

LIST OF PUBLICATIONS

1. Ankush, Dewangan P, **Sriram G** (2024) Methane gas flares in the forearc basin of the Andaman-Nicobar subduction zone. *Front Earth Sci* 12:1–14. <https://doi.org/10.3389/feart.2024.1334942> IF = 2.9
2. John Savio, J., Yatheesh, V., Bijesh, C.M., Mahender, K., Aswini, K.K., Badesab, Firoz, Shuhail, M., Sriram, G., Twinkle, D., Kumar, Raj (2024) Morphotectonics of the Raman-Panikkar-Wadia seamount chain in the Laxmi Basin, Eastern Arabian Sea. *J Asian Earth Sci* 262:105977. <https://doi.org/10.1016/j.jseaes.2023.105977> IF = 3
3. Peketi A, **Sriram G**, Mazumdar A, et al (2024) Hydrothermal amorphous silica, barite and orpiment from the crater area of seamount (SM-13) off Nicobar Island, Andaman Sea: Indications for the development of a new hydrothermal field. *Mar Pet Geol* 160:106606. <https://doi.org/10.1016/j.marpetgeo.2023.106606> IF = 4.2
4. **Sriram, G.**, Dewangan, P., Yatheesh, V. et al. Gas migration signatures over the volcanic cratered seamount, off the Nicobar Islands in the Andaman Sea. *Geo-Mar Lett* 43, 16 (2023). <https://doi.org/10.1007/s00367-023-00757-y> IF = 2.1
5. Badesab F, Kadam N, **Sriram, G**, et al (2023) Control of Source-To-Sink Processes on the Dispersal, Fractionation, and Deposition of Magnetic Minerals in a Tropical Mesotidal Estuarine System. *Geochemistry, Geophys Geosystems* 24: <https://doi.org/10.1029/2023GC011178> IF = 3.5
6. Gaddam, V. K., Kulkarni, A. V., Bjornsson, H., **Sriram, G.**, & Ballina, M. (2021). Applications of SPOT-7 tri-stereo imagery in deriving the surface topography and mass changes of glaciers in Indian Himalaya. *Geocarto International*, 36(13), 1512–1532. <https://doi.org/10.1080/10106049.2019.1648567> IF = 3.8
7. Peketi, A., Mazumdar, A., Dewangan, P., Shirodkar, G., **Sriram, G.**, Pillutla, S. P. K., & Zatale, A. (2021). First record of cold-seep induced enhanced water column methane concentrations from the EEZ of India. *Journal of Earth System Science*, 130(3), 1–9. <https://doi.org/10.1007/s12040-021-01689-w> IF = 1.9
8. Dewangan, P., **Sriram, G.**, Kumar, A., Mazumdar, A., Peketi, A., Mahale, V., ... Babu, A. (2021). Widespread occurrence of methane seeps in deep-water regions of Krishna-Godavari basin, Bay of Bengal. *Marine and Petroleum Geology*, 124, 104783. <https://doi.org/10.1016/j.marpetgeo.2020.104783> IF = 4.2
9. Mishra, C. K., Dewangan, P., **Sriram, G.**, Kumar, A., & Dakara, G. (2020). Spatial distribution of gas hydrate deposits in Krishna-Godavari offshore basin, Bay of Bengal. *Marine and Petroleum Geology*, 112, 104037. <https://doi.org/10.1016/j.marpetgeo.2019.104037> IF = 4.2
10. Mazumdar, A., Dewangan, P., Peketi, A., **Sriram, G.**, Kalpana, M. S., Naik, G. P., Gaikwad, V. V. (2019). The first record of active methane (cold) seep ecosystem associated with shallow methane hydrate from the Indian EEZ. *Journal of Earth System Science*, 128(1), 1–8. <https://doi.org/10.1007/s12040-018-1044-y> IF = 1.9

11. **Sriram, G**, Dewangan P, Kumar A, et al (2019) Seismic evidence of free gas migration through the gas hydrate stability zone (GHSZ) and active methane seep in Krishna-Godavari offshore basin. Mar Pet Geol 110:695–705. <https://doi.org/10.1016/j.marpetgeo.2019.07.052> IF = 4.2
12. Pandey DK, Nair N, Pandey A, **Sriram G** (2017) Basement tectonics and flexural subsidence along western continental margin of India. Geosci Front 8:1009–1024 <https://doi.org/10.1016/j.gsf.2016.10.006> IF = 8.9
13. Dewangan, P., Mandal, R., Jaiswal, P., Ramprasad, T., & Sriram, G. (2014) Estimation of seismic attenuation of gas hydrate bearing sediments from multi-channel seismic data: A case study from Krishna-Godavari offshore basin. Mar Pet Geol 58:356–367. <https://doi.org/10.1016/j.marpetgeo.2014.05.015> IF = 4.2
14. **Sriram G**, Dewangan P, Ramprasad T (2014) Modified effective medium model for gas hydrate bearing, clay-dominated sediments in the Krishna-Godavari Basin. Mar Pet Geol 58:321–330. <https://doi.org/10.1016/j.marpetgeo.2014.01.005> IF = 3.9
15. **Sriram G**, Dewangan P, Ramprasad T, Rama Rao P (2013) Anisotropic amplitude variation of the bottom-simulating reflector beneath fracture-filled gas hydrate deposit. J Geophys Res Solid Earth 118:2258–2274. <https://doi.org/10.1002/jgrb.50176> IF = 3.9
16. Ramprasad, T., Dewangan, P., Ramana, M. V., Mazumdar, A., Karisiddaiah, S. M., Ramya, E. R., & Sriram, G. (2011) Evidence of slumping/sliding in Krishna–Godavari offshore basin due to gas/fluid movements. Mar Pet Geol 28:1806–1816. <https://doi.org/10.1016/j.marpetgeo.2011.02.007> IF = 4.2
17. Dewangan P, **Sriram G**, Ramprasad T, et al (2011) Fault system and thermal regime in the vicinity of site NGHP-01-10, Krishna-Godavari basin, Bay of Bengal. Mar Pet Geol 28:1899–1914. <https://doi.org/10.1016/j.marpetgeo.2011.03.009> IF = 4.2
18. Dewangan, Pawan, **Sriram, G.**, & Ramprasad, T. (2009). Rock physics modeling of shallow marine sediments in the eastern continental margin of India. OnePetro.

Total Citations: 358

