

Publications

1. Patel, N. P., Shimpi, G. G., & Haldar, S. (2021). A comparative account of resistance and antagonistic activity of healthy and bleached coral-associated bacteria as an indicator of coral health status. *Ecological Indicators*, 120, 106886. <https://doi.org/10.1016/j.ecolind.2020.106886>. IF:4.2
2. Patel, N. P., Shimpi, G. G., & Haldar, S. (2020). Evaluation of heterotrophic bacteria associated with healthy and bleached corals of the Gulf of Kutch, Gujarat, India for siderophore production, and their response to climate change factors. *Ecological Indicators*, 113, 106219. <https://doi.org/10.1016/j.ecolind.2020.106219>. IF:4.2
3. Patel, N. P.*, Raju, M.*, Haldar, S., & Chatterjee, P. B. (2020). Characterization of phenazine-1-carboxylic acid by *Klebsiella* sp. NP-C49 from the coral environment in the Gulf of Kutch, India. *Archives of microbiology*, 202(2), 351-359. <https://doi.org/10.1007/s00203-019-01742-9>. IF:1.9
4. Shimpi, G. G., Patel, N. P., & Haldar, S. (2019). Molecular species delimitation of reef-building coral genera, *Porites*, and *Turbinaria* (Anthozoa: Scleractinia), from the intertidal fringing reefs of Gulf of Kutch, India reveals unrecognized diversity. *Systematics and Biodiversity*, 17 (6), 541-557. <https://doi.org/10.1080/14772000.2019.1677798> IF:2.0
5. Patel, N. P., & Haldar, S. (2019). Evaluation of traditional fish preservation method of Masmin from skipjack tuna (*Katsuwonus pelamis*) in Lakshadweep, India, with respect to nutritional and environmental perspectives. *Journal of Food Processing and Preservation*, 43(10), e14124. <https://doi.org/10.1111/jfpp.14124>. IF:1.4
6. Nair, R. R., Raju, M., Patel, N. P., Raval, I. H., Suresh, E., Haldar, S., & Chatterjee, P. B. (2015). Naked eye instant reversible sensing of Cu²⁺ and its in situ imaging in live brine shrimp *Artemia*. *Analyst*, 140(16), 5464-5468. <https://doi.org/10.1039/C5AN00957J>. IF:4.0
7. Dayma, P., Raval, I. H., Joshi, N., Patel, N. P., Haldar, S., & Mody, K. H. (2015). Influence of low salinity stress on virulence and biofilm formation potential in *Vibrio alginolyticus*, isolated from the Gulf of Khambhat, Gujarat India. *Aquatic Living Resources*, 28(2-4), 99-109. <https://doi.org/10.1051/alr/2016004>. IF:1.2

Book chapter

1. Patel N.P., Kumar S.B., Haldar S. (2017) Role of Bacteria in Coral Ecosystem. In Kumar M., Ralph P. (eds) *Systems Biology of Marine Ecosystems*. Springer, Cham. https://doi.org/10.1007/978-3-319-62094-7_16.
2. Patel N.P., Jain, A., & Haldar, S. (2020) Advancement in tools and techniques to divulge vital biological molecules from microbes associated with corals. In *Microbial and Natural Macromolecules* (pp. 455-493). Academic Press. <https://doi.org/10.1016/B978-0-12-820084-1.00019-3>

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