

ASHUTOSH DUBEY

RESEARCH PUBLICATIONS

1. Annika Singh, Ashutosh Dubey, T.K Tyagi, A. K. Gaur and D.P. Mishra (2005). "Screening of different Indian wheat varieties for alpha amylase inhibitor proteins/genes to develop insect resistant transgenic plants", *J. Plant Biol.*, 32(2), pp 149-153.[ISSN: 1226-9239 (Print)]
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3. R. P.Singh, Vinita Pauchori, R. C. Verma, K. K. Mishra, , Ashutosh Dubey and Shishir Tandon; (2008). "Extraction and quantification of glucosaminoglycan from *Ganoderma lucidum*", *Journal of eco-friendly agriculture*, 3(2): 180-182 [ISSN: 2229-628X: NAAS ratings 3.80]
4. Nidhi Gupta, Ashutosh Dubey and Lakshmi Tewari; (2009). High efficiency alcohol tolerant *Saccharomyces* isolates of *Phoenix dactylifera* for bioconversion of sugarcane juice into bioethanol, *J. Scientific &Industrial Research* Vol. 68, May, pp. 401-405 [ISSN 0022-44560:NAAS ratings 6.51 Scopus index: 23554, Impact factor 0.865]
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- Protease from Rhizospheric Soil Bacterium *Bacillus subtilis* strain EN4: *Journal of Pure and Applied Microbiology*; 07(01) 727- 732 [ISSN: 0973-7510 - NAAS ratings 5.05, Impact factor:0.073, Scopus index: 23356, Impact factor:0.149]
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 9. Pratima Raypa, A. K. Verma, Ashutosh Dubey and Salil K. Tewari (2013). "In vitro establishment of a threatened plant species *Adina Cordifolia*" ; *Octa Journal of Biosciences*; 1(2): 138-142 [ISSN 2321-3663; NAAS 4.27]
 10. Deepak Kumar, Vinod Kumar, A K Verma, Prashant Singh and Ashutosh Dubey (2014). Characterization and immobilization of partially purified alkaline protease extracted from rhizospheric soil bacterium, *Bacillus megaterium* strain EN-2 and *Bacillus subtilis* strain EN-3. *African Journal of Microbiology Research* 8 (1), 33-39 [ISSN 1996-0808, Scopus index: 1435, Impact factor:0.149]
 11. Pashupat Vasmatkar, Ashutosh Dubey, Bhawna Tyagi, Pratibha Baral, Shishir Tandon, Amar Kadam (2014). Antibacterial activity and GC-MS analysis of methanolic extract from stem, bark and leaves of *Mitragyna parvifolia* (Roxb.) Korth: *Indo-American Journal of pharmaceutical research*, 4(1) pp 9345-9352 [ISSN no. 2231-6876, Impact factor:0.85]
 12. Keerti, Anuradha Gupta, Vinod Kumar, Ashutosh Dubey, and A K Verma (2014). "Kinetic Characterization and Effect of Immobilized Thermostable p-Glucosidase in Alginate Gel Beads on Sugarcane Juice," *ISRN Biochemistry*, vol. 2014, Article In 178498, 8 pages, 2014. doi: 10.1155/2014/178498 [ISSN no. 2090-7729]
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 14. Bhawana Tyagi, Neha Trivedi, Ashutosh Dubey (2014). "α-amylase inhibitor: A compelling plant defense mechanism against insect/ pests." *Environment and ecology*; 32(3), 995-999
 15. Shishir Tandon and Ashutosh Dubey (2015), "Effects of Biozyme(*Ascophyllum nodosum*) Biostimulant on Growth and Development of Soybean [*Glycine Max* (L.) Merrill]"; *Communications in Soil Science and Plant Analysis*; 46 (7), 845-858 [ISSN:

0010-3624 print / 1532-2416 online](Impact factor: 0.42, NAAS J code C109: Score 6.42, Scopus index: 8110, Impact factor: 1.328)

16. Neha Trivedi, A K Verma, Ashutosh Dubey (2015), "16S rDNA-based identification of butachlor degrading soil bacterial isolates from rice field in Uttarakhand terai region", Journal of Environmental and Applied Bioresearch; 03(02), pp. 73 - 78 [ISSN 2319-8745]
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19. Priyankar Pamwar, Ashutosh Dubey and A. K. Verma (2016). Evaluation of nutraceutical and antinutritional properties in barnyard and finger millet varieties grown in Himalyan region. Journal of Food Science and Technology. 53(6): 2779-2787 [ISSN: 0022-1155 (Print) 0975-8402 (Online), NAAS 9.71 Scopus index: 21386, Impact factor: 2.701]
20. Pratibha Baral, Ashutosh Dubey, Salil Tewari, Pashupat Vasmatkar, A. K. Verma (2016). Total polyphenolic contents and antioxidant activity of Leaf, Bark and Root of *Adina cordifolia* Benth. & Hook. Journal of Pharmaceutical, Chemical and Biological Sciences. 4(3): 394-401 [ISSN: 2348-7658]
21. Pashupat Vasmatkar, Pratibha Baral, Vandana A Kumar and Ashutosh Dubey (2017). *In vitro* micropropagation of *Mitragyna parvifolia* (Roxb.) Korth- An endangered multipurpose medicinal tree. The Bioscan 12 (3), 1691-1696 [ISSN 0973-7049, NAAS J code T017; Score 5.26] (International)
22. Neha Trivedi, Shishir Tandon and Ashutosh Dubey (2017). Fourier transform infrared spectroscopy (FTIR) profiling of red pigment produced by *Bacillus subtilis* PD5. African Journal of Biotechnology 16 (27), 1507-1512 3 [ISSN 1684-5315 Scopus index: 1413, Impact factor: 2.701] (International)
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Magazine 13 (52), S775-S779. [ISSN 0973-1296, NAAS J code P042; Score 7.53, Scopus index: 30422, Impact factor: 1.525] (International – Taylor-Francis)

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26. Priyankar Panwar, A. K. Verma, and Ashutosh Dubey (2018) Purification, developmental expression, and in silico characterization of α -amylase inhibitor from *Echinochloa frumentacea*. *3 Biotech* 8:227, 2-16 [ISSN 2190-572X (print), 2190-5738 (online), NAAS 8.43, Scopus index: 4, Impact factor: 2.406] Springer)
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29. Soniya Saini, Ashutosh Dubey, Atul Kumar, Gohar Taj, Somya Budhori, Vandana A. Kumar (2018). *In vitro* Direct Rhizogenesis of an Endangered Medicinal Herb: *Valeriana jatamansi* Jones. *International Journal of Current Microbiology and Applied Sciences*. 7 (04), 3108-3114 [ISSN 2319-7692 NAAS J code I199; Score 5.38] (International)
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31. Dipti Singh, Ashutosh Dubey and A.K. Verma. Evaluation of morphological and physiological parameters during drought stress in Barnyard millet growing in Kumaun region of Himalayan (2018). Research Journal of Chemical and Environmental Sciences. 6(3): 64-85 [ISSN 2321-1040 NAAS 4.64] (Indian)
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36. Snigdha Srivastava, Sheetal Chanyal, Ashutosh Dubey, A. K. Tewari and Gohar Taj (2019). Patterns of codon usage bias in WRKY genes of *Brassica rapa* and *Arabidopsis thaliana*. Journal of Agricultural Science 11 (4), 76-91.[ISSN 0975 0967 NAAS 5.10 Scopus index19703, Impact factor 1.476] (International)
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43. Yashwant Kumar, Salil Tewari, A. K. Verma and Ashutosh Dubey (2021). A preamble study on ecophysiological impact of bamboo species for sustaining soil health. International Journal of Chemical Studies, 9(1): 2315-2319 [E-ISSN: 2321-4902, NAAS 5.31]
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53. Harshita Negi, Salil Tewari, Ashutosh Dubey, Rajesh Kaushal and Pallavi Bhatt (2022). Status of biodiversity in bamboos in India. International journal of Innovative horticulture, 11(2), 288-296. (NAAS 3.40)