

**i. PUBLICATIONS IN JOURNALS WITH NAAS RATING ABOVE 6.0 (During last 5 years)**

1.	I032	Subhashini, D. V., M. Anuradha, D. Damodar Reddy and J. Vasanthi. 2016. Bio-nutrition for improving the vigour of FCV tobacco ( <i>Nicotiana tabacum</i> L.) seedlings. Indian J. Agric. Sci. 86: 379-384.	6.37
2.	C120	Subhashini. D. V. 2016. Effect of NPK Fertilizers and Co-inoculation with Phosphate Solubilising <i>Arbuscular Mycorrhizal</i> Fungus and Potassium Mobilizing Bacteria on Growth, Yield, Nutrient acquisition and Quality of Tobacco ( <i>Nicotiana tabacum</i> L.). Comm. Soil Sci. Plant Anal. 47: 328-337.	7.33
3.	J432	Wankhede, D.P., P. Singh, J. Monika, P. K. Rao, S. K. Raina and A. K. Sinha. 2016. UV B activates a 'group A' mitogen activated protein kinase in <i>Oryzasativa</i> . J. Plant Biochem. Biotech. 25: 392-399.	7.18
4.	I320	Subhashini, D. V., M. Anuradha, D. Damodar Reddy and J. Vasanthi. 2016. Development of Bioconsortia for Optimizing Nutrient Supplementation through Microbes for Sustainable Production of Tobacco in Vertisols. Int. J. Plant Prod. 10: 479-490.	8.02
5.	I032	Hema, B., J. P. Sharma and Reshma Gills. 2016. Farmer-led innovations: Retrospect and Prospects. Indian J. of Agric. Sci. 86(10): 1257-64.	6.37
6.	I032	Kasturi Krishna, S., S.V. Krishna Reddy, V. Krishnamurthy, C. Chandra Sekhara Rao and M. Anuradha. 2016. Effect of N and K on growth, yield and nutrient uptake of FCV tobacco cv. Kanchan. Indian Journal of Agricultural Sciences. 86(5): 692-6.	6.37
7.	C120	Kushwah, S.S., D. Damodar Reddy, S. Somasundaram, S. Srivastava and R.S. Khamparia. 2016. Crop residue retention and nutrient management practices on stratification of phosphorus and soil organic carbon under soyabean-wheat system in Vertisols of Central India. Communications in Soil Science and Plant Analysis. 47(21): 2387-95.	7.33
8.	B163	Mallikarjuna Rao, K.L.M., K. Sivaraju and H. Ravisankar. 2016. Cultural conditions on the production of extracellular enzymes by <i>Trichoderma</i> isolates from tobacco rhizosphere. Brazilian Journal of Microbiology. 47: 25-32.	8.48
9.	I075	Nanda, C., V. H. Prathibha, A. Mohan Rao, S. Ramesh, ShailajaHittalmani and SushmaPai. 2016. Tagging SSR markers associated with genomic regions controlling anthracnose resistance in chilli. Indian Journal of Horticulture. 73(3): 350-5.	6.16
10.	C120	Damodar Reddy, D., D. Blaise, B. Kumrawat and A.K. Singh. 2017. Evaluation of integrated nutrient management interventions for cotton ( <i>Gossypiumhirsutum</i> ) on a Vertisol in Central India. Communications in Soil Science and Plant Analysis. 48(4): 469-75.	7.33

11.	E091	Damodar Reddy, D., R.K. Ghosh, J.P. Bindu, M. Mahadevaswamy and T.G.K. Murthy. 2017. Removal of methylene blue from aqueous system using stems biomass. <i>Environmental Progress and Sustainable Energy</i> . 36: 1005-12.	8.43
12.	I032	Hema Baliwada, J. P. Sharma, R. R. Burman, M. S. Nain, Anil Kumar and P. Venkatesh. 2017. A study on institutionalization of farmer led innovations for their scaling up. <i>Indian Journal of Agricultural Sciences</i> . 87 (12): 1725-1729.	6.37
13.	J195	Raju, K.S., D. Damodar Reddy, H. Ravisankar, T.G.K. Murthy and N.S. Murthy. 2017. Assessment of oxidative changes in tobacco seed oil stored at different conditions. <i>Journal of Environmental Biology</i> . 38: 297-303.	6.78
14.	J549	Arati Paul, Riddhidipa Bhowmik, V. M. Chowdary, Dibyendu Dutta, U. Sreedhar and H. Ravisankar. 2017. Trend analysis of time series rainfall data using robust statistics. <i>Journal of water and climate change</i> . 8 (4) 691-700	7.90
15.	J195	Subbanna Avupati, R.N.S. Khan, M.S. Srivastava, R.M. Mishra, P.K. Kalyanababu and V. Venkateswarlu. 2018. Interspecies diversity of <i>Bacillus thuringiensis</i> isolates from North West Indian Himalyas. <i>Journal of Environmental Biology</i> . 39: 306-313.	6.78
16.	I185	Bappa Das, Bhakti Nair, Viswanatha Reddy, K. and Paramesh, V. 2018. Evaluation of multiple linear, neural network and penalised regression models for prediction of rice yield based on weather parameters for west coast of India, <i>International Journal of Biometeorology</i> 62 (10): 1809-1822.	9.79
17.	J195	B.L. Manjunatha, V. Paramesh, G. R. Mahajan, Viswanatha Reddy, K., Bappa Das and Narendra Pratap Singh. 2018. A five years study on the selection of rice based cropping systems in Goa for west coast region of India. <i>Journal of Environmental Biology</i> , 39: 393-399.	6.78
18.	J248	Paul A, Banerjee K, Goon A, Saha S. 2018. Chemo-profiling of bioactive constituents present in pomegranate aril and seed grown in Indian condition and its bio accessibility study. <i>Journal of Food Science and Technology</i> , 55 (7): 2488-2496	8.70
19.	J089	Ghosh, R. K., S. Zareen Khan, Kaushik Banerjee, D. Damodar Reddy, N.R. Johnson and DebPrasad. 2019. Elucidation of false detection of pesticides during residue analysis in indian tobacco by multidimensional GC-MS. <i>J. AOAC Int.</i> 103: 1-7.	7.91
20.	E050	V.Paramesh, R. Parajuli, E.B. Chakurkar, G.B. Sreekanth, H.B. Chetan Kumar, P.P. Gokuldas, G. R. Mahajan, K.K. Manohara, Viswanatha Reddy K., N. Ravisankar. 2019. Sustainability, energy budgeting, and life cycle assessment of crop dairy-fish-poultry mixed farming system for coastal lowlands under humid tropic condition of India, <i>Energy</i> , 188, 106101.	13.15
21.	J089	Supradip Saha, Jashbir Singh, Anindita Paul, Rohan Sarkar, Zareen Khan and Kaushik Banerjee. 2019. Anthocyanin profiling using UV-Vis spectroscopy and liquid chromatography Mass Spectrometry. <i>J.AOAC Int.</i> 103: 1-17.	7.91
22.	E089	Meena, M.K., A.K. Singh, L.K. Prasad, M.D. Adlul Islam, M.L. Meena, Dotaniya, Harvir Singh and B.L. Yadav. 2020. Impact of Arsenic Polluted Groundwater on Soil and Produce Quality: A Food	8.51

		Chain Study. Environmental Monitoring and Assessment 192, 785: 1-8.	
23.	I032	Sunil Mandi and Y.S. Shivay. 2021. Performance of Basmati rice as influenced by summer green manuring crops and sulphur fertilization. Indian Journal of Agricultural Sciences. 91(1):105-8	6.37
24.	G014	Swarnalatha, G., K. Sarala, K. Prabhakara Rao, K. Baghyalakshmi, K.R.S. Sambasiva Rao and J. Poorna Bindu. 2020. Parasitic interactions of Orobanche with selected Nicotiana species and identification of effective resistant genotypes. Genetic Resources and Crop Evolution 67(5): 1125- 1136.	7.52
25.	S096	Viswanatha Reddy, K., Venkatesh Paramesh, V. Arunachalam, Bappa Das, Hosam O. Elansary, Arjun Parab, D. Damodar Reddy, K. S. Shashidhar, Diaa et. al., 2020. Assessment of Sustainability and Priorities for Development of Indian West Coast Region: An Application of Sustainable Livelihood Security Indicators, Sustainability, 12, 8716.	9.25
26.	I185	Bappa Das, Bhakti Nair, V.Arunachalam, Viswanatha Reddy, K, V. Paramesh, Debashis Chakraborty, and Sujeet Desai. 2020. Comparative evaluation of linear and nonlinear weather-based models for coconut yield prediction in the west coast of India, International Journal of Biometeorology 64:1111-1123,	9.79
27.	A115	Nataraja, T.H. Naika, R. Shashidhara, S.K. Viswanatha Reddy, K. Abdelmohsen, S.A.M. et. al., 2021. Productivity of Paddies as Influenced by Varied Rates of Recommended Nutrients in Conjunction with Bio fertilizers in Local Landraces. Agronomy, 11, 1165,	9.42
28.	A115	Kumar, P. Kar, A. Singh, D.R. Perumal, A. Shivamurthy, S.G. Viswanatha Reddy, K. Badal, P.S. Lala Kamble, A. Kamalvanshi, V. Jha, G.K. et.al., 2021. Protected Cultivation of Horticultural Crops in Uttarakhand- An Economic Analysis. Agronomy, 11, 692,	9.42
29.	J148	Ghosh R., Majumder S., Bhattacharyya A Paul A., Khan Z., Ray D.P., Chattopadhyay S.N., Pardeshi A., Shakyawar D.B., Banerjee K. 2021. Introducing a low-cost jute activated carbon as a novel cleanup agent in multiclass pesticide residue analysis using gas chromatography tandem mass spectrometry. Journal of Cleaner Production.	15.30
30.	E096	Majumder S, Mandal S., Majumder S., Paul A, Paul T., Sahana N, and Mondal P. 2021. A liquid chromatographic method for determination of acetamiprid and buprofezin residues and their dissipation kinetics in paddy matrices and soil. Environmental Science and Pollution Research.	10.22
31.	J146	Paul A, Khan Z, Bhattacharyya A, Majumder S, Banerjee K. 2021. Multiclass pesticide residue analysis in tobacco (Nicotiana tabacum) using high performance liquid chromatography-high resolution (Orbitrap) mass spectrometry: A simultaneous screening and quantitative method. Journal of Chromatography A, 1648: 462208.	10.76
32.	A114	D. R. Palsaniya, Sunil Kumar, M. M. Das, T. Kiran Kumar, Sunil Kumar, Manoj Chaudhary, Khem Chand, S. K. Rai, Akram Ahmed, C. S. Sahay & Mukesh Choudhary. 2021. Integrated multi-enterprise agricultural system for sustaining livelihood, energy	8.55

		use and resource recycling: a case study from semi-arid tropics of central India. <i>Agroforest Syst</i> 95: 1619-1634	
33.	I068	Ajay, B.C., Bera,S.K., Singh, A.L., Narendra Kumar,Dagla, M.C., Gangadhar, K., Meena H N and Makwana,A.D. 2021, Identification of stable sources for low phosphorus conditions from groundnut ( <i>Arachis hypogaea</i> L.) germplasm accessions using GGE biplot analysis, <i>Indian J. Genetics and Plant Breeding.</i> , 81(2): 300-306	6.51
34.	I068	Ajay,B.C., Ramya,K.T., Abdul Fiyaz, R., Govindaraj, G., Bera,S.K., Narendra Kumar, Gangadhar,K., Praveen Kona, Singh G.P and Radhakrishnan, T., 2021, R-AMMI-LM: Linear-fit Robust-AMMI model to analyze genotype-by environment interactions, <i>Indian Journal of Genetics and Plant Breeding</i> , 81(1): 87-92 (2021), DOI: 10.31742/IJGPB.81.1.9	6.51
35.	G026	Gopalareddy Krishnappa, Bhudeva Singh Tyagi, Sanjay K. Singh, Harohalli M. Mamrutha, Satish Kumar, Chandra N. Mishra, Hanif Khan, Gangadhara Krishnappa, Uday Govindareddy, Gyanendra Singh, Gyanendra P. Singh, 2021, Genomic Selection: Rapid Genetic Gain through Genome-Wide Prediction in Crop Plants, <i>Genomics</i> , 1113:1070-1086.	11.74
36.	L014	Gangadhara, K and H.K. Gor. 2022. Genetic Variability and G×E Interactions in a Diverse Set of Groundnut Accessions. <i>Legume Research</i> , <a href="https://doi.org/10.18805/lr-4664">https://doi.org/10.18805/lr-4664</a>	6.59

