

Name	Dr. M. Ram Mohan
Designation	Director
Affiliation	Wadia Institute of Himalayan Geology Dehradun, an Autonomous Research Institute under the Department of Science and Technology, Government of India
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Qualification

PhD in Geology, 2003, Osmania University, Hyderabad

Research interests	Archean Geodynamics and Metallogeny
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Specialisation	Petrology and Geochemistry
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Professional Experience

09/2026 – Till date	Director, Wadia Institute of Himalayan Geology
07/2026 – 09/2026	Professor, CEOAS, University of Hyderabad
10/ 2021 -- 06/2026	Chief Scientist, CSIR-NGRI
10/ 2015 -- 10/2021	Senior Principal Scientist, CSIR-NGRI
10/ 2010 -- 09/2015	Principal Scientist, CSIR-NGRI
10/ 2006 -- 09/ 2010	Senior Scientist, CSIR-NGRI
10/ 2002 -- 09/ 2006	Scientist-C, CSIR-NGRI
10/ 1999 -- 09/2002	Scientist-B, CSIR-NGRI

Honors and Awards

- H H Read Memorial Gold Medal - 2025
- Fellow - National Academy of Sciences, India (NASI), Allahabad
- Bellur Rama Rao Birth Centenary Award - 2025
- National Geoscience Award - 2024

- Fellow - Telangana Academy of Sciences, Hyderabad
- CSIR-Raman Research Fellowship - 2015
- IGU-Krishnan Gold Medal - 2012
- BOYSCAST Post-Doctoral Fellowship - 2007
- Editorial Board Member, Lithos

Visiting Positions

From	To	Institute	Position
04-2015	06/2015	GFZ German Research Centre for Geosciences, Potsdam, Germany	Raman Research Fellow
09/2012	10/2012	John de Laeter Centre for Isotope Research, Curtin University, Perth, Australia	Research Associate
11/2011	12/2011	John de Laeter Centre for Isotope Research, Curtin University, Perth, Australia	Research Associate
04/2007	03/2008	Department of Earth Sciences, Laurentian University, Sudbury, Canada	BOYSCAST Post-Doctoral Fellow

Student Mentoring

- **PhD Supervision** 7 (awarded) + 4 (ongoing)
- **Post-Doc** 2 (completed) + 3 (ongoing)
- **Master's Dissertation** 12 students from different universities across India

Projects actively involved

- Plume-Arc interaction and evolution of the Mesoarchean Holenarsipur Nucleus, Karnataka, India (*Role: Project Leader, DST-under FASTTRACK*)
- Exposing the gold potential of the Neoarchean “Himalaya” of the Dharwar Craton in southern India (*Role: Co-Project Leader, DST-sponsored, Collaboration with Curtin University under AISRF program*)

- India Deep Earth Exploration Program (*Role: WP Leader, CSIR 12th V year plan*)
- Petrology, geochemistry of the mafic - ultramafic and alkaline rocks of Dharwar Craton, Bundelkhand Craton; Central India and Deccan flood basalt province and mineralisation through space and time (*Role: participant, Main Lab Project, CSIR*)
- Metallogenic Processes in selective Precambrian terranes of India (*Role: Project Leader, FBR Project, CSIR funded*)
- Chronostratigraphic and Provenance analysis from the sub-surface samples of exploratory wells of Oil India Limited (*Role: Project Leader, OIL funded*)

Summary of citations (as on 27th September 2026)

➤	Total Citations	3128
➤	h-index:	27
➤	I 10-index	50

(Source: <http://scholar.google.com/citations?user=TkiQ928AAAAJ>)

Full list of Publications

1. V P Rao, S S Babu, **M. Ram Mohan** (2026) An update on the geochemical composition of Peninsular India Rivers Average Clay (PIRAC): A regional reference for river sediments of Peninsular India. Minerals, v. 16, 985, <https://doi.org/10.3390/min16100985>
2. V P Rao, Waliur Rahaman, S S Babu, **M. Ram Mohan** (2026) Controls of lithology, weathering, and sediment sorting on the Sr-Nd isotopic composition of river bed sediments along the east coast of India. Journal of Earth System Science, v. 135, 246.
3. Md. Qasim¹, S N Mahapatro, Aparajita Tripathi, **M. Ram Mohan** (2026) Petrology and mineral chemistry of Mesoproterozoic granitoids from the southwestern Chhotanagpur Granite Gneiss Complex (CGGC), Central India: Physico-chemical conditions of crystallization. Journal of the Indian Geophysical Union, v. 30, pp. 364-384.
4. S. James, Saranya R. Chandran, J. Aswathi, Arun Bhadrán, Drishya Girishbai, M. N. Praveen, Anil Chavan, Subhash Bhandari, M. Satyanarayanan, **M. Ram Mohan**, Dwijesh Ray, K. S. Sajinkumar (2025) Enhanced understanding of the K–Pg boundary in the Indian subcontinent: Petrological, mineralogical, and geochemical insights. Meteoritics & Planetary Sciences, <https://doi.org/10.1111/maps.70081>

5. Sameer Ranjan², Ajay Dev Asokan, **M. Ram Mohan***, M. Satyanarayan and D. Srinivasa Sarma (2025) Protocol for the in-situ U-Pb dating of zircon with high sample throughput and spatial resolution using LA HR ICP-MS: A case study on detrital zircon from the Cuddapah Basin. *Journal of Earth System Sciences*, v. 134, 204 <https://doi.org/10.1007/s12040-025-02658-3>
6. Mohammed Qasim¹, Mahapatro S N, Sameer Ranjan, Ajay Dev Asokan, Srinivasa Sarma D, **Ram Mohan M*** (2025) Zircon U-Pb age and petrogenetic constraints on granitic magmatism from the southwestern Chhotanagpur Granite Gneiss Complex: Implications for Proterozoic crustal growth in the Central India. *Precambrian Research*, v. 422, 107783 <https://doi.org/10.1016/j.precamres.2025.107783>
7. Babu S, Rao V P and **Ram Mohan M** (2025) Clay Mineralogy and Major and Trace Elements Chemistry of Recent Sediments in Rivers Along the West Coast of India: Implications for Provenance and Chemical Weathering. *Minerals*, v. 15 (1), 43; <https://doi.org/10.3390/min15010043>
8. Vikram Raju B V¹, Ajay Dev Asokan, Xia X P, Cui Z, Arathi Panicker and **Ram Mohan M*** (2024) Zircon U-Pb-Hf isotopes constraints on the petrogenesis of Neoarchean granitic from the northeastern part of the Eastern Dharwar Craton, Southern India. *Lithos*, v. 488, 107807 <https://doi.org/10.1016/j.lithos.2024.107807>
9. Babu S S, Rao V P and **Ram Mohan M** (2024) Controls on the distribution and fractionation of rare earth elements in recent sediments from the rivers along the west coast of India. *Environmental Earth Sciences*, v. 83, 547 <https://doi.org/10.1007/s12665-024-11842-5>
10. Panicker A G¹, **Ram Mohan M*** and Ravi Shankar (2024) Transition from vertical to horizontal tectonic regime during the Paleoarchean-Mesoarchean: Evidence from mafic-ultramafic rocks of the Holenarsipur greenstone belt, Western Dharwar Craton, Southern India. *Precambrian Research*, v. 411, 107492 <https://doi.org/10.1016/j.precamres.2024.107492>
11. Doley B, Saha A, **Ram Mohan M**, Koushick Sen and Peketi A (2024) Petrogenesis of submarine volcanic arc rocks from Andaman subduction zone, Northeast Indian ocean: Constraints from slab components and mantle wedge characteristics. *Chemical Geology*, v. 659, 122118 <https://doi.org/10.1016/j.chemgeo.2024.122118>
12. Manikyamba C, Dewashish Upadhyay and **Ram Mohan M** (2024) Archean crustal evolution and craton formation in Peninsular India: New insights from the Singhbhum, Dharwar and Bastar cratons. *Proceedings of the Indian National Science Academy*, v. 90, pp. 167-195. <https://doi.org/10.1007/s43538-024-00254-5>
13. Sai Babu S, Prajith A, Purnachandra Rao V, **Ram Mohan M**, Ramana R V and Satyasree N (2024) Sources of rare earths and prospects for a viable REE deposit in river sediments of Kerala, southwest India: Sources of rare earths and prospects for a viable REE deposit

in river sediments of Kerala, southwest India. *Current Science*, v. 126, 345-359, [doi.10.18520/cs/v126/i3/345-359](https://doi.org/10.18520/cs/v126/i3/345-359)

14. Verencar A, Saha A, Ganguly S, Satyanarayanan M and **Ram Mohan M** (2024) Geochemical dichotomy of Tethyan oceanic mantle and the supercontinent connection: Insights from Os isotopic signatures of mantle peridotites from Naga Hills ophiolite. *Gondwana Research*, v. 128, 424-438, <https://doi.org/10.1016/j.gr.2023.11.004>
15. Ajay Dev Asokan^I, **Ram Mohan M**, Mahapatro S N, Ravi Shankar and Rasheed K (2023) Petrogenesis of metavolcanics and detrital zircon geochronology of the Mesoarchean western Iron Ore Group supracrustals, Singhbhum Craton (India): Evidence for an intracontinental extension setting. *Precambrian Research*, v. 396, 107157, <https://doi.org/10.1016/j.precamres.2023.107157>
16. Babu S, Prajith A, Rao V P, **Ram Mohan M**, Ramana R V, Satya Sree N (2023) Composition of river sediments from Kerala, southwest India: Inferences on lateritic weathering. *Journal of Earth System Science*, v. 132, <https://doi.org/10.1007/s12040-023-02153-7>
17. Ziem A Bidias², **Ram Mohan M**, Chalapathi Rao N V and Moundi A (2023) Petrogenesis and geodynamic environment of the Recent pyroclastic deposits from Baigom and Petpenoun volcanoes of the Noun Plain, Cameroon Volcanic Line, Central Africa. *Geosystems and Geoenvironment*, v. 2, 100213, <https://doi.org/10.1016/j.geogeo.2023.100213>
18. **Ram Mohan M***, Neal J McNaughton, Sarma D S, Rajamanickam M, Fletcher I R, Wilde S A, Rasmussen B, Krapez B, Balakrishnan S (2023) Petrogenesis of Meso-Neoproterozoic granitoids from the Chitradurga greenstone belt: Implications on crustal growth and reworking of the Dharwar Craton, southern India. *Journal of Asian Earth Sciences*, v. 242, <https://doi.org/10.1016/j.jseaes.2022.105494>
19. Vikram Raju, B^I, Asokan A D, Rohit Pandey, Panicker A G and **Ram Mohan M*** (2022) Neoproterozoic crust–mantle interactions from the Eastern Dharwar Craton: Insights from mineral chemistry of the Nizamabad granites, southern India. *Journal of Earth System Science*, v. 131, doi.org/10.1007/s12040-022-01903-3
20. Doley B, Saha A, Verencar A and **Ram Mohan M** (2022) Melt generation and trace element fractionation of intermediate arc magma from Andaman subduction zone. *Geochemistry*, v. 82, 125899, doi.org/10.1016/j.chemer.2022.125899
21. A G Panicker^I, B Sai Kiran, B Vikram Raju, **M Ram Mohan*** (2022) Characterisation of serpentine polymorphs from the Holenarsipur Greenstone Belt, Western Dharwar Craton: Implications for multi-stage serpentinization. *Journal of Earth System Science*, v. 131, doi.org/10.1007/s12040-022-01817-0

22. Ntieche, B², Nguet P W, Moundi A, **Ram Mohan M**, Mounjouhou M A, Atsalang C A S and Nchouwet Z (2022) Arc magmatism in the Nkoulou granitoid suites, Central African Fold belt in Cameroon: evidence of a metasomatized high oxidized S-and I-type magma. *International Journal of Earth Sciences*, v. 111, pp. 1223-1250, <https://doi.org/10.1007/s00531-022-02175-4>
23. Verencar A, Saha A, Ganguly S, Satyanarayanan M, Doley B and **Ram Mohan, M** (2022) Multistage melt impregnation in Tethyan oceanic mantle: Petrochemical constraints from channelized melt flow in the Naga Hills Ophiolite. *Geochemistry*, v. 82, 125821, doi.org/10.1016/j.chemer.2021.125821
24. Ajay Dev Asokan¹, Mahapatro S N, **Ram Mohan M***, Rocholl A, Wiedenbeck M and Nanda J K (2021) Paleoproterozoic evolution of the Singhbhum Craton, eastern India: New constraints from geochemistry and geochronology of granitoids of Bonai and Champua area. *Precambrian Research*, v. 366, 106429, doi.org/10.1016/j.precamres.2021.106429
25. Panicker A G¹, **Ram Mohan M***, Upadhyay D, Raju B V, Chauhan H and N V C Rao (2021) U-Pb zircon age, geochemistry and petrogenesis of Mesoarchean anorthositic rocks from the Holenarsipur greenstone belt, Western Dharwar Craton: Implications for accretionary tectonics in southern India. *Lithos*, v. 398, doi.org/10.1016/j.lithos.2021.106268
26. **Ram Mohan M**, Sarma D.S, Tarun C Khanna, Satyanarayanan, M and Keshav Krishna, A (2021) Geochemical studies in India: CSIR-NGRI contributions. *Journal of the Geological Society of India*, v. 97, 1240-1250, <https://doi.org/10.1007/s12594-021-1853-5>
27. Ziem A Bidias², Hireddy Chauhan, **M Ram Mohan** and N V C Rao (2021) Green core clinopyroxenes from basanites of Petpenoun volcanoes, Noun Plain, Cameroon volcanic line: chemistry and genesis. *Bulletin of Volcanology*, v. 83, doi.org/10.1007/s00445-021-01437
28. SK Sai Babu, V P Rao, N Satyasree, R Venkata Ramana, **M Ram Mohan**, S Sawant (2021) Mineralogy and geochemistry of the sediments in rivers along the east coast of India: Inferences on weathering and provenance. *Journal of Earth System Sciences*, v. 130, doi.org/10.1007/s12040-020-01551
29. Gajender Kumar, Santosh Kumar and **M Ram Mohan** (2021) Redox series assessment, petrogenetic, and geodynamic appraisal of Neoarchean granites from the Bundelkhand Craton, Central India: Constraints from phase petrology and bulk rock geochemistry. *Geological Journal*, v. 10, doi.org/10.1002/gj.4087
30. SK Sai Babu, R Venkata Ramana, V P Rao, **M Ram Mohan**, S Sawant, N Satyasree, A Keshav Krishna (2021) Rare earth elements of sediments in rivers and estuaries of the east coast of India. *Current Science*, v.120, 519-537, <https://www.jstor.org/stable/27310222>

31. Ntieche, B^I, **M. Ram Mohan**, Moundi, A. *Nguet, P W*, Mounjouhou, A, Nchouwet Z, Mfepat D (2021) Petrochemical constraints on the origin and tectonic setting of mafic to intermediate dykes from Tikar plain, Central Cameroon Shear Zone. *Springer Nature Applied Science*, v. 3, <https://doi.org/10.1007/s42452-021-04265-5>
32. Ajay Dev Asokan^I, Elangovan R, Vishwakarma N, Hari K R and **Ram Mohan M*** (2020) Petrogenesis of the Kanker granites from the Bastar Craton: Implications for the crustal growth and evolution during the Archean-Proterozoic transition. *Frontiers in Earth Science* 8:212, [doi: 10.3389/feart.2020.00212](https://doi.org/10.3389/feart.2020.00212)
33. Ajay Dev Asokan^I, Kumar Krishna, **Ram Mohan M*** (2020) Petrogenesis of the Palaeoarchean Keonjhar Granite, Singhbhum Craton, India: product of crustal reworking or subduction? *Current Science*, v. 118, pp. 910-919, <https://www.jstor.org/stable/27226385>
34. Elangovan R^I, Ajay Dev Asokan, Dinesh Pandit and **Ram Mohan M*** (2020) Magma chamber processes and geodynamic implications of the Pithora pluton, Bastar Craton, Central India. *Geological Journal*, v. 55, 2738-2759, <https://doi.org/10.1002/gj.3534>
35. **Ram Mohan M***, Ajay Dev Asokan and Simon Wilde (2020) Crustal Growth of Eastern Dharwar Craton: A Neoproterozoic collisional orogeny? *Geological Society London Special Publication*, v. 489, pp. 51-77, <https://doi.org/10.1144/SP489-2019-108>
36. B. Krapež, D S Sarma, **M Ram Mohan**, N J McNaughton, B Rasmussen, S A Wilde (2020) Tectonostratigraphy of the Late Archean Dharwar Supergroup, Dharwar Craton, India: defining a tectonic history from spatially linked but temporally distinct intracontinental and arc-related basins. *Earth Science Reviews*, v. 201, 102966, <https://doi.org/10.1016/j.earscirev.2019.102966>
37. Babu S S, Ramana R V, Rao, V P, **Ram Mohan M**, Keshav Krishna A, Sawant S S, Satyasree N (2020) Composition of the peninsular India rivers average clay (PIRAC): A reference sediment composition for the upper crust from peninsular India. *Journal of Earth System Sciences*, v. 129, <https://doi.org/10.1007/s12040-019-1301-8>
38. Soumya Shukla^I and **Ram Mohan, M*** (2019) Magma mixing in Neoproterozoic granite from Nalgonda region, Eastern Dharwar Craton, India: Morphological, mineralogical and geochemical evidences. *Journal of Earth System Sciences*, v. 28, pp. 71-98, <https://doi.org/10.1007/s12040-019-1095-8>
39. Elangovan R^I, Kumar Krishna, Vishwakarma N, Hari K and **Ram Mohan M*** (2017) Interaction of coeval felsic and mafic magmas from the Kanker granite, Pithora region, Bastar Craton, Central India. *Journal of Earth System Sciences*, v. 126, pp. 92-107, <https://doi.org/10.1007/s12040-017-0886-z>

40. Ntieche Benjamin², **Ram Mohan M***, and Maoundi A (2017) Granitoids of the Magba Shear Zone, west Cameroon, Central Africa: evidences for emplacement under transpressive tectonic regime. *The Journal of the Geological Society of India*, v. 89, pp. 33-46, <https://doi.org/10.1007/s12594-017-0556-4>
41. Sheppard S, Rasmussen M, Zi J-W, Somasekhar V, Srinivasa Sarma D, **Ram Mohan M**, Krapez B, Wilde S A, McNaughton N J (2017) U–Pb dating of metamorphic monazite establishes a Pan-African age for tectonism in the Nallamalai Fold Belt, India. *Journal of the Geological Society (London)*, v. 174, pp. 1062-1069, <https://doi.org/10.1144/jgs2017-051>
42. Muller E, Philippot P, Rollion-Bard C, Cartigny P, Assayag N, Carbonne J, **Ram Mohan M**, Srinivasa Sarma D (2017) Primary sulfur isotope signatures preserved in high-grade Archean barite deposits of the Sargur Group, Dharwar Craton, India. *Precambrian Research*, v. 295, pp. 38-47, <https://doi.org/10.1016/j.precamres.2017.04.029>
43. Sheppard S, Rasmussen B, Zi J-W, Somasekhar V, Srinivasa Sarma D, **Ram Mohan M**, Krapež D, Wilde S A, McNaughton N J (2017) Sedimentation and magmatism in the Paleoproterozoic Cuddapah Basin, India: Consequences of lithospheric extension. *Gondwana Research*, v. 48, pp. 153-163, <https://doi.org/10.1016/j.gr.2017.04.024>
44. Ntiéche, B¹, **Ram Mohan, M**, Moundi, A and Mounjouhou, M A (2016) Petrogenesis and Geochemical Characterization of the Granitoids of the Magba Shear Zone West Cameroon Central Africa. *Open Journal of Geology*, v. 6, pp. 812-839, <https://dx.doi.org/10.4236/ojg.2016.68063>
45. **Ram Mohan M***, Shaji E, Satyanarayanan M, Santosh M, Tsunogae T, Yang Q-Y, and Dhanil Dev S G (2016) Imprints of Marion hotspot in southern India: Evidence from Ezhimala igneous complex. *Journal of Asian Earth Sciences*, v. 121, pp. 56-71, <https://doi.org/10.1016/j.jseaes.2016.02.003>
46. Santosh M, Yang Q-Y, Shaji E, **Ram Mohan M**, Tsunogae T and Satyanarayanan M (2016) Oldest rocks from Peninsular India: Evidence for Hadean to Neoarchean crustal evolution. *Gondwana Research*, v. 29, pp. 105-135, <https://doi.org/10.1016/j.gr.2014.11.003>
47. Santosh M, Yang Q-Y, Shaji E, Tsunogae T, **Ram Mohan M** and Satyanarayanan M (2015) An exotic Mesoarchean microcontinent: The Coorg Block, southern India. *Gondwana Research*, v. 27, pp. 165-195, <https://doi.org/10.1016/j.gr.2013.10.005>
48. Balaram V, Roy P, Subramanyam K S V, Durai L, **Ram Mohan M**, Satyanarayanan M, Sawant S.S, Kalyan Kamal and Vani K (2015) REE geochemistry of sea water from Afanassey-Nikitin seamount in north central Indian Ocean by High Resolution Inductively Coupled Plasma Mass Spectrometry. *Indian Journal of Geo Marine Sciences*, v. 44 (3)

49. **Ram Mohan M***, Srinivasa Sarma D, McNaughton N, Fletcher, I R, Wilde S A, Siddiqui M A, Rasmussen B, Krapez B, Gregory C and Kamo S L (2014) SHRIMP zircon and titanite U-Pb ages, Lu-Hf isotope signatures and geochemical constraints for ~2.56 Ga granitic magmatism in western Dharwar Craton, southern India: Evidence for short-lived Neoproterozoic crustal growth? *Precambrian Research*, v. 243, pp. 197-220, <https://doi.org/10.1016/j.precamres.2013.12.017>
50. Santosh M, Yang Q-Y, **Ram Mohan M**, Tsunogae T, Shaji E, and Satyanarayanan M (2014) Cryogenian alkaline magmatism in the Southern Granulite Terrain, India: Petrology, geochemistry, zircon U-Pb ages and Lu-Hf isotopes. *Lithos*, v. 208-209, pp. 430-445, <https://doi.org/10.1016/j.lithos.2014.09.016>
51. Santosh M, Shaji E, Tsunogae T, **Ram Mohan M**, Satyanarayanan M and Horie K (2013) Suprasubduction zone ophiolite from Agali hill: Petrology, zircon SHRIMP U-Pb geochronology, geochemistry and implications for Neoproterozoic plate tectonics in southern India. *Precambrian Research*, v. 213, pp. 301-324, <https://doi.org/10.1016/j.precamres.2013.04.003>
52. **Ram Mohan M***, Satyanarayanan M, Santosh M, Paul J Sylvester, Tubret, M and Lam R (2013) Neoproterozoic suprasubduction zone arc magmatism in southern India: Geochemistry, zircon U-Pb geochronology and Hf isotopes of the Sittampundi Anorthosite Complex. *Gondwana Research*, v. 23, pp. 539-557, <https://doi.org/10.1016/j.gr.2012.04.004>
53. **Ram Mohan M***, Piercey S J, Kamber B S and Sarma, D S (2013) Subduction related tectonic evolution of the Late Archean Eastern Dharwar Craton, southern India: New Geochemical and Isotopic Constraints, *Precambrian Research*, v. 227, pp. 204-226, <https://doi.org/10.1016/j.precamres.2012.06.012>
54. Balaram V, Banakar V N, Subramanyam K S V, Parijat Roy, Satyanarayanan M, **Ram Mohan M** and Sawant S S (2012) A preliminary note on Yttrium and REE contents in seamount cobalt crusts in the Indian Ocean. *Current Science*, v. 103, pp. 1334-1338, <https://www.jstor.org/stable/24089153>
55. **Ram Mohan M***, Singh S P, Santosh M, Siddiqui M A and Balaram V (2012) TTG suite from the Bundelkhand Craton, Central India: Geochemistry, petrogenesis and implications for Archean crustal evolution. *Journal of Asian Earth Sciences*, v. 58, pp. 38-50, <https://doi.org/10.1016/j.jseaes.2012.07.006>
56. Sarma D S, McNaughton N J, Belusova E, **Ram Mohan M**, and Fletcher I R (2012) U-Pb ages and Hf-isotope systematics of detrital zircons from the Gadag greenstone belt: Implications for the Archean crustal growth processes in the western Dharwar Craton, India. *Gondwana Research*, v. 22, pp. 843-854, <https://doi.org/10.1016/j.gr.2012.04.001>
57. Sarma D S, Fletcher I R, Rasmussen B, McNaughton N J, **Ram Mohan M** and Groves D I (2011) Archean gold mineralization synchronous with late cratonisation of the

Western Dharwar Craton, India: 2.52 Ga ages of hydrothermal monazite and xenotime in gold deposits. *Mineralium Deposita*, v. 46, pp. 273-288, <https://doi.org/10.1007/s00126-010-0326-3>

58. Sarma D S, **Ram Mohan M**, Prasad PSR (2010) Infrared spectroscopic studies on the mobility of metamorphic fluids in quartz veins of Dharwar Craton. *Open Mineralogy Journal*, v.4, pp. 1-8.
59. Naqvi S M, **Ram Mohan M**, Rana Prathap J G and Srinivasa Sarma D (2009) Adakite-TTG connection and the fate of Mesoarchean basaltic crust of Holenarsipur Nucleus, Dharwar Craton, India. *Journal of Asian Earth Sciences*, v. 35, pp. 416-434, <https://doi.org/10.1016/j.jseaes.2009.02.005>
60. Charan S N, Babu EVSSK, Naqvi S M, Rana Prathap J G, **Ram Mohan M** and Srinivasa Sarma D (2009) REE-HFSE distribution/ partitioning between garnetiferous restites and TTG from Nademavinapura area, western Dharwar Craton. *Journal of the Geological Society of India*, v. 73, pp. 371-378, <https://doi.org/10.1007/s12594-009-0016-x>
61. Sarma D S, Neal McNaughton, Fletcher I R, Groves D I, **Ram Mohan M** and Balaram V (2008) The Timing of gold mineralization of Hutti gold deposit, Dharwar Craton, South India. *Economic Geology*, v. 103, pp. 1715-1727, <https://doi.org/10.2113/gsecongeo.103.8.1715>
62. **Ram Mohan M***, Kamber B S and Piercey S J (2008) Boron and arsenic in highly evolved Archean magmas: Implications for Archean subduction zone processes. *Earth and Planetary Science Letters*, v. 274, pp. 479-488, <https://doi.org/10.1016/j.epsl.2008.07.042>
63. **Ram Mohan M***, Sarma D S, Rajasekhar V B, Charan S N, Balaram V and Talat Ahmad (2008) Geochemistry and Petrogenesis of amphibolites from the southern part of Gadag greenstone belt, Karnataka. *Journal of the Geological Society of India*, v.72, pp. 484-494, <https://doi.org/10.17491/jgsi/2008/720407>
64. Naqvi S M, Sarma D S, Sawkar R H, **Ram Mohan M** and Rana Prathap J G (2008) Role of adakitic magmatism and subduction in gold endowment of Dharwar Neoarchean greenstone belts, India. *Journal of the Geological Society of India*, v. 71, pp. 875-888, <https://doi.org/10.17491/jgsi/2008/710613>
65. Sarma D S, Janet Muhling, **Ram Mohan M** and Neal J McNaughton (2008) Occurrence of Hydrothermal Phosphate Minerals in the Gold Mineralized Zones at Hutti Gold Deposit, Karnataka, South India. *Journal of the Geological Society of India*, v. 71, pp. 223-228, <https://doi.org/10.17491/jgsi/2008/710207>
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