., **Mohammadi, S.S.**, Gholami, E., 2017, Investigation and demonstration of alterations of Hangaran region (Southern Khorasan) using Aster satellite image processing, 9th symposium of Economic Geology, University of Birjand, Birjand, Iran

Bahlgerdi, I., Rashidpoor, A., Zarrinkoub, M.H., **Mohammadi, S.S.**, Gholami, E., 2017, Presentation of Koreshk Copper sedimentary-volcanic index(Arianshahr), 9th symposium of Economic Geology, University of Birjand, Birjand, Iran

Rashidpoor, A.; Bahlgerdi, I.; Zarrinkoub, M.H.; **Mohammadi, S.S.**, Gholami, E., 2017, Study of precious and semiprecious silica stones in volcanic rocks Istochah area (south seghale, South Khorasan), 9th symposium of Economic Geology, University of Birjand, Birjand, Iran

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Yari, F., Zarrinkoub, M.H., **Mohammadi, S.S.**, Mahdavi, A., Petrography and Chemistry of Skarn Minerals in kalate shab (North of Doroh, East of Sarbisheh), 9th symposium of Economic Geology, University of Birjand, Birjand, Iran.

Rahimi, S.M., **Mohammadi, S.S.**, Nakhaei, M., Zarrinkoub, M.H., 2017, The study of geology, petrography and alteration of Tertiary intrusive – subvolcanic rocks of Hashtougan area (South east of Birjand), 9th symposium of Economic Geology, University of Birjand, Birjand, Iran.

Eslamipanah, A., Mohammadi, S.S., Nakhaei, M., Zarrinkoub, M.H., 2017, Petrography of Tertiary volcanic rocks in Shourestan area(west of Sarbisheh), Southern Khorasan, 9th symposium of Economic Geology, University of Birjand, Birjand, Iran.

Amirteymoori, N., **Mohammadi, S.S.**, Nakhaei, M., Zarrinkoub, M.H., 2017, Geology and petrography of Tertiary volcanic rocks of Ibrahim abad area(southwest of Gazik), Southern Khorasan, 9th symposium of Economic Geology, University of Birjand, Birjand, Iran.

Abazari, M., **Mohammadi, S.S.**, Nakhaei, M., Zarrinkoub, M.H., 2017, Geology, Petrography and alteration of volcanic rocks of Abbasabad area

(northeast of Sarbisheh, Southern Khorasan), 9th symposium of Economic Geology, University of Birjand, Birjand, Iran.

Feyzi, S., Zarrinkoub, M.H., **Mohammadi, S.S.**, 2016, Evaluation of Iron potential in basalt in south east of Qayen(East of Iran), 23th symposium of Crystallography and Mineralogy of Iran, Shahrood university of Technology, Shahrood, Iran.

Yousefzadeh, M.H., Rahmani, A., **Mohammadi, S.S.**,2016, Mineralogical studies and textural of volcanic and subvolcanic rocks in the east of Khouf (southwest of Birjand), 23th symposium of Crystallography and Mineralogy of Iran, Shahrood university of Technology, Shahrood, Iran.

Yousefzadeh, M.H., Rahmani, A., **Mohammadi, S.S.**,2016, Geochemistry and Mineralogy of volcanic and subvolcanic rocks in the east of Khouf (southwest of Birjand), 4th national symposium of Tectonic and Structural geology of Iran, University of Birjand.

Arab Dohesaran, M., **Mohammadi, S.S.**, Nakhaei, M., Zarrinkoub, M.H., 2016, Petrology, geochemistry and tectonic setting of volcanic rocks of Bijaem area, northwest of Sarbisheh), east of Iran, 4th national symposium of Tectonic and Structural geology of Iran, University of Birjand.

Koochi, M., **Mohammadi, S.S.**, Nakhaei, M., Zarrinkoub, M.H., 2016, Geochimistry and Techtonic Setting of Tertiary Volcanic Rocks of Zoolesk area, northeast of Sarbisheh (East of Iran), 4th national symposium of Tectonic and Structural geology of Iran, University of Birjand.

Baharvandi, A., **Mohammadi, S.S.**, Nakhaei, M., Zarrinkoub, M.H., 2016, Geochemistry and tectonic setting of Tertiary volcanic rocks of Boshgaz area (northwest of Sarbisheh, Southern Khorasan), 4th national symposium of Tectonic and Structural geology of Iran, University of Birjand.

Torshizi,M., Zarrinkoub , M.H., **Mohammadi, S.S.**, Rajabi, A., 2016, Petrography and Alteration study of volcanic rocks in the West of Fadeshk (Southwest of Khoosf), Eastern Iran, 8th symposium of Economic Geology, Zanzan University, Zanzan, Iran.

darvishi zargaz, M., Zarrinkoub, M.H., **Mohammadi, S.S.**, 2016, Petrography and alteration of igneous rocks in Southwest of Jimabad (Southeast of Qaen), Southern Khorasan, 8th symposium of Economic Geology, Zanzan University, Zanzan, Iran.

Arab Dohesaran, M., **Mohammadi, S.S.**, Nakhaei, M., Zarrinkoub, M.H., 2016, Study of geology, mineralogy and economic potential of volcanic rocks in Bijaem area, Northwest of Sarbishe (Southern Khorasan Province), 8th symposium of Economic Geology, Zanzan University, Zanzan, Iran.

koochi, M., **Mohammadi, S.S.**, Nakhaei, M., Zarrinkoub, M.H., 2016, The study of Geology and petrography of volcanic rocks of Zoolek area with special review to their economic potential (Northeast Sarbisheh-east of Iran), 8th symposium of Economic Geology, Zanzan University, Zanzan, Iran.

Baharvandi, A., **Mohammadi, S.S.**, Nakhaei, M., Zarrinkoub, M.H., 2016, Petrography, alteration and economic potential of Tertiary volcanic rocks of Boshgaz area (northwest of Sarbisheh, Southern Khorasan province), 8th symposium of Economic Geology, Zanzan University, Zanzan, Iran.

Yari, F., Zarrinkoub, M.H., **Mohammadi, S.S.**, 2015, Skanification in north of Kalateh Shab area (North of Doroh, East of Sarbisheh), 2nd National conference of Geology and Exploration of resources, Shiraz.

Ramazani, F., **Mohammadi, S.S.**, Zarrinkoub, M.H., Geochemistry and Petrogenesis Tertiary Adakites in Zirach area, north of Birjand, 34th national and the 2nd international Geosciences congress, 22-24 February, Geological Survey of Iran.

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Yari, F., Zarrinkoub, M.H., **Mohammadi, S.S.**, 2015, Semi-precious gemstones in Ironskarn on north region of Kalate Shab, north of Doroh, Southern Khorasan, 23th symposium of Crystallography and Mineralogy of Iran, Damghan University, Damghan, Iran.

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Bayani, R., M., **Mohammadi, S.S.**, Zarrinkoub, M.H., Nakhaei, M., 2015, The study of genesis and structure of agates in Shoushk area (east of Sarbishe), 2th symposium of Gemology and Mineralogy, University of Birjand, Birjand, Iran.

Chahkandinjad, M., Yousefzadeh, M.H., **Mohammadi, S.S.**, Mossavi, S.M., 2015, The study of semiprecious silicified rocks in Asfich area (South west of Sarbisheh), 2th symposium of Gemology and Mineralogy, University of Birjand, Birjand, Iran.

Mohammadi, F., Zarrinkoub, M.H., **Mohammadi, S.S.**, Rajabi, A-R., 2015, Study of zeolites in Eocene volcanic in Rizab, North West Bardaskan, 7th symposium of Economic Geology, Damghan University, Damghan, Iran.

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Supervisor or advisor: for 56 M.Sc. Thesis in Department of Geology:

- University of Birjand, Birjand, Iran
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Sabbatical leave:

- for 2 months (2008) in NTU, Taiwan.
- for 2 months (2016) in NTU, Taiwan.

Fields of Interest:

Petrology of Igneous rocks, Mineralogy, Cenozoic magmatism in east of Iran

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