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Publications in Journals:

- Rashid, S.A. and Ganai, J. A., 2018. Depositional environments, provenance and paleoclimatic implications of Ordovician siliciclastic rocks of the Thango Formation, Spiti Valley, Tethys Himalaya, northern India. **Journal of Asian Earth Science**, 157, 371-386.
- Ganai, J.A., Shaik A. R, Shakil A. R, (2018), Evaluation of terrigenous input, diagenetic alteration and depositional conditions of Lower Carboniferous carbonates of Tethys Himalaya, India, **Solid Earth Sciences** <https://doi.org/10.1016/j.sesci.2018.03.002>
- Farooq, A.D., Ganai, J.A., Shakeel, A., 2017 Geochemistry of the Karstified Limestone of Andhra Pradesh, India: Geochemical and Multivariate Statistical Approach. **Environment Earth Sciences** (DOI 10.1007/s12665-017-6972-3)
- Akhtar, R. M., Balaram, V., Ganai, J. A., Shamim, A.D., A., Keshav-Krishna., 2016. Geochemistry of sedimentary rocks from Permian-Triassic boundary sections of Tethys Himalaya: implications to paleo-weathering, provenance and tectonic setting. **Acta Geochemica** [DOI 10.1007/s11631-016-0107-5].
- Ganai, J.A., Rashid, S.A., Masroor Alam, M., 2016. Petrography and Geochemical studies of Upper Paleozoic sandstones from the Tethys Himalaya, Spiti Valley, Himachal Pradesh. **Journal of Applied Geochemistry** 18, 3-14.
- Rashid, S.A and Ganai, J.A., 2015. Preservation of Glacial and Interglacial phases in Tethys Himalaya: Evidence from geochemistry and petrography of Permo-Carboniferous sandstones from the Spiti region, Himachal Pradesh, India. **Arabian Journal of Geosciences** [DOI 10.1007/s12517-015-1877-5].
- Rashid, S.A., Ganai, J.A., Masoodi, A., Fareed A. K., 2014. Major and trace element geochemistry of Lake Sediments India: Implications for weathering and climate control. **Arabian Journal of Geosciences** [DOI 10.1007/s12517-014-1639-9].
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- **Ganai, J.A.** and Rashid, S.A., 2014. Rare earth element geochemistry of the Permo-Carboniferous Clastic Sedimentary rocks from the Spiti Region, Tethys Himalaya: Significance of Eu and Ce anomalies. **Chinese Journal of Geochemistry** [DOI 10.1007/s11631-015-0045-7].
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Book Chapters

- Shaik A Rashid, **Ganai, J.A.**, Irfan Maqbool Bhat, Naqeebul Islam, 2018. Geochemistry, Petrogenesis and Tectonic significance of the Proterozoic mafic dykes from the Bomdila area, NE Lesser Himalaya, India, **DYKE 7** (Springer, in Press).
- Shaik A Rashid, Shamshad Ahmad, Naqeebul Islam¹ and **Ganai, J.A.**, 2018 Precambrian crustal history unraveled from the geochemical studies of post-Archean rocks, Arunachal Pradesh, NE Lesser Himalaya. **Society of Earth Scientists (Springer)** (in press).

Ongoing Projects:

Title of Project	Funding Agency	Total Amount sanctioned (in Rs.)	Duration in Years
<i>Provenance and Paleoclimatic Studies of Carboniferous Clastic Sedimentary Rocks from Kashmir Region, Tethys Himalaya: A Geochemical Approach</i>	DST	28,80000	03