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Best 10 Research Papers

1. Ghabru A, Rana N and Meenakshi. 2023. Effect of rhizobium on development, biomass accumulation and nodulation in *Albizia procera* 105 seedlings from Himachal Pradesh. *Journal of Soil and water conservation* 22(1): 105-109; DOI: 10.5958/2455-7145.2023.00015.2 (NAAS: 5.20)
2. Ghabru A, Rana N and Chauhan S. (2022). Nutraceutical benefits of Himalayan Fern (*Diplazium esculentum* (retz.) Sw.). *Annals of Phytomedicine.*, 11 (2):1-10. <https://dx.doi.org/10.54085/ap.200.11.2.0>. (NAAS-5.95)
3. Ghabru A, Rana N, Chauhan S, Kumar V, Pandir R, Rathore A. 2022. Role of phytochemicals to combat infection. *The Pharma Innovation Journal*;11(3): 1419-1425 (NAAS:5.23)
4. Meenakshi, Rana N, Bharti, Chauhan A, Sankhyan N and Ghabru A. 2023. Exploring intraspecific provenance variation in seed morphological traits of *Albizia procera* in Mid- Himalayan Region of India. *Journal of Tropical Forest Science*, 35 (2): 168-178(NAAS-6.77)
5. Rana N, Rathore A, Ghabru A, Chauhan S and Verma G .2023. Endophytes: role and applications in sustainable agriculture. *Scientist: SCI- 4(4): 142-161*(NAAS-6.58)
6. Ghabru A, Rana N and Meenakshi.2020. A study on optimization of potential plant growth promoting rhizobial strain from root nodules of *Albizia procera*. *Indian Journal of pure and Applied Biosciences*, 8(1), 329-336.
7. Chaudhary M, Rana N, Vaidya D, Rana K and Ghabru A. 2019. Partial purification, immobilization and characterization of amylase produced from *Bacillus cereus*. *Annals of Phytomedicine* 8(1):1-7(NAAS-5.95)
8. Ghabru A, Chauhan S, Varshneya C. 2018. Effect of Seabuckthorn leaves on Antioxidant and Microsomal Enzymes in poultry birds. *The Journal of Phytopharmacology*; 7(5): 440-445
9. Ghabru A and Sud RG. 2017. Assessment of Metal Chelating, Bioautography and Spot Screening by TLC of Green Tea (*Camellia sinensis*). *Int. J. Curr. Microbiol. App. Sci* (2017) 6(10): 302-313. (NAAS-5.38)

10. Sourabh A, Kanwar SS, Sud RG, Ghabru A, Sharma OP. 2013. Influence of phenolic compounds of Kangra tea [*Camellia sinensis* (L) O Kuntze] on bacterial pathogens and indigenous bacterial probiotics of Western Himalayas. *Brazilian Journal of Microbiology* 44, 3, 709-715, ISSN 1678-4405.(NAAS- 6.85)

Books

1. Rana N, Ghabru A, and Rana K. General Food Biochemistry. 2020. *Edition 1*. Pages 100, paperback ISBN: 978-93-90322-43-5; E-Book ISBN: 978-93-90322-44-2. Publisher Akinik Publications, Delhi.
2. Rana N, Ghabru A, Rana V. 2022. Biochemical Analysis of Fruits and Vegetables. Integrated Publications; ISBN: 978-93-90471-27-0. <https://doi.org/10.22271/int.book.119>.

Awards/ Recognitions

- Certificate of best article; Ghabru A, Rana N and Chauhan S. 2022. "*Morchella Esculenta* (Guchhi): Medicinally Important Fungi of Himalayas" published in Volume 04, Issue 09 in Agriculture & Food: e-Newsletter in October, 2022.
- Second prize in oral presentation entitled "Selection and Evaluation of Plant Growth Promoting Rhizobia for Improvement of *Albizia Procera*" at International Conference on Climate Change, Biodiversity and Sustainable Agriculture (ICCBSA-2018) held at Assam Agricultural University, Jorhat from December 13-16th December, 2018.
- Award First prize and selected as best poster in the International conference on "Role of Biomolecules in Food Security and Health Improvement" (ICBFH-2010) held at Banaras Hindu University, Varanasi during Feb 17-20, 2010.
- Certificate of participation in the academic lectures and interaction sessions at the "Second Science Conclave: A Congregation of Nobel Laureates" at IIT Allahabad, December 8-14, 2009.