

S. No.	Papers
1.	Anuradha K, Agarwal S, Batchu AK, Babu AP, Swamy BPM, Longvah T, Sarla N (2012) Evaluating rice germplasm for iron and zinc concentration in brown rice and seed dimensions. Journal of Phytology Vol 4:19-25.
2.	Anuradha K, Agarwal S, Rao YV, Sarla N(2013) Quantitative trait loci and candidate genes for yield and related traits in Madhukar x Swarna RIL population of rice. J Crop Science and Biotechnology. Vol 16: 85- 95.
3.	Anuradha K, Agarwal S, Rao YV, Rao KV, Viraktamath BC, Sarla N (2012) Mapping QTLs and candidate genes for iron and zinc concentrations in unpolished rice of Madhukar x Swarna RILs. Gene, Vol 58: 233-240. 7.7
4.	Babu VR, Bhushan VS, Padmavathi Ch, Mohan M, Balachandran SM, Ramesh B (2013) Carboxylesterase and Glutathione-S-Transferase (GST's) Induced Resistance to Bacillus thuringiensis Toxin Cry1Ab in Rice Leaf Folder, <i>Cnaphalocrocis medinalis</i> (Guenee) populations. Journal of Agricultural Science and Technology Vol 3: 53-59.6.9
5.	Bimolata W, Kumar A, Sundaram RM, Laha GS, Qureshi IA, Reddy GA, Ghazi IA (2013) Analysis of nucleotide diversity among alleles of the major bacterial blight resistance gene <i>Xa27</i> in cultivars of rice (<i>Oryza sativa</i>) and its wild relatives. Planta (published online).7.8
6.	Borney SI, Lenka NK, Brajendra, Patiram (2012) Effect of Land Use on Forms of Sulphur in Soils of Meghalaya. Journal of the Indian Society of Soil Science, Vol 60: 304-308.
7.	Brajendra, Patiram, Singh LS (2012) Soil test based fertilizer recommendation and verification for maize grown in mid hills of Meghalaya. Asian Journal of Soil Science. Vol 7: 124-126.
8.	Brajendra, Shukla LM, Kherawat BS, Lal M (2012) Mineralization of native soil sulphur under different temperature and moisture regimes. International Journal of Agricultural Research. Vol 8: 530-534.
9.	Brajendra, Shukla LM, Kherawat BS, Lal M (2012) Critical Limit of Sulphur for Mustard in alfisols and ultisols of Jharkhand. Asian Journal of Soil Science. Vol 7 : 211-213.
10.	Brajendra, Shukla LM, Kherawat BS, Lal M (2012) Critical Limit of Sulphur for Safflower in alfisols and ultisols of Jharkhand. Asian Journal of Soil Science. Vol 7: 223-225.
11.	Brajendra, Vishwakarma AK, Pathak KA, Kherawat BS, Lal M (2012) Rainfall distribution pattern in Kolasib district of Mizoram. International Journal of Agricultural Research. Vol 8: 509-513.
12.	Gopalkrishnan S, Kumar RM, Humayun P, Srinivas V, Ratnakumari B, Vijayabharathi R, Singh A, Surekha K, Ch.Padmavathi, SomaShekar N, Rao PR, Latha PC, Rao LVS, Babu VR, Viraktamath BC, Goud VV, Gujja NLB, Rupela O (2013) Assessment of different methods of rice (<i>Oryza sativa</i> . L). cultivation affecting growth parameters, soil chemical, biological and microbiological properties, water saving and grain yield in rice-rice system. Paddy Water Environment: (published online) 7.4
13.	Hari Y, Srinivasarao K, Viraktamath BC, HariPrasad AS, Laha GS, Ahmed MI, Natarajkumar P, Sujatha K, Prasad MS, Pandey M, Ramesha MS, Neeraja CN, Balachandran SM, Rani NS, Kemparaju KB, Mohan KM, Sama VSAK, Hajira SK, Balachiranjeevi CH, Pranathi

	K, Reddy GA, Madhav MS, Sundaram RM (2013) Marker-assisted introgression of bacterial blight and blast resistance into IR 58025B, an elite maintainer line of rice, Plant Breeding (published online) 7.6
14.	Kumar A, Guha A, Bimolata W, Reddy AR, Laha GS, Sundaram RM, Pandey, MK, Ghazi IA (2013) Leaf gas exchange physiology in rice genotypes infected with bacterial blight: An attempt to link photosynthesis with disease severity and rice yield. Australian Journal of Crop Sciences. Vol 7:32-39.7.6
15.	Kumar CVM, Gouda PK, Saikumar S, Shenoy V, Shashidhar HE, Sarla N (2012) Transgressive segregation for yield and related traits in advanced backcross population from the cross <i>Oryza sativa</i> IR58025B X <i>Oryza meridionalis</i> Ng. evaluated under irrigated and aerobic conditions. J Crop Science and Biotechnology, Vol 15: 231 – 238. 7.7
16.	Kumar PN, Sujatha K, Laha GS, Rao KS, Mishra B, Viraktamath BC, Hari Y, Reddy CS, Balachandran SM, Ram T, Madhav MS, Rani NS, Neeraja CN, Reddy GA, Hajira S, Sundaram RM (2012) Identification and finemapping of <i>Xa33</i> , a novel gene for resistance to <i>Xanthomonas oryzae</i> pv <i>oryzae</i> . <i>Phytopathology</i> . Vol 102: 222-228.7.8
17.	Ladhalakshmi D, Laha GS, Singh R, Karthikeyan A, Mangrauthia SK, Sundaram RM, Thukkaiyannan R, Viraktamath BC (2012) Isolation and characterization of <i>Ustilaginoidea virens</i> and survey of false smut disease of rice in India. <i>Phytoparasitica</i> Vol 40:171–176.7.3
18.	Lal M, Nataraj KC, Kherawat BS, Brajendra, Arvind Kumar (2012) Effect of nitrogen and managenese on yield and uptake of nutrients by oats. Asian Journal of Soil Science. Vol 7 : 127-130
19.	Lalasa LM, Radhika K, Neeraja CN, Babu VR (2012) Molecular Mapping of the Chromosomal Regions Associated with Zinc Content in Grains of Rice (<i>Oryza sativa</i> L.) using Microsatellite Markers. Journal of Microbiology and Biotechnology Vol 2: 900-905.7.5
20.	Malathi P, Brahma U, Singh J, Krishnaveni D, Balachandran SM, Neeraja CN, Laha GS, Viraktamath BC, Mangrauthia SK (2012) PCR Based Diagnosis of Rice Tungro Bacilliform and Spherical Virus from Infected Plants and Insect Vectors. Indian Journal of Plant Protection. Vol 39: 294-298.4.3
21.	Malathi P, Mangrauthia SK (2013) Deciphering the multiplication behavior of Rice tungro bacilliform virus by absolute quantification through real-time PCR. <i>Archives of Phytopathology and Plant Protection</i> , (published online).
22.	Mangrauthia SK, Malathi P, Agarwal S, Kumar GR, Krishnaveni D, Neeraja CN, Madhav MS, Ladhalakshmi D, Balachandran SM, Viraktamath BC (2012) Genetic variation of coat protein gene among the isolates of <i>Rice tungro spherical virus</i> from tungro-endemic states of the India. <i>Virus Genes</i> Vol 44:482- 487.7.6
23.	Mangrauthia SK, Malathi P, Agarwal S, Sailaja B, Singh J, Kumar GR, Krishnaveni D, Balachandran SM (2012b) The Molecular Diversity and Evolution of Rice tungro bacilliform virus from Indian perspective. <i>Virus Genes</i> , Vol 45:126–138.7.6
24.	Nagesh P, Usharani G, Neeraja CN, Babu VR, Reddy TD (2013) Molecular mapping of high iron and zinc rich regions in rice (<i>Oryza sativa</i> L.) grain using microsatellite markers. <i>Helix</i> Vol 1: 231-237
25.	Nirmala B, Sailaja B, Meera SN, Muthuraman P, Mangal Sain (2012) Rice yield gaps in India: Causes and strategies to narrow the gaps. <i>Journal of Agrotechnology</i> Vol I: 1- 56.

26.	Nirmala B, Vasudev N, Suhasini K (2012) A Comparison Of Economic Potential Of HYV Vs. Hybrid Rice Cultivation In Ambedkar Nagar District of Uttar Pradesh World Research Journal of Agronomy Vol 1: 07-10.
27.	Nirmala B, Vasudev N, Suhasini K, Meera SN, Viraktamath BC (2012) Contract Farming: A case of hybrid rice seed production in Andhra Pradesh, Agricultural Economics Research Review, Vol: 25, 539. 4.7
28.	Padmavathi Ch, Katti G, Padmakumari AP, Voleti SR, Rao LVS (2013) Effect of leaffolder, <i>Cnaphalocrocis medinalis</i> (Guenee) injury on leaf physiology and yield loss in rice. Journal of Applied Entomology, Vol 137 : 249 –256. 7.5
29.	29 Pandey MK, Rani NS, Madhav MS, Sundaram RM, Varaprasad GS, Sivaranjini AKP, Bohra A, Kumar GR (2012) Different isoforms of starch-synthesizing enzymes controlling amylose and amylopectin content in rice (<i>Oryza sativa</i> L.). Biotechnology Advances. Vol 30 : 1697–1706.9.1
30.	Pandey MK, Shobha Rani N, Sundaram RM, Laha GS, Madhav MS, Srinivasa Rao K, Sudharshan I, Hari Y, Varaprasad GS, Rao LVS, Suneetha K,. Sivaranjani AKP, Viraktamath BC (2012) Improvement of two traditional Basmati rice varieties for bacterial blight resistance and plant stature through morphological and markerassisted selection. Molecular Breeding, Vol 31: 239-246.7.8
31.	Pogorelko GP, Lionetti V, Fursova O, Sundaram RM, Qi M, Whitham SA, Bogdanove AJ, Daniela D, Zabolina OA (2013) <i>Arabidopsis</i> and <i>Brachypodium</i> transgenic plants expressing <i>A. nidulans</i> acetyltransferases have decreased degree of polysaccharide acetylation and increased resistance to pathogens. Plant Physiology, Vol 162: 9–23.8.6
32.	Prasanth VV, Chakravarthi DVN, Kiran TV, Rao YV, Panigrahy M, Mangrauthia SK, Viraktamath BC, Subrahmanyam D, Voleti SR, Sarla N (2012) Evaluation of rice germplasm and introgression lines for heat tolerance. Annals of Biological Research, Vol 3 :5060-5068
33.	Raman A, Verulkar SB, Mandal NP, Variar M, Shukla VD, Dwivedi JL, Singh BN, Singh ON, Swain P, Mall AK, Robin S, Babu RC, Jain A, Ram T, Hittalmani S, Haefele S, Piepho HP, Kumar A (2012) Drought yield index to select high yielding rice lines under different drought stress severities. Rice, 5:31.7.9
34.	Rao DN, Ramesha MS, Rao PR, SR Voleti (2012) Combining ability analysis to identify suitable parents and Hybrids for cultivation in Rice under alternate wetting and drying conditions. The Andhra Agric, Vol 59 : 625-629. 3.3
35.	Rao DN, Voleti SR, Subrahmanyam D, Rao PR, Ramesha MS (2012) Heterosis for antioxidant enzymes in rice hybrid under abiotic stress conditions. Indian Journal of Plant Physiology Vol 17: 175-178. 5.5
36.	Rao PR, Sailaja B, Subrahmanyam D, Rao DN, Voleti SR, Reddy PS, Rao GV (2012) Variable radiation use efficiency in rice cultures grown at different locations. Indian Journal of Plant Physiology Vol 17: 57-60. 5.5
37.	Rao PR, Subrahmanyam D, Sailaja B, Singh RP, Ravichandran V, Rao S, Swain GVP, Sharma SG, Saha S, Nadaradjan S, Reddy PJR, Shukla A, Dey PC, Patel DP, Ravichandran S, Voleti SR (2013) Influence of Boron on Spikelet Fertility under Varied Soil Conditions in Rice Genotypes. Journal of Plant Nutrition Vol 36: 390-400.2
38.	Rao PS, Bharathi M, Reddy KB, Keshavalu K, Rao LVS, Neeraja CN (2012) Varietal

	identification in rice (<i>Oryza sativa</i> L.) through chemical tests and gel electrophoresis of soluble seed proteins. Indian Journal of Agricultural Sciences. Vol 82: 304-311.6.6
39.	Ratna KM, Prasad MS, Madhav MS, Laha GS, Madhan MK, Sundaram RM, Jahnvi B, Vijitha S, Rao PR, Viraktamath BC (2012) Introgression of Blast Resistance Gene Pi-kh into Elite indica Rice Variety Improved Samba Mahsuri. Indian Journal of Plant Protection Vol 40: 52-56.4.3
40.	Rawat N, Neeraja CN, Sundaram RM, Nair S, Bentur JS (2012) A novel mechanism of gall midge resistance in the rice variety Kavva revealed by microarray analysis. Functional and Integrative Genomics Vol 12: 249-264. 7.8
41.	Rawat N, Himabindu K, Neeraja CN, Nair S, Bentur JS (2013). Suppressive subtraction hybridization reveals that rice gall midge attack elicits plant-pathogen like responses in rice. Plant Physiology and Biochemistry 63:122-130 7.7
42.	42 Rawat N, Neeraja CN, Nair S and Bentur JS. 2012. Differential gene expression in gall midge susceptible rice genotypes revealed by suppressive subtraction hybridization (SSH) cDNA libraries and microarray analysis. Rice 5:8 (on line)7.6
43.	Revathi P, Medoju P, Singh AK, Sundaram RM, Raju S, Senguttuvel P, Kemparaju KB, Prasad ASH, Ramesha MS, Neeraja CN, Rani NS, Viraktamath BC (2013) Efficiency of molecular markers in identifying fertility restoration trait of WA-CMS system in rice. Indian J. Genet., Vol 73: 89-93.6.6
44.	Roja V, Sarla N, Manorama K, Radhika K (2012) Mapping of QTLs for grain Iron and Zinc in Samba Mahsuri and wild rice (<i>Oryza rufipogon</i>) using RM and gene specific markers. Journal of Research ANGRangaAgricUniversity, Vol 39 : 37-40.
45.	Sailaja B, Voleti SR, Subrahmanyam D, Rao NH, Nathawat MS (2013) Validation of Oryza2000 model under combined nitrogen and water limited situations. Indian Journal of Plant Physiology . (Published online) 5.5
46.	Sailaja B, Anjum N, Patil YK, Agarwal S, Malathi P, Krishnaveni D, Balachandran SM, Viraktamath BC, Mangrauthia SK (2013) The complete genome sequence of a South Indian isolate of Rice tungro spherical virus reveals evidence of genetic recombination between distinct isolates. Virus Genes.7.6
47.	Sama VSAK, Himabindu K, Naik SB, Sundaram RM, Viraktamath BC, Bentur JS (2012) Mapping and markerassisted breeding of a gene allelic to the major Asian rice gall midge resistance gene <i>Gm8</i> . Euphytica Vol 187:393-400.7.6
48.	Sarla N, Swamy BPM, Kaladhar K, Anuradha K, Rao YV, Batchu AK, Agarwal S, Babu AP, Sudhakar T, Sreenu K, Longvah T, Surekha K, Rao KV, Reddy GA, Roja TV, Kiranmayi SL, Radhika K, Manorama K, Cheralu C, Viraktamath BC (2012) Increasing iron and zinc in rice grains using deep water rices and wild species identifying genomic segments and candidate genes. Quality Assurance and Safety of Crops & Foods, Vol 4: 138.
49.	Senguttuvel P, Vijayalakshmi C, Thiyagarajan K, Bapu JRK, Sritharan R, Viraktamath BC (2012) Differential response of rice seedlings to salt stress in relation to antioxidant enzymes activity and membrane stability index. Archives of Agronomy and Soil Science (Published online)
50.	Sinha DK, Nagaraju J, Tomar A, Bentur JS, Nair S (2012). Pyrosequencing-based transcriptome analysis of the Asian rice gallmidge reveals differential response during compatible and incompatible interaction. International Journal of Molecular Sciences

	13:13079-13103.7.2
51.	Sinha DK, Atray I, Bentur JS and Nair S. 2012. Expression of nucleoside diphosphate kinase (OoNDPK) is enhanced in rice gall midge feeding on susceptible rice hosts and its over-expression leads to salt tolerance in <i>E. coli</i> . <i>Insect Molecular Biology</i> 21 (6), 593-6037.8
52.	Singh H, Gangaiah B (2012) Seed production of <i>dhaincha</i> (<i>Sesbania aculeata</i>) as influenced by nitrogen and phosphorus fertilization. <i>Indian Journal of Agronomy</i> , Vol 57: 397-402. 5.0
53.	Srinivasarao Ch., Venkateswarlu B, Lal R, Singh AK, Kundu S, Vittal, KPR., Balaguravaiah G, Babu MVS, Chary GR, Babu MBBP, Reddy TY (2012) Soil carbon sequestration and agronomic productivity of an Alfisol for a groundnut-based system in a semiarid environment in Southern India. <i>European Journal of Agronomy</i> , Vol 43:40-48.7.7
54.	Sripathy KV, Ganesh M, Keshavulu K, Sundaram RM, Sama VSAK (2012) Assessment of Genetic Purity Using Informative EST- SSR Markers in Rice (<i>Oryza Sativa</i> L.) Hybrids. <i>Bioinfolet</i> Vol 9: 128-133. 4.2
55.	Sudhakar T, Batchu AK, Sarla N, Ramanan R (2012) <i>Os11Gsk</i> gene from a wild rice, <i>Oryza rufipogon</i> improves yield in rice. <i>Functional and Integrative Genomics</i> Vol 12 : 277-289 7.8
56.	Sudhakar T, Panigrahy M, Lakshmanaik M, Babu AP, Reddy CS, Anuradha K, Swamy BPM, Sarla N (2012) Variation and correlation of phenotypic traits contributing to high yield in KMR3- <i>Oryza rufipogon</i> introgression lines. <i>International Journal of Plant Breeding and Genetics</i> Vol 6 : 69-82.
57.	Sujatha KB, Babu SM, Ranganathan S, Rao DN, Ravichandran S, Voleti SR (2013) Silicon Accumulation and its Influence on some of the Leaf Characteristics, Membrane Stability and Yield in Rice Hybrids and Varieties Grown under Aerobic Conditions. <i>Journal of Plant Nutrition</i> Vol 36: 963-975.7.2
58.	Surekha K, Rao KV, Shobha Rani N, Latha PC, Kumar RM (2013) Evaluation of Organic and Conventional Rice Production Systems for their Productivity, Profitability, Grain Quality and Soil Health. <i>Agro technology</i> (Published online).
59.	Suresh PB, Srikanth B, Kishore VH, Rao IS, Vemireddy LR, Dharika N, Sundaram RM, Ramesha MS, Sambasivarao KRS, Viraktamath BC, Neeraja CN (2012) Fine mapping of <i>Rf3</i> and <i>Rf4</i> fertility restorer loci of WA-CMS of rice (<i>Oryza sativa</i> L.) and validation of the developed marker system for identification of restorer lines. <i>Euphytica</i> Vol 187:421-435.7.6
60.	Swamy BPM, Ahmed HU, Henry A, Dixit S, Vikram P, Ram T, Verulkar SV., Perraju P, Mandal NP, Variar M, Robin S, Chandrababu C, Singh ON, Dwivedi JL, Das SP, Mishra KK, Yadaw RB, Aditya TL, Karmakar B, Mauleon R, Moumeni KSA, Kikuchi S, Leung H, Kumar A (2013) Genetic, physiological, and gene expression analyses reveal that multiple QTLs enhance yield of rice mega-variety IR64 under drought. <i>PLoS ONE</i> , Vol 8 : 1-11.10.0
61.	Upadhyay P, Neeraja CN, Kole C, Singh VK (2012) Population structure and genetic diversity in popular rice varieties of India as evidenced from SSR analysis. <i>Biochemical Genetics</i> Vol 50: 770-783. 7.6
62.	Vishwakarma AK, Brajendra, Pathak KA, Kherawat BS (2012) Effect of varying doses of lime on yield and attributes of Maize in Mizoram. <i>Asian Journal of Soil Science</i> . Vol 7 : 271-273.

63.	Vishwakarma AK, Brajendra, Pathak KA, Ramakrishna YS (2012) Effect of different sources of nutrient application on productivity, nutrient uptake and economics of groundnut in Kolasib district of Mizoram. Indian Journal of Soil Conservation. Vol 7 : 152-157.4.6
64.	Waris A, Sain M, Meera SN, Kumar RM, Kumar SA, Muthuraman P (2012) Farm Women's empowerment for sustainable rural and community development. Journal of Agro technology, Vol I : 86.
65.	Yasala AK, Rawat N, Sama VSAK, Himabindu K, Sundaram RM, Bentur JS (2012) In silico analysis for gene content in rice genomic regions mapped for the gall midge resistance genes. Plant Omics Journal Vol 5: 405-413. 7.6