

CURRICULUM VITAE

Name: Seyed Ali

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Qualifications:

Bachelor of Science- Geology: July 2001- University of Sistan and Baluchestan, Iran.

Master of Science- Geology (Petrology): September 2003- Tarbiat Moallem University of Tehran, Iran.

Dissertation: Petrographical and geochemical study of West Baneh pluton (Kordestan Province)

Doctor of Philosophy (Ph.D.): December 2008- Tarbiat Moallem University of Tehran, Iran.

Dissertation: Petrogenesis of Naqadeh- Sardasht plutons, NW Iran.

Fellowships and honors:

- Research scholarship of Ministry of Science (November 2006- July 2007) to Granada University.

- Geological Union of Iran award, 2009, as the best young geologist

- The first order of graduate students in MSc, 2003

- The first order of graduate students in BSc, 2001

- Research fellowship to Academia Sinica, Taiwan (1 July to 30 August 2023)

Teaching/ University experience:

- Assistant Professor, Payame Noor University, Sabzevar, Iran: January 2009 to April 2017
- Associated Professor, Payame Noor University, Sabzevar, Iran: April 2017 to September 2023
- Associated Professor, Hakim Sabzevari University, Iran since September 2023

Publications:

- Journals:

- **Mazhari, S.A.**, Klötzli, U., 2023, Comparison of the composition of zircon trace elements in the various S and I-types granitoids of Taknar zone, south of Sabzevar. *Petrological Journal*, 54, 89-116.
- **Mazhari, S.A.**, 2021, Investigation of the formation processes in the mafic enclaves of Naqadeh plutonic rocks assemblage by zircon U-Pb dating, Sr-Nd isotopic ratios, and amphibole composition. *Petrological Journal*, 47, 63-80.
- **Mazhari, S.A.**, Ghalamghash, J., Kumar, Shellnut, G., S., Bea, F., 2020, Tectonomagmatic development of the Eocene Pasevh pluton (NW Iran): Implications for the Arabia-Eurasia collision. *Journal of Asian Earth Sciences*, 203, 104551.
<https://doi.org/10.1016/j.jseaes.2020.104551>
- **Mazhari, S.A.**, Klötzli, U., Safari, M., 2020, U-Pb geochronology, Petrogenesis and tectonomagmatic evolution of Cadomian intrusive rocks in Kaboodan area, NE of Iran. *International Geology Review*, 62, 1971-1987. <https://doi.org/10.1080/00206814.2019.1681029>
- **Mazhari, S.A.**, Klötzli, U., Safari, M., 2019, Petrological investigation of Late Cretaceous magmatism in Kaboodan area, NE Iran: Evidence for an active continental arc at Sabzevar zone. *Lithos*, 348-349, 105183. <https://doi.org/10.1016/j.lithos.2019.105183>
- **Mazhari, S.A.**, 2019, [The different composition of trace elements in clinopyroxenes of alkaline and calc-alkaline magmas: a case study of Piranshahr pluton, NW of Iran](#). *Iranian Journal of Crystallography and Mineralogy*, 27 (1), 167-178 (in Persian with English abstract)
- **Mazhari, S.A.**, 2019, Distribution of platinum-group elements (PGE) in chromitites of Sabzevar, NE of Iran. *Iranian Journal of Crystallography and Mineralogy*, 27 (1), 109-122 (in Persian with English abstract)
- **Mazhari, S.A.**, Mazloumi Bajestani, A.R., Hatefi, F., Aliabadi, K., Haghghi, F., 2018, Soil geochemistry as a tool for the origin investigation and environmental evaluation of urban parks in Mashhad city, NE of Iran. *Environmental Earth Sciences*, 77:492.
<https://doi.org/10.1007/s12665-018-7684-z>

- **Mazhari, S.A.**, Sheibani, F., Mazloumi Bajestani, A.R., 2018, Environmental geochemistry of agricultural soils and topsoils irrigated by sewage in the south of Torbate Heydarieh city, Khorasan-e-Razavi province, Northeast of Iran. *New Findings in Applied Geology*, 24, 139-152. Doi: 10.22084/NFAG.2018.16405.1315 (in Persian with English abstract)
- **Mazhari, S.A.**, 2017, The investigation of trace elements composition and role in the Magnetite-ore genesis of Namen pluton, West of Sabzevar by LA-ICP-MS, *Iranian Journal of Crystallography and Mineralogy*, 25 (4), 739-748 (in Persian with English abstract)
- **Mazhari, S.A.**, 2017, The investigation of surface soil geochemistry and mineralogical role in the heavy metal bioavailability of Sabzevar area, *Iranian Journal of Crystallography and Mineralogy*, 25 (2), 279-294 (in Persian with English abstract)
- **Mazhari, S.A.**, Sharifiyan Attar, R., Haghghi, F., 2017, Heavy metals concentration and availability of different soils in Sabzevar area, NE of Iran, *Journal of African Earth Sciences*, 134, 106-112.
- **Mazhari, S.A.**, 2016, Petrogenesis of adakite and high-Nb basalt association in the SW of Sabzevar Zone, NE of Iran: Evidence for slab melt-mantle interaction, *Journal of African Earth Sciences*, 116, 170-181.
- **Mazhari, S.A.**, 2016, Geochemistry and Petrogenesis of volcanic associations in Zouzan area, East of Iran, *Arabian Journal of Geosciences*, 9:37
- **Mazhari, S.A.**, Sharifiyan Attar, R., 2015, Rare earth elements in surface soils of the Davarzan area, NE of Iran, *Geoderma Regional*, 5, 25-33.
- **Mazhari, S.A.**, Mojtahedifar, M., Jafarian, A., 2015, Geochemistry, petrogenesis and mineralization of Namen plutonic rocks, SW of Sabzevar zone, *Iranian Journal of Crystallography and Mineralogy*, 23 (3), 517-532 (in Persian with English abstract)
- **Mazhari, S.A.**, Majzloumi Bajestani, A.R., Sharifiyan Attar, R., 2013, Geochemical Investigation of Davarzan Surface Soils, West of Sabzevar, NE Iran, *Iranian Journal of Earth Sciences*, 5, 43-53.
- **Mazhari, S.A.**, Safari, M., High-K calc-alkaline plutonism in Zouzan, 2013, NE of Lut block, Eastern Iran: an evidence for arc related magmatism in Cenozoic, *Journal of the Geological Society of India*, 81, 698-708.
- **Mazhari, S.A.**, Sharifiyan Attar, R., 2012, Apatite Application to Investigate Magmatic Evolution of Zouzan Granites, NE Lut Block, *Iranian Journal of Earth Sciences*, 4, 61-72.
- **Mazhari, S.A.**, Hajalilou, B., Bea, F., 2012, Evaluation of Syenite as Feldspar Source: Piranshahr Pluton, NW of Iran, *Natural Resources Research*, 21(2), 279-283.
- **Mazhari, S.A.**, Ghalamghas, J., Mazloumi Bajestani, A.R., Hajalilou, B., 2012, Application of trace elements composition in quartz for Naqadeh granitoids petrogenesis interpretation, NW of Sanandaj-Sirjan Zone, *Iranian Journal of Crystallography and Mineralogy*, 20 (3), 505-514 (in Persian with English abstract)

- Bea, F., **Mazhari, A.**, Montero, P., Amini, S., Ghalamghash, J., 2011, Zircon dating, Sr and Nd isotopes, and element geochemistry of the Khalifan pluton, NW Iran: Evidence for Variscan Magmatism in a supposedly Cimmerian superterrane, *Journal of Asian Earth Sciences*, 40, 172-179. doi: 10.1016/j.jseas.2010.08.005.
- **Mazhari, S.A.**, Amini, S., Ghalamghash, J., Bea, F., 2011, Metasomatic Stages and Scapolitization Effects on Chemical Composition of Pasveh Pluton, NW Iran, *Journal of Earth Science*, 22(5), 619–631.
- **Mazhari, S.A.**, Amini, S., Ghalamghash, J., Bea, F., 2011, Petrogenesis of granitic unit of Naqadeh complex, Sanandaj-Sirjan Zone, NW Iran, *Arabian Journal of Geosciences*, 4, 59-76, doi: 10.1007/s12517-009-0077-6.
- **Mazhari, S.A.**, Amini, S., Ghalamghash, J., Bea, F., 2011, The origin of mafic rocks in the Naqadeh intrusive complex, Sanandaj-Sirjan Zone, NW Iran, *Arabian Journal of Geosciences*, 4, 1207- 1214, doi: 10.1007/s12517-010-0142-1.
- Bea, F., Scarrow, J.H., **Mazhari, S.A.**, Molina, J.F., Montero, P., Amini, S., Ghalamghash, J., 2009, Reply to discussion on the Eocene bimodal Piranshahr massif of the Sanadaj– Sirjan Zone, West Iran: a marker of the end of collision in the Zagros orogen, *Journal of the Geological Society*, London, 166, 983-984.
- **Mazhari, S.A.**, Bea, F., Amini, S., Ghalamghash, J., Molina, J.F., Pillar, M., Scarrow, J.H., Williams, S., 2009, The Eocene bimodal Piranshahr massif of the Sanandaj-Sirjan Zone, NW Iran. A marker of the end of the collision in the Zagros Orogen, *Journal of Geological Society*, London, 166, 53-69.
- **Mazhari, S.A.**, Bea, F., Amini, S., Ghalamghash, J., 2008, Estimation of pressure and temperature of intrusive rocks crystallisation: A case study of Naqadeh, Pasveh and Delkeh plutons, W Iran, *Journal of Applied Sciences*, 8(6), 934-945.
- Amini, S., **Mazhari, S.A.**, Ghalamghash, J., 2005, Petrogenesis of West Baneh pluton, *Journal of Science*, Tarbiat Moallem University, V3 and 4, 601-618 (in Farsi).

- International Conferences:

- **Mazhari, S.A.**, 2014, Geochemical characteristics of Fe-bearing hornblende gabbros of W Sabzevar, NE of Iran, *Goldschmidt 2014 Abstract*, p.1635.
- **Mazhari, S.A.**, 2012, REE behavior during granite weathering in Darein (South of Sabzevar), NE Iran, 34th International Geological Congress, Australia.
- **Mazhari, S.A.**, Safari, M., 2011, Petrogenesis of Zoozan pluton, NE of Lut, Eastern Iran, *Mineralogical Magazine (Goldschmidt Conference Abstracts)*, 75, 1435.

- **Mazhari, S.A.**, Ghalamghash, J., Bea, F., 2011, The key role of A-type granites in the determining of collision time between Iranian- Arabian plates, Zagros Orogenic belt, Iran, VII Hutton Symposium on Granites and Related Rocks, Avila, Spain, p.99.

- **Mazhari, S.A.**, Amini, S., Ghalamghash, J., 2010, Petrogenesis of Delkeh Pluton, Sanandaj-Sirjan Zone, NW Iran, Proceeding the first international applied geological congress, Vol.2, 1298-1303.

-Amini, S., **Mazhari, S.A.**, Ghalamghash, J., Bea, F., Minerals thermobarometry of North Sanandaj- Sirjan Zone plutons, W-Iran, 2008, 33th International Geological Conference, Norway, Oslo.