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Important Research Publications

- Salwan R, Rana A, Saini R, Sharma A, Sharma M and Sharma V. 2023. Diversity analysis of endophytes with antimicrobial and antioxidant potential from *Viola odorata*: an endemic plant species of the Himalayas. *Brazilian Journal of Microbiology*. <https://doi.org/10.1007/s42770-023-01010-5>.
- Verma ML, Sukriti, Dhanya BS, Saini R, Das A, Varma RS. 2022. Synthesis and application of graphene-based sensors in biology. A review. *Environment Chemistry Letters* **20**: 2189-2212. <https://doi.org/10.1007/s10311-022-01404-1>.
- Chauhan A, Saini R and Sharma JC. 2022. Plant growth promoting rhizobacteria and their biological properties for soil enrichment and growth promotion. *Journal of Plant Nutrition* **45**(2):273-299. <https://doi.org/10.1080/01904167.2021.1952221>.
- Verma AK, Rani N, Saini R, Choudhary P, Hamid and Shivani. 2021. Effect of storage on physico-chemical characteristics of instant foam mat dried mango fruit powder and its utilization for the preparation of beverage. *Annals of Phytomedicine* **10**(2):130-136. <https://doi.org/10.21276/ap.2021.10.2.18>.
- Salwan R, Sharma V, Saini R and Pandey R. (2021) Identification of plant beneficial *Bacillus* spp. for resilient agricultural ecosystem. *Current Research in Microbial Sciences* **2**:100046. <https://doi.org/10.1016/j.crmicr.2021.100046>.
- Saini R, Khanna PK and Kapoor S. 2013. Qualitative effect of paddy straw compost formulations on *Agaricus bisporus* strains. *Indian Journal of Mushrooms* **31**(1): 31-38.
- Saini R, Khanna PK and Kapoor S. 2011. In vitro degradation of wheat and paddy straw substrates by thermophilic fungi isolated from *Agaricus bisporus* compost. *Mushroom Research* **20**(1): 32-36
- Saini R, Khanna PK and Kapoor S. 2011. Pattern of substrate decomposition during composting and mushroom growth and its relation to yield of *Agaricus bisporus* strains. *Mushroom Research* **20**(2): 71-78
- Acharya A, Kanwar SS, Saini Raj and Kalia AK. 2005. Evaluation of different consortia for biomethanation under psychrophilic conditions: Laboratory and field studies. *Indian Journal of Microbiology* **45**(2) 109-114.
- Saini Raj, Kanwar SS and OP Sharma. 2003. Biomethanation of lantana weed and biotransformation of its toxins. *World Journal of Microbiology and Biotechnology* **19**(2): 209-213. <https://doi.org/10.1007/s10311-022-01404-1>.

Awards & Recognitions

- Awarded prize for Best Poster during the National Conference on 'Natural and Organic Farming for Ecological, Economical and Nutritional Security' held w.e.f. June 7-9, 2023 at CSK HPKV, Palampur, Himachal Pradesh
- Awarded prize for Best Poster during the National Seminar on 'Indian Agriculture: Present situation, Challenges, Remedies and Road Map' held w.e.f. August 4-5, 2012 at CSK HPKV, Palampur, Himachal Pradesh
- Awarded University Merit Scholarship during Ph.D at PAU, Ludhiana
- Certificate of Merit in M.Sc and Ph.D.