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1. Sathapathy, J.S.,Singh, S.,Sahoo, P.R., 2025:Mineralogical and Geochemical Characteristics of Emeralds fromthe Bahutiya and Gurabanda Deposits of Jharkhand, India, and Comparison with Other World Emerald Occurrences. Acta Geologica Sinica (accepted for publication)

2. Rao G.S., Arasada R. C., Kumar, S.,Biswas,A.,Sahoo,P.R., and Singh, S., 2024: Afuzzy C-means clustering approach for petrophysical characterization of lithounits in the North Singhbhum MobileBelt, Eastern India. Acta Geophysica https://doi.org/10.1007/s11600-024-01402-7
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4. Horo, D.; Pal, S.K.; **Singh, S**.,2023 New Insights into the Gold Mineralization in the Babaikundi– Birgaon Axis, North Singhbhum Mobile Belt, Eastern Indian Shield using Magnetic, Very Low-Frequency Electromagnetic (VLF-EM), and Self-Potential Data. Minerals 2023, 13, 1289. https:// doi.org/10.3390/min13101289

5. Kumar, S., Arasada R. C., Rao G.S. and **Singh, S.,** 2023: Inversion of Gravity and Aeromagnetic Data over the Western North Singhbhum Mobile Belt, Eastern Indian Shield, for Delineating Prospective Sulfide (Au) Mineralization Zones. Natural Resources Research https://doi.org/10.1007/s11053-023-10241-0

6. Chatterjee, **S., Singh**, S., Shalivahan, Mondal, S., Magneto-tectonic framework of the East Indian Shield: The present state of knowledge, Journal of Asian Earth Sciences (2023), doi: https://doi.org/ 10.1016/j.jseaes.2023.105667

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8. R. Chakravarti, H.E. Frimmel, **S. Singh**, A. Barla, A.S. Venkatesh, S. Balakrishnan.,2022. A geochemical and mineral chemical assessment of sediment provenance and post-depositional alteration of auriferous conglomerates in the Singhbhum Craton. Journal of Geochemical Exploration. https://doi.org/10.1016/j.gexplo.2022.107095 (SCI Impact factor:3.746)

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11. Dharmita Horo,.; Sanjit Kumar Pal,; **Sahendra Singh**, 2020: Mapping of gold mineralization in Ichadih, North Sighbhum Mobile Belt, India using Electrical Resistivity Tomography and self-potential methods. Mining, Metallurgy & Exploration (2021) 38:397–411; https://doi.org/10.1007/s42461-020-00340-4 / & **(SCI Impact factor:1.020)**

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14. Dharmita Horo, Sanjit Kumar Pal, **Sahendra Singh** and Saurabh, 2020: Combined self-potential, electrical resistivity tomography and induced polarisation for mapping of gold prospective zones over a part of Babaikundi-Birgaon Axis, North Singhbhum Mobile Belt, India. Exploration Geophysics. Doi;10.1080/08123985.2020.1722026: **(SCI Impact factor:1.020)**

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16. Singh, S**.,** Jha, V., Chandan, K. K., (2019) Geochemistry of Palaeo to Mesoproterozoic Metasedimenaty Units of Chandil Formation, North Singhbhum Crustal Province: Implications for Provenance and Source Area Weathering. Jour. Geol. Soc. India, Vol.94, No.2. pp.219-220. **doi:** *10.1007/s12594-019-1293-7* ***(SCI Impact factor:0.63)***

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viii. Sinha, H.N.,Gosh,T.K.,Kumari,K.,**Singh,S.,2008**:Trace and Rare Earth Elements study of Meso-Neoproterozoic shales of Semri Group of Son Valley, Sonbhadra District, Uttar Pradesh. Gondwana Geology magazine,v .23(1).p.13-19.

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ii. Anand,A., Dutt,K.,Singh,S.,Mayachar,G.K.,(2020) Geology, fluid inclusion and sulfur isotope systematics of quartz-chlorite schist hosted Au-Cu mineralization of Jagpura prospect, Bhukia-Dagocha gold belt, Rajasthan, India: Implications for ore genesis and mineral exploration. (In Pipeline).

4. Conference Proceedings (Full Paper)

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i. Singh,S.,(2019). Nanogeosciences in gold exploration: Challenges and opportunities. National seminar on Gold Mining in India: The way forward.Organized by geological society of India and Dr. Thimmaiah Instititute of Technology, Oorgaum,Kolkar Gold Field during 15-16th February 2019.Abstract Volume,p.148-149

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