

1. **M. Singh*** and N. Tiwari. Microbial Amelioration of Salinity Stress in HD 2967 Wheat Cultivar by Up-Regulating Antioxidant Defense. *Communicative & Integrative Biology*, 2021, 14 (1), 136-150. *Corresponding author.
2. **M. Singh*** and N. Tiwari. Thidiazuron outpaces 6-benzylamino purine and kinetin in delaying flower senescence in *Gladiolus grandiflora* by alleviating physiological and biochemical responses. *Journal of Applied Biology & Biotechnology*, 2021, 9 (4), 56-62. *Corresponding author.
3. Bisht S, Singh S, **Singh M**, Sharma JG. Augmentative role of *Piriformospora indica* fungus and plant growth promoting bacteria in mitigating salinity stress in *Trigonella foenum-graecum*. *Journal of Applied Biology and Biotechnology*. 2022 Jan 7;10(1):85-94.
4. Singh S, **Singh M**, Bisht S, Sharma JG. Leaf senescence and its regulation with phytohormones and essential elements: An overview. *Journal of Applied Biology and Biotechnology*. 2022 Feb 15;10(2):185-97.
5. **Singh M**, Bisht S, Singh S, Sharma JG. Implications of abiotic stress tolerance in arbuscular mycorrhiza colonized plants: Importance in plant growth and regulation. *Journal of Applied Biology and Biotechnology*. 2022 Sep 20;10(6):1-11.
6. Madhulika Singh, Jai Gopal Sharma and **Bhoopander Giri** (2023) Augmentative role of arbuscular mycorrhizal fungi, *Piriformospora indica*, and plant growth-promoting bacteria in mitigating salinity stress in Maize (*Zea mays* L.). *Journal of Plant Growth Regulation* (accepted) IF: 4.8 (2022).
7. Madhulika Singh, Jai Gopal Sharma and **Bhoopander Giri** (2023) Microbial inoculants improve growth in *Zea mays* L. under drought stress by up-regulating antioxidant, mineral acquisition and ultrastructure modulations. *Symbiosis* Springer IF: 2.5 (2022). <https://doi.org/10.1007/s13199-023-00945-5>.
8. Madhulika Singh, Jai Gopal Sharma and **Bhoopander Giri** (2023) Microbial inoculants alter resilience towards drought stress in wheat plants. *Plant Growth Regulation* (2023). <https://doi.org/10.1007/s10725-023-01059-0> IF: 4.2 (2022).
9. Singh M, Singh SK. Role of homobrassinolide, abscisic acid, and 6-benzylamino purine on delaying flower senescence in *Gladiolus grandiflora*. *Plant Science Today*. 2023 Oct 1;10(4):44-51. <https://doi.org/10.14719/pst.2245>