

**PUBLICAIONS ICAR-DMR, SOLAN (H.P.)
2017-18**

Research Papers

1. Ahlawat, O. P. and Kaur, H. 2018. Characterization of white strain of *Volvariella volvacea* and optimization of its fruit body yield. *Indian Journal of Experimental Biology*, **56**(2): 112-120.
2. Ahlawat, O. P., Kaur, H. and Arora, B. 2017. Development and evaluation of hybrids and single spore isolates of *Volvariella volvacea* for fruit body yield, nutritional profile and shelf life. *Sydowia-An International Journal of Mycology*, **69**:135-145.
3. Annepu, S. K., Shirur, M. and Sharma, V.P. 2017 Assessment of soil fertility status of Mid Himalayan Region. *Indian Journal of Ecology*, **44**(2): 226-231.
4. Arora, B., Kamal, S. and Sharma, V.P. 2017. Effect of binding agents on quality characteristics of mushroom based sausage analogue. *Journal of Food Processing and Preservation*, **41** (5). doi:10.1111/jfpp.13134.
5. Arora, B., Kamal, S. and Sharma, V.P. 2017. Sensory, nutritional and quality attributes of sponge cake supplemented with mushroom (*Agaricus bisporus*) powder. *Nutrition & Food Science*, **47** (4): 578-590. <http://dx.doi.org/10.1108/NFS-12-2016-0187>.
6. Arora, B., Kamal, S. and Sharma, V.P. 2018. Nutritional and quality characteristics of instant noodles supplemented with oyster mushroom (*P. ostreatus*). *Journal of Food Processing and Preservation*, **42** (2). DOI: 10.1111/jfpp.13521.
7. Arumuganathan, T., Tewari, R.P., Kamal, S., Kumar, R. and Ramanathan, M. 2017. Influence of turning methods on temperature profile of button mushroom compost pile. *Mushroom Research*, **26** (2): 143-147.
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10. Gautam, Y. 2017. Addressing information needs of mushroom farmers through an interactive advisory system. *International Journal of Research in Economics and Social Sciences*, **7**(11)352-357.
11. Gautam, Y. 2017. Internet applications for mushroom research and development. *International Journal of Engineering and Scientific Research*, **5**(12)86-92.
12. Gautam, Y. 2017. Marketing of Mushrooms. *Journal of Marketing Strategy*, **5**(3) 276-285.

13. Gautam, Y. 2017. Mushroom Production status of India. *International Journal of Research in Economics and Social Sciences*, **7**(12) 780-786.
14. Gupta, S., Srivastava, A. and Lal, E.P. 2017. Indigenous leafy vegetables for food and nutritional security in two district of Jharkhand, India. *Journal of Pharmacognosy and Phytochemistry*, **6**(6): 901-909.
15. Khare, V. K., Rai, R.D., Vijay, B., Arumuganathan, T. and Kamal, S. 2017. Production of biodegradative enzymes by some thermophilic fungi of *Agaricus bisporus* compost. *Mushroom Research*, **26** (1): 51-55.
16. Kishor, A., Attri, B.L., Brijwal, M., Kumar, A., Narayan, R., Singh, D.B., Debnath, S., Mer, M.S. and Tiwari, V.K. 2017. Physico-chemical characterization of wild apple (*Malus baccata*) in Kumaon Hills of Uttarakhand. *Eco. Env. & Cons.*, **22** (December Suppl.): S285-S289.
17. Kishor, A., Narayan, R., Brijwal, M., Attri, B.L., Kumar, A. and Debnath, S. 2017. Comparative assessment of physicochemical characteristics among different peach cultivars under mid hill conditions of Uttarakhand. *Chemical Sci. Review and Letters*, **6** (23): 1677-1680.
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19. Kishor A, Narayan R, Brijwal M, Kumar A, Attri BL, Debnath S and Joshi KK 2017.
20. Variability in physico-chemical characteristics of plum genotypes collected from Kumaon Hills of Uttarakhand. *Chemical Sci. Review and Letters*, **6** (21): 520-524.
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22. Kishor A, Raj Narayan, Manoj Brijwal, Brij Lal Attri, Anil Kumar and Sovan Debnath. 2017. Comparative assessment of physicochemical characteristics among different peach cultivars under mid hill conditions of Uttarakhand. *Chemical Science Review and Letters*, **6**(23):1677-1680.
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27. Sharma V P, Annepu SK, Gautam Y, Kamal S and Singh M. 2017 Status of Mushroom Production in India. *Mushroom Research*. 26(2): 111-120.
28. Sharma V P, Annepu SK, Barh A, Shirur M & Kamal S. 2018. Genetic Divergence and Cluster Analysis in Shiitake Genotypes Based on Yield Related Traits with Commercial Breeding Significance to Shorten the Production Period. *International Journal of Vegetable Science*, 1–8. <https://doi.org/10.1080/19315260.2018.1433264>
29. Sharma V P, Kumar S and Kamal, S. 2017. Management of wet bubble disease In *Agaricus bisporus*. *Mush. Research*. 26(2):181-191
30. Sharma V P, Satish Kumar and Shwet Kamal. 2017. Management of wet bubble disease (*Mycogone perniciosa*) in *Agaricus bisporus*. *Mushroom Research* 26 (2): 181-191.
31. Sharma V P, Sudheer K Annepu, Yogesh Gautam, Manjit Singh and Shwet Kamal. 2017. Status of mushroom production in India. *Mushroom Research* 26 (2): 111-120.
32. Shirur Mahantesh and Chandregowda M J. 2017. Ensuring success in oyster (*Pleurotus* sp.) mushroom cultivation through marketing strategies- A case study and SWOT analysis. *Journal of Agricultural Economics and Rural Development*. 3 (1): 184-189.
33. Shirur Mahantesh, Manikandan K, Wakchaure G C and Mandal Kunal. 2018. Indigenous system of white-button mushroom production for augmenting farm income in northern India. *Indian farming*. 68 (02) page 11-16.
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38. Srivastava A, Bishnoi SK and Sarkar PK. 2017. Advances in value addition in jackfruit (*Artocarpus heterophyllus* Lam.) for food and livelihood security of rural communities of India. *The Asian Journal of Horticulture*; 12(1): 160-164.
39. Srivastava A, Pan R S and Bhatt B P. 2018. Antioxidant and nutritional potential of some underutilized leafy vegetables consumed by tribals of Jharkhand, India. *Current Science*; 114(6): 1222-1233.
40. Yadava Y K, Singh R K, Kumar P, Kumar P, Yadav M K, Barh A, Kumar R. 2018. Assay of Genetic Architecture for Identification of Waterlogging Tolerant Pigeonpea Germplasm. *National Academy Science Letters*, 41(1), 11–14. <https://doi.org/10.1007/s40009-018-0614-5>.

Review articles

41. Kumar S, Sharma V P, Shirur M and Kamal S. Status of milky mushroom in India-a review. *Mush. Research*. 26(1): 21-39
42. Barh A and Balakrishnan, M. (2018). Smart phone applications: Role in agri information dissemination. *Agricultural Reviews*, 38(1), 82–85. <https://doi.org/10.18805/ag.R-1730>

