

PUBLICATION LIST

Sl. No.	Name of Authors and Journal with Title of published paper	NAAS rating
1.	A. K. Singh, Arun Kumar Rajeev Ranjan, B. M. Sinha and M . P. Singh (2020): Performance of gladiolus genotypes under north Bihar Agro climatic conditions. Published in Int. J. of Chemi. Stud., 8(5):1733 – 1735.	5.31
2.	A.K. Srivastava,, D.R. Saxena, , P.R. Saabale,, K.S. Raghuvanshi, , V.P. Anandani, , R.K. Singh,O.P. Sharma, , A.R. Wasinikar, , SangitaSahni, , R.K. Varshney, , N.P. Singh and G.P. Dixit. (2021). Delineation of genotype-by-environment interactions for identification and validation of resistant genotypes in chickpea to fusarium wilt using GGE biplot. Crop Protection 144(2021) 105571.	
3.	AbhishekRanjan, C. K. Jha and Navnit Kumar (2020). A Review on Effect of INM on Sugarcane Growth, Yield and Quality. Int.J.Curr.Microbiol.App.Sci. 9(01): 2597-2605.	5.38
4.	AbhishekRanjan, C. K. Jha, S. K. Thakur, Shubham Singh, Vivek Kumar and MunmunMajhi (2020). Nitrogen Dynamics in Soil as Influenced by Split Application of Organic Manures and Fertilizers under Sugarcane Grown on Calcareous Entisol of Bihar. Int.J.Curr.Microbiol.App.Sci. 9(07): 1984-1992.	5.38
5.	Agarwal R. and Sharma V. K. (2020) Characterization of rice genotypes in relation to salt tolerance related response at early seedling stage. J. Pharmacogn. Phytochem., 9(6): 2169-2174.	5.21
6.	Agarwal R., Sharma V. K. and Bhutia K. L. (2021) Morpho-agronomic evaluation for delineation of salinity stress specific response and tolerance status of rice genotypes. J. Pharmacogn. Phytochem., 10(1): 1062-1069.	5.21
7.	Ahmad Md. Abbas (2020). Evaluation of eco-friendly approaches for the management of pod borer complex of pigeonpea [Cajanus cajan (L.) Millsp.] Journal of Entomology and Zoology Studies 8(4): 35-37.	5.53
8.	Ahmad Md. Abbas,. Sai Reddy M. S and Akhtar Md. Nadeem (2020). Contact and ovicidal toxicity of plant essential oils against pulse beetle, Callosobruchus chinensis Linn. (Coleoptera: Bruchidae). Jour. of Ento. and Zool.Stud. 8(4): 47-50.	5.53
9.	AhsanMd. Shahzaman, Minnatullah Md. and Upadhyay J.P. (2020). Management of chickpea collar rot by integration of biological and chemical seed treatment. J. of Entomo. and Zool. Stud., 8(4): 42-46	5.53
10.	AhsanMd. Shahzaman, Minnatullah Md. and Upadhyay J.P. (2020). Response of fungicides on selective cultivar of chickpea against collar rots in chickpea. J. of Entom. and Zool.stud., 8(4): 51-55.	5.53
11.	Alam, M. M., Suman, S. N., Kumar Vipin, Jha Shankar, Laik, R., Kumar A. and V. Kumari. 2020. Soil Carbon Fractions as Influenced by Long-Term Integrated Nutrient Management under Rice-Wheat Cropping System in Calcareous Soil of North Bihar. Int. J. of Curr. Microbi. and Appl.Sci.. 9(11):3566-3572.	5.38

12.	Bhutia, K.L., Nongbri, E.L., Gympad, E., Rai, M., and Tyagi, W. (2020). In silico characterization and expression analysis of rice golden 2-like (OsGLK) members in response to low phosphorous. <i>Mol. Biol. Rep.</i> , 47(4):2529-2549	8.11
13.	Bhutia, K.L., Nongbri, E.L., Sharma, T.O., Rai, M. and Tyagi, W. (2021). A 1.84-Mb region on rice chromosome 2 carrying SPL4, SPL5 and MLO8 genes is associated with higher yield under phosphorus-deficient acidic soil. <i>J. Appl. Genet.</i> , https://doi.org/10.1007/s13353-020-00601-4	7.73
14.	Deepti, Swati Rani., Kumari Anjani., Kumar Rajeev and Sharma V. K. (2021). Standardization of in-vitro surface sterilization protocol for mature wheat embryo. <i>J. Pharmacogn. Phytochem.</i>	5.21
15.	Deepti, Swati Rani., Kumari Anjani., Rajeev Kumar and V. K. Sharma (2020). In-vitro Screening for Disease Resistance in Wheat Genotypes against <i>Bipolaris sorokiniana</i> Using Callus Culture Method. <i>Curr. J. App. Sci. Technol.</i> , 39(46): 82-87.	5.32
16.	Divija, S.D., Agnihotri, M. and Reddy, M.S.S. (2020) Biophysical and biochemical basis of host plant resistance in chickpea germplasm against <i>Callosobruchus chinensis</i> (L.). <i>J. of Ento. and Zool. Studi.</i> 8 (5):769-774.	5.53
17.	Divija, S.D., Agnihotri, M. and Reddy, M.S.S. (2020). Biophysical and biochemical basis of host plant resistance in chickpea germplasm against gram pod borer, <i>Helicoverpa armigera</i> (Hübner) <i>Inte. J. of Chem. Studi.</i> 8(5): 353-357	5.31
18.	Dubey S, Md.Minnatullah, Maurya Shivam, Singh S.P., Paswan S, and Kumar B (2020). Effects and Economics of treatment on sugarcane red rot disease. <i>Int. J. of Chem. Studi.</i> 8(2) 1662-1667.	5.31
19.	Dubey Saurabh, Minnatullah Md., Maurya S, Choudhary C.S and Ranjan A (2020). Impact of different dates of inoculation and evaluation of sugarcane varieties against Red rot disease of sugarcane. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 9(3): 675-682.	5.38
20.	Gumber K, Barmota H, Kaur R, Kang B K and Sahoo S K (2020). Dissipation of six neonicotinoids in cotton by high performance liquid chromatography and QuEChERS methodology. <i>Pesticide Res. Jour.</i> 32(1): 85-95	5.90
21.	Gupta, PK , Chitara, MK and Singh SK. 2020. Antagonism of native and commercial <i>Trichoderma</i> spp. Against <i>Fusarium solani</i> isolates causing root rot of Papaya (<i>Carica papaya</i> L.). <i>Int. J. Curr. Microbiol. App. Sci.</i> 9(2)1260-1269	-
22.	I Yimjenjang Longkumer and Md. Abbas Ahmad (2020). Potential of Mycovirus in the Biological Control of Fungal Plant Pathogens: A Review <i>Agricultural Reviews</i> 41(3): 238-247	
23.	Karthik, S., Yadav, M.K., Reddy, M.S.S. and Yashaswini, G. (2020). Study on the Diversity and Abundance of Butterfly Fauna in Pusa, Bihar. <i>Int. J. of Ecol. and Environm. Sci.</i> 2(4): 429-434.	5.18
24.	Krishnamurthy, S. L., Sharma, P. C., Sharma, D. K., Singh, Y.P., Gautam, R. K., Thirumeni, S., Tiwari S., Bonifacio J., Ismail, A. M. and Singh, R. K. 2021. Additive Main Effects and Multiplicative Interactions analysis of yield performances in Rice Genotypes for General and specific Adaptation to Salt stress locations of India. <i>Euphytica</i> . 217: 20	7.53

25.	Kumar A, Pal S., Rai C.P., and Kumar S (2020). Effect of weather parameters on seasonal incidence of root borer, <i>Emmalocera depr essell a</i> (Swinhoe) in sugarcane under terai zone of Northern West Bengal. J. of Ento. and Zool.Stud. 8(4): 555-558. 5.53	5.53
26.	Kumar Chiranjeeb, Prasad, S. S., Singh, S. P., Bharti Vikram and Jha S. 2020. Effect of Household Vermicompost and Fertilizer on Soil Microbial Biomass Carbon, Biomass Phosphorus and Biomass Nitrogen in Incubation Experiment. Int. J. of Curr. Microbi. and Appl. Sci.. 9(2): 1508-1514 5.38	5.38
27.	Kumar Manoj, Sountharya R., Yadav Munna, and Rai C.P. (2020). Management of Brinjal shoot and fruit borer (<i>Leucinodes orbonalis</i> Guenee) J. of Ent. and Zool.Stud.8(4): 1589-1591 5.53	5.53
28.	Kumar N (2020). Enhancing sugarcane plant- ratoon productivity through bud chip transplanting geometry. Sugar Tech.22(2): 208-215. 7.20	7.20
29.	Kumar N and V. Kumar (2020). Production potential and nitrogen fractionation of sugarcane- based cropping system as influenced by planting materials and nitrogen nutrition. Sugar Tech. 22 (4): 622-629. 7.20	7.20
30.	Kumar U, Jha S and Lal S P 2020. Divulging Satisfaction Levels of Residents for Household Waste Management through Vermicomposting at Dr. Rajendra Prasad Central Agricultural University: A Cross-sectional Exploration. Curr. J. of Appl.Sci. and Tech. 39(21): 48-55. 5.32	5.32
31.	Kumar Vivek, Singh, S. K., Singh Pankaj and Tiwari Sanjay. 2020. Effect of Long term practices of different cropping systems on physic-chemical parameters of soil quality.Int. J. of Chem. Stud. 8(2): 1136-1140. 5.31	5.31
32.	Kumar Vivek, Singh, S. K., Singh Pankaj, Tiwari Sanjay, Nand Mani Mesha, Kumar Chiranjeeb and Majhi Munmun. 2020. Effect of cropping systems on soil properties and enzymatic activities in calcareous soil; Int. J. of Chem. Stud. 9(4): 1255-1262. 5.31	5.31
33.	Kumar, N., Kumar, V. 2020. Production Potential and Nitrogen Fractionation of Sugarcane-Based Cropping System as Influenced by Planting Materials and Nitrogen Nutrition. Sugar Tech. 22: 622–629 7.02	7.02
34.	Kumar, P., Asthana, R., Ram, P., & Kumar, M. (2019) “Prevalence of gastrointestinal helminthes in cattle and buffalo in Samastipur district of Bihar. International journal of Agricultural invention, 5(02),165-168. https://doi.org/10.46492/IJAI/2020.5.2.3 .	
35.	Kumar, R., Keshari, Nishi and Dayaram (2020) Efficacy of Nematophagous fungi from button mushroom compost on the myceliophagous nematodes. J. of Pharmacognosy and Phytochemi., 1318-1323 5.21	5.21
36.	Kumar, R., Keshari, Nishi, Dayaram and Pathak, K. N. (2020) Occurrence of Nematophagous fungi in the fresh and spent button mushroom compost in Bihar. J. of Pharmacognosy and Phytochemi., 119-123. 5.21	5.21
37.	Kumar, S., Sahni, S., & Prasad, B. D. (2020). Integrated Disease Management of Chickpea Fusarium Wilt. Curr. J. of App.d Sci.and Tech. 39(7), 20-25.	

38.	Kumar, V., Singh, S. K., Singh, P., Tiwari, S., Nand, M. M., Kumar, C. and Majhi, M. 2020. Effect of cropping systems on soil properties and Enzymatic Activities in Calcareous soil. <i>Int. J. of curr. Microbi. and Appl. Sci.</i> 9 (4): 1255-1262. 5.38	5.38
39.	Kumari P., Kumar B., Kamat D.N., Singh R., Singh D., D. and Chhaya R., (2020) To study genetic variability, heritability and genetic advance for cane and sugar yield attributing traits in mid-late maturing sugarcane clones <i>J. of Pharmacognosy and Phytochemistry</i> 9(1): 1890-1894. 5.21	5.21
40.	Kumari Priyanka, Singh KM, and Ahmad Nasim (2020). Yield Gap and its Determinants in Pulse Crops of Bihar- Facts from Plot-level data of Cost of Cultivation Scheme. <i>Multilogic in Science</i> . 9 (32): 455-458. 5.20	5.20
41.	Kumari R., Kumar P., Sharma V. K. and Kumar H. (2020) Genome profiling of differential salt stress responsive landraces and varieties of rice using ISSR markers. <i>Genetika</i> , 52(3): 1215-1233. 6.46	6.46
42.	Kumari Sarita, Pushpa and Singh Su K (2020) Insilco gene characterisation and promoter analysis of drought inducible MYB gene from <i>Eleusine coracana</i> . <i>J. Pharmacogn. Phytochem.</i> , SP6: 123-127. 5.21	5.21
43.	Kumari Savita, Gayatri and Kumar Mahesh (2020): A study on psychological empowerment of women artist involved in Mithila Painting. <i>The Pharma Innovation Journal</i> , 9(3)539-542 5.03	5.03
44.	Kumbhar C R and S P N Singh (2020). Efficacy of newer insecticides against rice borer complex under North Bihar condition, <i>J. of Ento. and Zool. Stud.</i> , 8 (4): 797-801 5.53	5.53
45.	Kumbhar C R and S P N Singh (2020). Species Composition of Rice Stem Borers in different Rice Cultivation System under North Bihar condition. <i>J. of Ento. and Zool. Stud.</i> 8 (4): 1906-1909 5.53	5.53
46.	Kusum A, Jha S., Prasad, S. S. and Singh, S. P. 2020. Micronutrient Availability as Influenced by Household Waste based Vermicompost Application in Calcareous Soil of Bihar during Rice Growth Period. <i>Int. J. of Curr. Microbi. and Appl. Sci.</i> 9(2): 960-966.	
47.	Kusum A, Jha S., Prasad, S. S. and Singh, S.P. 2020. Effect of household waste based vermicompost and fertilizer on phosphorus and potassium mineralization in calcareous soil of Bihar. <i>Int. J. of Chem. Studi.</i> 8(1): 2094-2098 5.31	5.31
48.	Lalita Rana, Hirak Banerjee, D. Mazumdar, K Ray, S.Sarkar, S.Garai and J. Nayak. (2020). Response of maize (<i>Zea mays</i> .) hybrids to spatio-temporal variation in planting. <i>Ind. Jou. of Agronomy</i> . 65(3):290-296 5.46	5.46
49.	Madhuri Rajae, Dakhli, Ghosh Avijit, Manna, M. C. K., Ghosh, Rahaman, M. M., Pratap Wankhede B, Singh Muneshwar, Jha Shankar and Patra, A. K. 2021. Long-term manure application for crop yield stability and carbon sequestration in a subtropical. <i>Soil Use and Management</i> (Accepted). 7.96	7.96
50.	Mali Suraj, Tiwari Sanjay, Laik Ranjan. 2020. Influence of organic and inorganic amendments and their combination on micro nutrient (Zn, Cu, Fe, Mn and Boron) uptake in grain and straw of various rice genotypes under Sodic soils of Bihar. <i>J. of Pharmacognosy and Phytochemistry</i> . 9(5):444-454. 5.21	5.21

51.	Mali, S., Tiwari, S., and Kumar, V. 2020. Influence of Organic and Inorganic amendments and their combination on Macronutrients (N, P and K) uptake in grain and straw of various rice genotypes under Sodic soils of Bihar. J. of Pharmacognosy and Phytochemistry. 9 (5): 436-443.	5.21
52.	Md. Abbas Ahmad (2020). Evaluation of eco-friendly approaches for the management of pod borer complex of pigeonpea [<i>Cajanus cajan</i> (L.) Millsp.] J. of Ento. and Zool. Stud. 8(4): 35-37	
53.	Md. Abbas Ahmad, M. S. Sai Reddy and Md. Nadeem Akhtar (2020). Contact and ovicidal toxicity of plant essential oils against pulse beetle, <i>Callosobruchus chinensis</i> Linn. (Coleoptera: Bruchidae) J. of Ento. and Zool. Stud. 8(4): 47-50	
54.	Md. Minnatullah, Hari Chand, Sudhir Paswanand, S.P. Singh (2020). Influence of weather on Pokkahboeng disease in sugarcane under North-west Alluvial plains (Zone I) of Bihar. J. of Agromet. 22(1): 60-62.	6.64
55.	Mishra A, Sahni S, Prasad BD, Kumar B and Kumar S (2020) Molecular characterization of Mungbean [<i>Vignaradiata</i> (L.) Wilczek] genotypes for resistance against Mungbean Yellow Mosaic Virus (MYMV). Re. J. of Biotech. 15(6): 123-134. 27.	
56.	Mishra, A., Sahni, S., Kumar, S., & Prasad, B. D. (2020). Seaweed - An Eco-friendly Alternative of Agrochemicals in Sustainable Agriculture. Curr. J. of Appl. Sci. and Tech., 39(27), 71-78.	
57.	Nand Mani Mesha, Singh Shiveshwar Pratap, Kishor Kaushal, Kumar Anand, Alam Md. Mahtab and Kumar Vivek. 2020. Effect of potassic fertilizer application on available potassium at different growth stages of paddy in calcareous soil of North Bihar. J. of Pharmacognosy and Phytochemistry. 9(2): 645-648.	5.21
58.	Pal, R. K., Singh, P., Pant, A.K., Tiwari, S. and Singh, S. K. 2020. Effect of Nutrient Management and crop establishment Methods of Rice on Biological Properties of Soil. Int. J. of curr. Microbi. and appl. Sci. 9 (1): 1943-1951.	5.38
59.	Pal, R.K., Singh, P., Pant, A.K., Tiwari, S., Maurya, S., Singh, S.K., and Ranjan, A. 2020. Influence of Nutrient Management and Establishment Methods on Yield and economics of Rice in Calcareous soils of Bihar. Int. J. of Chemi. Stud. 8(1): 104-108	5.31
60.	Pandey, I.B. and Tiwari, Sanjay 2020. Production Potential and Economic Feasibility of Planting pattern and nutrient management in Pigeon-pea based intercropping system under rain fed condition. Legume Research (Accepted)	6.34
61.	Punya, Kumar P., Sharma V.K. and Singh A. K (2020) Genetic divergence studies and heterotic grouping in maize inbred lines using microsatellite markers. Indian J Plant Genet. Resour., 33(2): 209-216.	5.12
62.	Rai S.N. and Singh M.K. (2021). Species composition of rice stem borers in different rice cultivation system under north Bihar condition, J. of Ento. and Zool. Studi. 8 (4): 1906-1909	5.53
63.	Rakesh, A. P., Kumari Vandana and Suman S. N. 2020. Effect of Organic Manure Amended Sulphur on Transformation of Different Fractions in Calcareous Soil of Bihar. J. of Pharmacognosy and Phytochemistry. 9(2): 1443-1448.	5.21

64.	Ram, P. & Kumar, P.(2020).Contagious Ethyma in Black Bengal crossbred goats and its therapeutic management. International Journal of Agricultural Invention,5(01),145-149. https://doi.org/10.46492/IJAI/2020.5.1.22 .	
65.	Sahni, S., Prasad, B.D. Management of collar rot disease using vermicompost and a PGPR strain Pseudomonas sp. and their effect on defense-related enzymes in chickpea. Ind.Phytopatho. (2020).	
66.	Sahoo S K, Sharma N, Mandal K and Kumar R (2020) Dissipation kinetics of metribuzin in sugarcane and soil under sub-tropical conditions of Punjab in India. Sugar Tech (Accepted)	7.02
67.	Sandeep Kaur, Balpreet Kaur Kang, Smriti Sharma & Sanjay Kumar Sahoo (2020): Dissipation kinetics of fenazaquin residues in okra and soil under subtropical conditions of Punjab, India, Int. J. of Environ. Analyti. Chemi., DOI: 10.1080/03067319.2020.1738416	7.27
68.	Sanjeev Kumar , Sangita Sahni* and BishunDeo Prasad (2020). Integrated Disease Management of Chickpea Fusarium Wilt. Cur. J. of Appl. Sci.and Tech. 39(7): 20-25.	
69.	Sarita Kumari, Singh S K, Sharma V K, Kumar R, Mathur M, Upadhyay K T and Prajapat R K (2021) CRISPR-Cas: A Continuously Evolving Technology. Indian J Agric. Sci., (Accepted).	6.25
70.	Sattar A., Singh G., Singh Shruti V., Kumar Mahesh, Kumar P. Vijaya and Bal S. K. (2020): Evaluating temperature thresholds and optimizing sowing dates of wheat in Bihar. J. of Agro-meteorology 22 (2): 158-164	6.64
71.	SaurabhDubey, Md.Minnatullah,Shivam Maurya, C.S.Chaudhary, S.P Singh and BipinKumar (2020). Effect of weather parameters on incidence of red rot disease in sugarcane. J. of Pharmacognosy and Phytochemistry 9(2): 1053-1055	5.21
72.	Saw B, Singh S P, SharmaA and Ahmad N(2020): Costs and returns of sugarcane production: A micro level study of Samastipur and Begusarai district of Bihar. Int. J. of Chemi. Studi. 8(2) 1548-1552.	5.31
73.	Saw Bipin, Singh Shiva Pujan, Sharma Amardeep and Ahmad Nasim (2020). Costs and returns of sugarcane production: A micro level study of Samastipur and Begusarai districts of Bihar. Int. J. of Chemi. Studi. 2020; 8(2): 1548-1552	5.31
74.	Sharma V., Kumar R., Datt B., Heena and Meena R. K. (2020). Toona ciliata M. Roem.: Effect of heat treatment on shrinkage and swelling. Jou. of Pharmacognosy and Phytochemistry. 9(5): 1922 - 1925. http://www.phytojournal.com	5.21
75.	Sharma, Amardeep, Mishra R. R., Saw Bipin and Ahmad Nasim (2020). Economic Analysis of Makhana Cultivation in Darbhanga and Madhubani Districts of Bihar, India. Int.J.Curr.Microbiol.App.Sci 9(4): 1097-1102 1097.	5.38
76.	Shiva Pujan Singh,Md.Minnatuallh, Meera,Kumariand BipinSaw (2020). Economics, input use efficiency, yield gap and constraints analysis of sugarcane farming in West-Champarn, District of Bihar-Micro perspectives. Int.J.Curr.Microbiol.App.Sci. (10)1-10.	5.38

77.	Singh K.M., Singh Pushpa, Nidhi and Ahmed N (2020). An overview of Livestock and Dairy Sector: Strategies for Its Growth in Eastern Indian State of Bihar, Int. J. of Livestock Research, 10(9):13-24.	5.36
78.	Singh KM, Ahmad N, Sinha, DK, Kumar Abhay and Singh RKP (2020). Cost Efficiency of Principal Crops in Bihar (India) –A Stochastic Frontier Approach. Indian Journal of Agricultural Sciences, 90 (8): 1445-52.	6.25
79.	Singh KM, Singh Pushpa, Sinha Nidhi and Ahmad Nasim (2020). An Overview of Livestock and Dairy Sector: Strategies for Its Growth in Eastern Indian State of Bihar. Int. J. of Livestock Res. 10(9), 13-24. Available from: https://dx.doi.org/10.5455/ijlr.20200430054021	5.36
80.	Singh R., Kamat D.N, Kumar B., Kumari P, and Gobindbhai Z.K (2020) Genetic variability analysis of early maturing sugarcane (<i>Saccharum officinarum</i> L) clones Curr. J. of App. Sci. and Tech., 39(26): 105-112	5.32
81.	Singh S P, Dutta S., Jha S., Prasad S.S., Chaudhary S.K., Sahi V. and Majumdar K. 2020. Nutrient Management in calcareous soil improves rice–maize sustainable yield index, performance indicators. J. of Plant Nutrition. (Accepted).	6.75
82.	Singh S. L. and. Sahoo U. K (2021). Tree species composition, diversity and soil organic carbon stock in homegardens and shifting cultivation fallows of Mizoram, Northeast India. Vegetos. https://doi.org/10.1007/Ss42535-021-00194-1 IF- 0.042 (Thomson-Reuter)	
83.	Singh, B., Das, A., Parihar, A., Bhagwati, B., Singh, D., Pathak, K. N., Dwivedi, K., Das, N., Keshari, Nishi, Midha, R., Kumar, R., Pratap, A., Kumar, V. and Gupta, S. (2020) Delineation of Genotype-by-Environment interactions for identification and validation of resistant genotypes in mungbean to root-knot nematode (<i>Meloidogyne incognita</i>) using GGE biplot. Scientific Reports By Springer Nature. 10.01	
84.	Singla A, Barmota H, Sahoo S K and Kang B K (2020): Influence of neonicotinoids on pollinators: A review, J. of Apicul. Res., DOI: 10.1080/00218839.2020.1825044	7.75
85.	Srishti Kushwaha, D.K. Sinha, Ashok Yadav and Nasim Ahmad. (2020). Changes in Land Use Pattern in Uttar Pradesh: A Zone-wise Analysis. Int.J.Curr.Microbiol.App.Sci. 9(01): 1689-1699. doi: https://doi.org/10.20546/ijemas.2020.901.186	5.38
86.	Sudip Sarkar and D. K. Das (2020). Tree biomass and carbon stock assessment in different agroforestry system trees. Int. J. of Chemi. Stud. 8(4): 3858 - 3861. http://www.chemijournal.com	5.31
87.	Sudip Sarkar, D. K. Das and Abhinandan Singh. (2020). Soil micronutrients status of different agroforestry systems in North Bihar. Jou. of Pharmacognosy and Phytochemistry. 9(5): 355 - 358. http://www.phytojournal.com	5.21
88.	Suman S. K., Kumar M., Sharma V. K. and Kumar Rajesh (2020) A modified and efficient CTAB genomic DNA extraction method from maize leaf for PCR analysis. J. Pharmacogn. Phytochem., 9(4): 3418-3420.	5.21

89.	Suman Shiva N., Ahmed Nayan, Kumar Vipin, Datta Samar C., Manjaiah, K. M., Kumar Rajesh, Kumari Vandana, Laik Ranjan and Das, T. K. 2020. FTIR Spectroscopy and Optical Density Characterization of Humic Substances Extracted from Reclaimed Alkali Soils under Different Tillage and Management Practices. Current Journal of Applied Science and Technology. 39(37):12-22.	5.32
90.	Swati Rani, Deepti, Kumari Anjani and V. K. Sharma (2021). Effect of explant and phytohormone on in vitro regeneration of Solanum indicum, an important medicinal weed. J. Pharmacogn. Phytochem, 10(1): 1070-1075.	5.21
91.	Verma Suneel Kumar, Chaurasia Surendra Kumar, Yaswant, Kumar Rajeev. (2020) Study on the genetic variability and pathogenicity assessment among isolates of spot blotch causing fungi (Bipolaris sorokiniana) in wheat (Triticum aestivum L.). Plant Physiol. Rep. https://doi.org/10.1007/s40502-020-00510-y 5.18	5.18
92.	Yadav M K., Rai A.K , Kumar M, Kumar A and Yadav S (2020). Standardization of maize genotype for the rearing of maize spotted stem borer, Chilo partellus on natural host, Journal of Entomology and Zoology Studies, 5(4): 24-27	5.53
93.	Yadav M K; Rai, A K, Singh M K, Kumar Nagendra; Jha Shankar and Kumar Abhay. 2020. Quantification of plant biochemicals from certain genotypes of maize and their effect on different degree of infestation of maize spotted stem borer, Chilopartellus (Swinhoe); J. of Ento. and Zool. Stud. 8(1): 600-605.	5.53
94.	Yimjenjang I Longkumer and Misra A K (2020). Efficacy of essential oils against rice insect pest in Pusa Bihar, J. of Ento. and Zool. Stud. 8 (3): 1980-1983.	5.53
95.	Yimjenjang I ,Long kumer and Misra A K (2020). Population dynamics of rice stem borers and rice leaf folder, Indi. Jour. of Ento., Review Article IJE Vol. 82, 2020 Online Published	5.89



List of Research Publications of Department of Entomology, RPCAU, Pusa during 2020-21

Sl. No.	Name of Authors and Journal with Title of Published Paper	NAAS rating
1.	Singla A, Barmota H, Sahoo S K and Kang B K (2020): Influence of neonicotinoids on pollinators: A review, Journal of Apicultural Research, DOI: 10.1080/00218839.2020.1825044	7.75
2.	Sahoo S K, Sharma N, Mandal K and Kumar R (2020) Dissipation kinetics of metribuzin in sugarcane and soil under sub-tropical conditions of Punjab in India. Sugar Tech (Accepted)	7.02
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Research paper

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Sl. No.	Topic	Author's Name
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