

## **Publications in peer reviewed journals:**

### **International**

Addanki KR, Divya B, Rao YV, Malathi S, Sukumar M, Kavitha B, Sarla N. 2018. Swarna × *Oryza nivara* introgression lines: a resource for seedling vigour traits in rice. *Plant Genetic Resources*, 17 (1), 12-23.

Anila, M, Mahadeva Swamy HK, Kale RR, Bhadana VP, Anantha MS, Brajendra, Hajira S.K. Balachiranjeevi CH, Ayyappa Das, Bhaskar S, Dilip T, Pranathi K, Kousik MBVN, Harika G, Swapnil RK, Chaitra K, Laxmi Prasanna B, Punniakoti E, Pragya Singh, Rekha G, Abhilash Kumar V, Balachandran SM, Madhav MS, Giri A, Viraktamath BC and Sundaram RM. 2018. Breeding lines of the Indian mega-rice variety, MTU 1010 possessing protein kinase OsPSTOL (Pup1), show better root system architecture and higher yield in soils with low phosphorus. *Molecular Breeding* 38:147. Arra Yugander, Raman Meenakshi Sundaram, Kuldeep Singh, Ponnuel Senguttuvvel, Duraisamy Ladhalakshmi, Kaliyur B. Kempuraju, Maganti Sheshu Madhav, Madamsetty Srinivas Prasad, Arremsetty S. Hariprasad and Gouri Sankar Laha. 2018. Improved versions of rice maintainer line, APMS 6B, possessing two resistance genes, Xa21 and Xa38, exhibit high level of resistance to bacterial blight disease. *Mol Breeding*, 38: 100.

Balachiranjeevi C. H, BhaskarNaik S, Abhilash Kumar V, Harika G, MahadevSwamy H. K, Hajira SK, Dilip Kumar T, Anila M, Kale R. R, Yugender A, Pranathi K, Koushik M.B.V.N, Suneetha K, Bhadana V.P, Hariprasad A. S, Laha G. S, Rekha G, Balachandran S. M, Madhav M. S, Senguttuvvel P, Fiyaz A. R, Viraktamath B. C, Giri A, Swamy B.P.M, JauharAli, Sundaram R. M. 2018. Marker-assisted pyramiding of two major, broad-spectrum bacterial blight resistance genes, Xa21 and Xa33 into an elite maintainer line of rice, DRR17B, *PLoS ONE*, 13 (10): e0201271. Balakrishnan D, K Kulkarni, PC Latha, D Subrahmanyam. 2018. Crop improvement strategies for mitigation of methane emissions from rice. *Emirates Journal of Food and Agriculture*, 30 (6):451-462.

Bhaskar Rao T, Ramakrishna C, Ramesh M, Punniakotti E, Venkatesh V, Sailaja B, Reddy M.R, Yugander A, Laha G.S, Madhav M.S, Sundaram R.M, Ladhalakshmi D, Balachandran S.M. and Mangrauthia S.K. 2019. Pectin induced transcriptome of a Rhizoctonia solani strain causing sheath blight disease in rice reveals insights on key genes and RNAi machinery for development of pathogen derived resistance. *Plant Molecular Biology*. <https://doi.org/10.1007/s11103-019-00843-9>.

Biswal AK, Mangrauthia SK, Reddy MR, Yugandhar P. 2019. CRISPR mediated genome engineering to develop climate smart rice: Challenges and opportunities. *Semin Cell Dev Biol*. S1084-9521(18) 30114-9.

Carpenter, S. C. D., Mishra, P., Ghosal, C., Dash, P. K., Wang, L., Mirdha, S., Laha, G. S., Lore, J. S., Kositratana, W., Singh, N. K., Singh, K., Patil, P., Oliva, R., Sujin, P., Bogdanove, A. J. and Rai, R. 2018. A Strain of an Emerging Indian *Xanthomonas oryzae* pv. *oryzae* Pathotype Defeats the Rice Bacterial Blight Resistance Gene xa13 Without Inducing a Clade III SWEET Gene and Is Nearly Identical to a Recent Thai Isolate. *Frontiers in Microbiology*. doi: 10.3389/fmicb.2018.02703.

- Chitra Shanker, Ch Lydia, M Sampathkumar, V Sunil, S Amudhan and G Katti. 2018. Non Crop Plants as Reservoir of Alternate Prey for Coccinellids of Rice" *European Journal of Entomology*, 115 (1), 364-371.
- Divya B, M Surapaneni, S Mesapogu, S Neelamraju. 2019. Development and use of chromosome segment substitution lines as a genetic resource for crop improvement. *Theoretical and Applied Genetics*, 132: 1-25.
- Divya D, K. Ratna Madhavi, M. Ayyappa Dass, M. Venkata Roshan, G. Mallikarjuna, R. M. Sundaram, G. S. Laha, A. P. Padmakumari, H. K. Patel, M. Srinivas Prasad, R. V. Sonti, J. S. Bentur. 2018. Molecular cross talk between key genes associated with defense against bacterial blight, blast and gall midge in rice, *Rice*, 11:40. <https://doi.org/10.1186/s12284-018-0231-4>.
- Divya D, Ratna Madhavi K, Ayyappa Dass M, Venkata Maku R, Mallikarjuna G, Sundaram R. M, Laha G.S, Padmakumari A.P, Patel H.K, Srinivas Prasad M, Sonti R.V. and Bentur J.S. 2018. Expression Profile of Defense Genes in Rice Lines Pyramided with Resistance Genes Against Bacterial Blight, Fungal Blast and Insect Gall Midge. *Rice*, 11:40 <https://doi.org/10.1186/s12284-018-0231-4>.
- Haritha G, Swamy BPM, Naik ML, Jyothi B, Divya B, Malathi S and Sarla N. 2018. Yield traits and associated marker segregation in elite introgression lines derived from *O. sativa* × *O. nivara*. *Rice Science*, 25(1): 19–31
- Haritha G, Vishnukiran T, Rao VY, Gowthami C, Divya B, Sarla N, Subrahmanyam D. 2019. Characterization of *Oryza nivara* introgression lines: A potential prebreeding resource to improve net photosynthetic rate in elite cultivars of rice. *Photosynthetica*, 57 (1), 47-60
- Kappara S, Neelamraju S, Ramanan R. 2018. Down regulation of a heavy metal transporter gene influences several domestication traits and grain Fe-Zn content in rice. *Plant Science*, 276: 208-219.
- Kaushal L, Ulaganathan K, Shenoy V and S. M. Balachandran. 2018. Geno-and phenotyping of submergence tolerance and elongated uppermost internode traits in doubled haploids of rice. *Euphytica* 214: 233. <https://doi.org/10.1007/s10681-018-2305-1>.
- Kavitha B, Divya B, Malathi S, Krishnam Raju A, Venkateswara Rao Y, Sarla N. 2019. Evaluation of yield and seedling vigour related traits of Swarna/*Oryza nivara* backcross introgression lines under three environment conditions. *Ecological Genetics and Genomics*, 11. 100036. doi.org/10.1016/j.egg.2019.100036.
- Mahadevaswamy HK, Anila M, Kale RR, Bhadana VP, Anantha MS, Brajendra, Hajira SK, Balachiranjeevi Ch, Laxmi Prasann B, Pranathi K, Dilip T, Bhaskar V, Abhilash Kumar V, Kousik MBVN, Harika G, Kulkarni SR, Rekha G, Cheralu C, Gouri Shankar V, Reddy SN, Sudhir Kumar, Balachandran SM, Madhav MS, Mahendra Kumar R and Sundaram RM. 2019. Phenotypic and molecular characterization of rice germplasm lines and identification of novel source for low soil phosphorus tolerance in rice. *Euphytica*, 215:118. <https://doi.org/10.1007/s10681-019-2443-0>
- Malathi P, Muzammil SA, Krishnaveni D, Balachandran SM, Mangrauthia SK. 2019. Coat protein 3 of Rice tungro spherical virus is the key target gene for development of RNAi mediated tungro disease resistance in rice. *Agri Gene*, 12: 100084.

- Mangrauthia SK, Sailaja B, Pusuluri M, Jena B, Prasanth VV, Agarwal S, Senguttuvvel P, Sarla N, Babu VR, Subrahmanyam D, and Voleti SR. 2018. Deep sequencing of small RNAs reveals ribosomal origin of microRNAs in *Oryza sativa* and their regulatory role in high temperature. *Gene Reports*, 11: 270-278.
- Naik SB, Divya D, Sahu N, Sundaram RM, Sarao PS, Singh K, Jhansi Lakshmi V and Bentur JS (2018). A new gene Bph33(t) conferring resistance to brown planthopper (BPH), *Nilaparvata lugens* (Stål) in rice line RP2068-18-3-5. *Euphytica* 214: 53.
- Narendra Sharma, Vimlendu Bhushan Sinha, Neha Gupta, Soumya Rajpal, Surekha Kuchi, Vetury Sitaramam, Rajender Parsad and Nandula Raghuram. 2018. Phenotyping for Nitrogen Use Efficiency: Rice Genotypes Differ in N-Responsive Germination, Oxygen Consumption, Seed Urease Activities, Root Growth, Crop Duration, and Yield at Low N. *Frontiers in Plant Science*. 9: 1-16.
- Neeraja C. N., Kulkarni K.S. , Madhu Babu P, Sanjeeva Rao D, Surekha K, Ravindra Babu V. 2018 . Transporter genes identified in landraces associated with high zinc in polished rice through panicle transcriptome for biofortification. *PLoS ONE* 13(2): 1-24.
- Neeraja CN, Kulkarni KS, Madhu Babu P, Sanjeeva Rao D, Surekha K, Ravindra Babu V. 2018. Transporter genes identified in landraces associated with high zinc in polished rice through panicle transcriptome for biofortification. *PLoS ONE* 13(2): e0192362.
- Padmavathi C, Divya B, Tripura VVGN, Sumalatha J, Sampath KM, Subba Rao LV, Sarla N, Katti G. 2019. Phenotyping and Genotype x Environment interaction of resistance to leaf folder, *Cnaphalocrocis medinalis* Guenée (Lepidoptera: Pyralidae) in rice. *Frontiers in Plant Science*, 10, 49,1-14.
- Phule AS, Barbadikar KM, Madhav MS, Senguttuvvel P, Prasad Babu MBB and Ananda Kumar P. 2019. Studies on root anatomy, morphology and physiology of rice grown under aerobic and anaerobic conditions. *Physiology and Molecular Biology of Plants*, 25: 197.
- Phule AS, Barbadikar KM, Madhav MS, Senguttuvvel P, Prasad Babu MBB and Ananda Kumar P. 2019. RNA-seq reveals the involvement of key genes for aerobic adaptation in rice. *Scientific Reports*, 9: 5235.
- Phule AS, Barbadikar KM, Madhav MS, Senguttuvvel P, Prasad Babu MBB and Ananda Kumar P. 2018. Genes encoding membrane proteins showed stable expression in rice under aerobic condition: novel set of reference genes for expression studies. *3 Biotech*, 8 (9):383.
- Poli Y, Balakrishnan D, Subrahmanyam D, Panigrahy M, Voleti SR, Mangrauthia SK, and Neelamraju S. 2018. Genotype × Environment interactions of Nagina 22 rice mutants for yield traits under low phosphorus, water limited and normal irrigated conditions. *Scientific Reports*, 8: 15530
- Poli Y, Nallamothu V, Balakrishnan D, Ramesh P, Desiraju S, Mangrauthia SK, Voleti SR, Neelamraju S. 2018. Increased catalase activity and maintenance of Photosystem II distinguishes high-yield mutants from low-yield mutants of rice var. Nagina22 under low-phosphorus stress. *Frontiers in Plant Science*, 9: 1543.

Pranathi K, M. B. Kalyani, B.C. Viraktamath, S.M. Balachandran, S. K. Hajira, P. Koteswar Rao, S. R. Kulkarni, G. Rekha, M. Anila, M. B. V. N. Koushik, P. Senguttuvvel, A. S. Hariprasad, S. K. Mangrauthia, M. S. Madhav, R. M. Sundaram. 2019. Expression profiling of immature florets of IR58025A, a wild abortive cytoplasmic male sterile line of rice and its cognate, isonuclear maintainer line, IR58025B. *3 Biotech*, 9: 278.

Rahul Priyadarshi, Hari Prasad S. Arremsetty, Akhilesh K. Singh, Durga Khandekar, Kandasamy Ulaganathan, Vinay Shenoy, Pallavi Sinha and Vikas K. Singh. 2018. Marker-Assisted Improvement of the Elite Maintainer Line of Rice, IR 58025B for Wide Compatibility (S5n) Gene, *Frontiers in Plant Science*, 9 (1051): Reddy SH, Kambalimatha SK, Singhala RK, Chikkakariyappa MK, Muthurajan R, Rajanna MP, Sreevaths R, Sevanthi AM, Mohapatra T, Neelamraju S, Chinnuswamy V, Gopal KS, Singh AK, Singh NK, Sharma RP, Sheshshayee SM. 2019. Allele specific analysis of single parent backcross population identifies HOX10 transcription factor as a candidate gene regulating rice root growth. *Physiologia Plantarum*, 166 (2), 596-611.

Revathi Ponnuswamy, A. Rathore, A. Vemula, R.R. Das, A.K. Singh, D. Balakrishnan, Hariprasad S. Arremsetty, R.B. Vemuri and T. Ram. 2018. Analysis of multi location data of hybrid rice trials reveals complex genotype by environment interaction. *Cereal Research Communication*, 46 (1): 146-157.

Sandhu N, S Dixit, BPM Swamy, A Raman, S Kumar, SP Singh, RB Yadaw, ON Singh, JN Reddy, A Anandan, S Yadav, C Venkataeshwarlu, A Henry, S Verulkar, NP Mandal, T Ram, Jyothi Badri, P Vikram and A Kumar. 2019. Marker Assisted Breeding to Develop Multiple Stress Tolerant Varieties for Flood and Drought Prone Areas. *Rice*, 12: 8

Sathish Kumar Peddamma, Praveen Kumar Ragichedu, Sekhar Maddala, Durbha Sanjeeva Rao, Venkata Subba Rao Lella, Kalyan Konne, Prabhakar Sripada, AK Singh, Seshu Madhav Maganti. 2018. Insight of aroma in brown rice through chemical assessment of 2-Acetyl-1-pyrroline (2AP) in aromatic germplasm of India. *Cereal Chemistry*. 95 (5): 679-688.

SB Aglawe, KM Barbadikar, SK Mangrauthia, MS Madhav. 2018. New breeding technique "genome editing" for crop improvement: applications, potentials and challenges. *3 Biotech*, 8 (8): 336

Shivakumar M, Radhika K, Sarla N, Venkanna V. 2018. Character association and path analysis for yield and its component characters in rice. *Environment and Ecology*, 36 (3), 876-880.

Subhakara Rao I, C. N. Neeraja, B. Srikanth, D. Subrahmanyam, K. N. Swamy, K. Rajesh, P. Vijayalakshmi, T. Vishnu Kiran, N. Sailaja, P. Revathi, P. Raghubeer Rao, L. V. Subba Rao, K. Surekha, V. Ravindra Babu and S. R. Voleti. 2018. Identification of rice landraces with promising yield and the associated genomic regions under low nitrogen. *Scientific Reports*.8:9200..

Subhakara Rao, C. N. Neeraja, B. Srikanth, D. Subrahmanyam, K. N. Swamy, K. Rajesh, P. Vijayalakshmi, T. Vishnu Kiran, N. Sailaja, P. Revathi, P. Raghubeer Rao, L. V. Subba Rao, K. Surekha, V. Ravindra Babu and S. R. Voleti. 2018. Identification of rice landraces with promising yield and the associated genomic regions under low nitrogen. *Scientific Reports*, 8: 9200

Swamy BPM, Kaladhar K, Anuradha K, Anil KB, Longvah T and Sarla N. 2018. QTL analysis for grain iron and zinc concentration in two O. nivara derived backcross populations. *Rice Science*, 25 (4): 197-207.

Vemireddy, LR, G Kadambari, GE Reddy, VSR Kola, E Ramireddy, VRR Puram, Jyothi Badri, SN Eslavath, SN Bollineni, BJ Naik, S Chintala, R Pottepalem, S Akkareddy, R Nagireddy, LVB Reddy, R Bodanapu, SP Lekkala, N Chakravarthy and EA Siddiq. 2019. Uncovering of natural allelic variants of key yield contributing genes by targeted resequencing in rice (*Oryza sativa* L.). *Scientific Reports*, 9: 8192  
Yugandar A, Sundaram RM, Singh K, Ladha Lakshmi, LV Subba Rao, MS Madhav, Jyothi Badri, MS Prasad and GS Laha. 2018. Incorporation of the novel bacterial blight resistance gene Xa38 into the genetic background of elite rice variety Improved Samba Mahsuri. *PLoS ONE*.

Yugander A, Sundaram RM, Singh K, Senguttuvvel P, Ladhalakshmi D, Kempuraju KB, Madhav MS, Prasad MS, Hariprasad AS and Laha GS. 2018. Improved versions of rice maintainer line, APMS 6B, possessing two resistance genes, Xa21 and Xa38, exhibit high level of resistance to bacterial blight disease. *Molecular Breeding*, 38: 100

## National

Aditi Bhandari, Pawan Jayaswal, Neera Yadav, Renu Singh, Yashi Singh, Balwant Singh, Nisha Singh, Sangeeta Singh, Amitha Sevanthi, Vandna Rai, Satish Verulkar, P. V. Ramana Rao, M. Girija Rani, T. Anuradha, P. V. Satyanarayana, S. L. Krishnamurthy, Prabodh Sharma, Deepika Singh, P. K. Singh, Nilanjay, Rajesh Kumar, Sanjay Chetia, T. Ahmad, Mayank Rai, Jawahar Katara, B. Marandi, Padmini Swain, R. K. Sarkar, D. P. Singh, J. N. Reddy, Nimai Mandal, K. Paramsivam, S. Nadarajan, S. Thirumeni, Jyothi Badri, G. Padmavathi, T. Ram and Nagendra Singh. 2019. Genomics-assisted backcross breeding for infusing climate resilience in high-yielding green revolution varieties of rice. *Indian J. Genet.*, 79(1) Suppl. 160-170.

Amtul Waris, BK Mathur and Usha Rani. 2018. Institutional partnerships for capacity building of women farmers: the case of Arid Rajasthan. *Journal of Pharmacognosy and Phytochemistry*, SP1: 2097-2100.

Amtul Waris, K Surekha and R Mahender Kumar. 2018. Innovative strategies and smart skills for dissemination of Climate-Resilient Rice Production technologies to farmers. *Journal of Pharmacognosy and Phytochemistry*, SP1: 1267-1269.

Amtul Waris. 2019. Farmer's perceptions on climate change and adaptation strategies in Nalgonda District of Telangana. *Journal of Pharmacognosy and Phytochemistry*, 8 (SP2): 767-770.

Anupama Dhawande, V Jhansi Lakshmi, PM Chirukar, GR Katti and LV Subba Rao. 2019. Evaluation of germplasm accessions for resistance to rice Brown planthopper, *Nilaparvata lugens* (Stal). *Journal of Rice Research*, 11(2): 36-44.

Bandeppa, Sangeeta Paul, Chetana Aggarwal, B.S Manjunatha and Maheshwar Singh Rathi. 2018. Characterization of osmotolerant rhizobacteria for plant growth promoting activities in vitro and during plant-microbe association under osmotic stress. *Indian Journal of Experimental Biology*, 56: 582-589.

- Bhaskar B, R. Sarada Jayalakshmi Devi, S. Vijay Kumar, C.P.D. Rajan, B. Ravindra Reddy and M. Srinivas Prasad. 2018. Evaluation of culture media, light regimes and natural host segments on growth and sporulation of *pyricularia oryzae* cavara causing blast disease in rice. *International Journal of Microbiology Research.* 10 (10), 1374-1377.
- Bhaskar B, R. Sarada Jayalakshmi Devi, S. Vijay Kumar, C.P.D. Rajan, B. Ravindra Reddy and M. Srinivas Prasad. 2018. Assessment of Blast Disease Incidence in Major Rice Growing Areas of Andhra Pradesh State, India. *International Journal of Agriculture Sciences.* 10 (19), 7336-7338.
- Chandrakala C, Voleti S.R, Bandeppa S, Sunil Kumar N. and Latha P.C. 2019. Silicate Solubilization and Plant Growth Promoting Potential of *Rhizobium* Sp. Isolated from Rice Rhizosphere. *Silicon.* <https://doi.org/10.1007/s12633-019-0079-2>.
- Chaudhari BN, GR Shamkuwar, DB Undirwade, Ch Padmavathi and GR Katti. 2018. Effect of planting dates on insect pest incidence on paddy in gall midge area of eastern vidarbha region of Maharashtra. *Journal of Soils and Crops,* 28(1): 64-71.
- Chavan S.N, Somasekhar N and Katti G. 2018. Compatibility of entomopathogenic nematode *Heterorhabditis indica* (Nematoda: Heterorhabditidae) with agrochemicals used in the rice ecosystem. *Journal of Entomology and Zoology Studies,* 6 (4): 527-532.
- Chhajer S, Jukanti AK, Bhatt RK, Kalia RK. 2018. Genetic diversity and population structure studies in endangered desert teak [*Tecomella undulata* (Sm) Seem] using arbitrary (RAPD), semi-arbitrary (ISSR) and sequence based (nuclear rDNA) markers. *Trees* 32(4): 1083-1101.
- Chitra Shanker, Sampathkumar Muthusamy, Sunil Vailla, Sravanthi Guntupalli, Jhansirani Billa, Poorni Janakiraman, Gururaj Katti. 2018. Biodiversity and predatory potential of coccinellids of rice ecosystems. *Journal of Biological Control,* 31 (4): 201 -204.
- Deepak Reddy B, B. Vidya Sagar, V. Prakasam and Sridevi G. 2018. Survey on the Sheath Blight disease of Rice in Telangana State, India. *Int.J.Curr.Microbiol.App.Sci.* 7(09): 3525-3531. doi: <https://doi.org/10.20546/ ijcmas. 2018.709.437>
- Deepak Reddy B, Vidya Sagar B, Sridevi G, Prakasam V. 2019. Variability among Inciting Rice Sheath Blight from Different Agro-Climatic Zones of Telangana State. *J Mycol Pl Pathol,* 80-90.
- Hari Prasad AS, P Senguttuvvel, P Revathi, KB Kemparaju, K Sruthi, RM Sundaram, M SeshuMadhav, MS Prasad and GS Laha. 2018. Breeding strategies for hybrid rice parental line improvement. *Oryza,* 55 (Special Issue): 38-41.
- Hima Bindu P, Cheralu C, Radha Krishna KV and Neeraja CN. 2018. Studies on genetic variability for grain yield related traits, iron and zinc content in RIL population of rice (*Oryza sativa* L.). *Int. J. Pure App. Biosci.* 6: 476-479.
- Jadhav S, Divya B, Gouri Shankar V, Kavitha B, Gowthami C, Sarla Neelamraju. 2019. Correlation and path coefficient analysis using a set of diverse genotypes of *Oryza* spp. *Journal of Rice Research* 11 (2), 18-26.
- Jatwar GS, Jairamulu K, Madhav MS, Shenoy VV, Hariprasad AS, Suresh J, Singh AK, Koradi P, Shanti ML, Sundaram RM and Kemparaju KB. 2018. Inheritance studies

for stigma exsertion in F3 population of rice maintainer lines. *Journal of Rice Research*, 10(2): 23-26.

JhansiLakshmi Vattikuti, V. Sailaja, Y.G. Prasad, G. R. Katti, P.M.Chirutkar, G. Ramachandra Rao A.P. Padmakumari, Ch. Padmavathi and M. Prabhakar. 2019. Temperature driven development of the Indian Population of Rice Brown Planthopper, *Nilaparvata lugens* (Stål) (Hemiptera: Delphacidae). *Journal of Agrometeorology*, 21(2): 131-140.

Jyothi B, Divya B, LV Subba Rao, P Laxmi Bhavani, P Revathi, P Raghuveer Rao, B Rachana, G Padmavathi, J Aravind Kumar, C Gireesh, MS Anantha, R Abdul Fiyaz, C Suvarna Rani and ARG Ranganatha. 2018. New plant type trait characterization and development of core set among *indica* and tropical *japonica* genotypes of rice. *Indian J. Plant Genetic Resources* 16 (6): 504-512.

Jyothi Badri, Susmita Dey, Prakasam V, Sneha Nymagouda, Priyanka C, Hajira Shaik, Sundaram RM, Sheshu Madhav M, Eswari KB, Bhadana VP, Ram T and Subba Rao LV. 2018. Allelic Variation of Sheath Blight QTLs among Genotypes Promising for Sheath Blight Tolerance. *Journal of Rice Research* 10 (1):36-39.

Kannan C, Pradhan B, Renuka R, Anila R, Prakasam V, Prasad MS, Sundaram RM and Sudhakar R. 2018. Characterization of native rice specific isolates of *Trichoderma* and evaluation of its effect on sheath blight pathogen *Rhizoctonia solani*. *Journal of Rice Research* 11(1):52-56.

Kemparaju K.B, G. Haritha, B. Divya, B. C. Viraktamath, V. Ravindrababu and N. Sarla. 2018. Assessment of heterotic potential of indica rice hybrids derived from KMR 3/O. *rufipogon* introgression lines as restorers. *Electronic Journal of Plant Breeding*, 9 (1): 97-106.

Kiranmayee B, Ch. Damodar Raju, K. B. Kempa Raju and Balaram, M. 2018. A Study on Correlation and Path Coefficient Analysis for Yield and Yield Contributing Traits in Maintainer (B lines) Lines of Hybrid Rice (*Oryza sativa* L.). *Int.J.Curr.Microbiol. App.Sci.* 7(06): 2918-2929.

Kousik Nandi, D Mahata, Soumya Saha, Anwesh Rai and Subhendu Bandyopadhyay. 2018. Sowing Attributes and Phenological Effects on Productivity of Wheat - A Review. *International Journal of Current Microbiology and Applied Sciences*. 7 (7): 3327-3332.

Kumar RM, K Surekha, S. Duttarganvi, TM Sudhakara, B Sreedevi, MBB Prasad Babu, Ch. Padmavathi, JVNS Prasad, N. Somasekhar, PC Latha, T. Vidhan Singh, MD Tuti, S. Saha, Shaik N.Meera, B. Nirmala, T. Satyanarayana and V. Ravindra Babu (2017). Agronomic Manipulations for Climate Resilient Rice Production in India. *SATSA Mukhapatra – Annual Technical Issue*. Vol 21. pp. 103-118.

Kumar RM, Ramesh T and Singh A. 2018. Studies on the performance of biospark SP on tillering and grain yields in rice. *Pestology* Vol. XLII No. 8: 29-31.

Kumar S., Azam M.M., Venkatesan K., Pancholy A. and Kulloli R.N. 2019. Morphological and Biochemical Variability in Germplasm in Hot Arid Region of India. *Journal of Herbs, Spices & Medicinal Plants*, 25(2): 158-171.

Ladhalakshmi D, Srinivas Prasad M, Prakasam V, Krishnaveni D, Sailaja B, Ram Singh, Prasad V, Lore J.S, Jain J, Surendran M and Laha G. S. 2019. Geographic distribution

of false smut disease of rice in India and efficacy of selected fungicides for its management. *International Journal of Pest Management* 65 (2): 177-185.

Lakshmi Prasanna PA, Subba Rao LV, Hari Prasad AS, AmtulWaris, Shaik N Meera, Nirmala B, Arun Kumar S and Divya P Syamaladevi. 2018. Intellectual Property Rights Protection for rice varieties-Status-emerging issues and challenges-new initiatives, *Oryza* 55(3): 383-395.

Lakshmi Prasanna, P. A. 2018. Innovative initiatives for enhancing access of quality seeds to farmers under evolving IPR Regime-Insights and implications. *Innovative Farming*, 3 (3): 133-140.

Lakshmi Prasanna, P.A. 2018. Dynamics of Rice Production in India - emerging sustainability issues-options available. *Journal of Rice Research*, 11 (2):63-72.

Lavanya B, Ramesh T, Sundaram RM, Ramyasri Y, Pranathi K, Koteswar Rao P and Raghuveer Rao P. 2018. Evaluation of Rice Genotypes for Physiological Efficiency and Productivity. *International Journal of Pure and Applied Bioscience* 6: 678-682

Lavanya B, Ramesh T, Sundaram RM, Sreekanth B, Raghuveer Rao, P, Pranathi K and Rao PK. 2018. Physiological and Molecular Evaluation of Positive and Negative Heterotic Rice Hybrids for Grain Yield. *International Journal of Pure and Applied Bioscience* 6: 674-683.

Lingaiah N, Sarla N, Radhika K, Venkanna V, ReddyVV, Raju S. 2018. Variability studies in F2 population of rice. *International Journal of Agriculture Sciences*, 10 (9), 5956-5957.

Lingaiah N, Sarla N, Venkanna V, Raju CS, Radhika K and Reddy DVV. 2018. Combining ability analysis in iron and zinc rich rice genotypes. *Int J Curr Microbiol App Sci*, 7 (5), 3745-3751.

Madhusmita Panigrahy, Sarla N , Kishore CS Panigrahi. 2018. Phenotypic, physiological and biochemical characterization of rice introgression lines and mutants under prolonged shade condition. *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences*, 4 (3), 115-130.

Mahendranath G, KrishnakanthYadav T, Jagadish P, Raghurami Reddy M, Balachandran SM, Siddiq EA, Yamini KN, Anuradha G. 2018. Standardization of *Agrobacterium* mediated genetic transformation in Indica rice cv BPT-5204. *Annals of Plant Sciences*, 7(2):2037-2041.

Mangla Parikh, AK Sarawgi, D Sanjeeva Rao and Bhawana Sharma. 2019. Assessment of genotypic variability for grain zinc and iron content in traditional and improved rice genotypes using energy dispersive X-ray fluorescence spectrophotometer (ED-XRF). *International Journal of Chemical Studies*, 7(1): 1967-1974.

Manjunatha B.S, Sangeeta Paul, Chetana Aggarwal S. Bandeppa, V. Govindasamy, Ajinath S Dukare, Maheshwar S. Rathi, C. T. Satyavathi, K. Annapurna. 2019. Diversity and Tissue Preference of Osmotolerant Bacterial Endophytes Associated with Pearl Millet Genotypes Having Differential Drought Susceptibilities. *Microbial Ecology*, 77: 676-688.

Manjunatha O, B. Vidya Sagar, V. Prakasam and Narendra Reddy C.N. 2018. Variability and studies on Sheath Blight of Rice in Karnataka, India. *Int.J.Curr.Microbiol. App.Sci.* 7 (10):724-736.

- Mohan U, Jhansi Lakshmi Vattikuti, Sanjay Sharma, PM Chirutkar, GR Katti and NV Krishnaiah 2019. Insecticide resistance in rice brown planthopper *Nilaparvata lugens* Stal in Nalgonda District of Telangana State, India to different groups of insecticides. *Annals of Plant Protection Sciences*, 27(1): 172-176.
- Nagarjuna Kumar R, Rama Rao, C.A, Raju B.M.K, Josily Samuel, Sammi Reddy K, Ravindra Chary G, Sailaja B and Obi Reddy G.P. 2018. Geospatial technologies for developing resource maps at cadastral level - A Case Study from Central India. *International Journal of Agricultural Science and Research (IJASR)*, 8 (4): 79-90.
- Naresh Babu P, Palit P, Madhu P, Ramesh M, Laha G.S, Balachandran S.M, Sheshu Madhav M, Sundaram M. and Mangrauthia S.K. 2018. Proteomic and transcriptomic approaches to identify resistance and susceptibility related proteins in contrasting rice genotypes infected with fungal pathogen *Rhizoctonia solani*. *Plant Physiology and Biochemistry*, 130: 258-266.
- Neeraja C.N, S. R. Voleti, D. Subrahmanyam, K. Surekha and Raghuveer Rao P. 2019. Breeding rice for nitrogen use efficiency. *Indian J. Genet.*, 79 (1) Suppl. 208-215. DOI: 10.31742/IJGPB.79S.1.11
- Niharika G, Vijayalakshmi V, Sanjeeva Rao D, Sheshu Madav M and Umadevi K. 2019. Impact of polishing time on minimum cooking temperature of selected Indian rice varieties. *Journal of Pharmacognosy and Phytochemistry*, SP2: 155-160.
- Nirmala B, Amtul Waris, P. Muthuraman and N. Sunder Rao. 2019. An Economic Evaluation of Potential of Stress Tolerant Rice Varieties. *International Journal of Current Microbiology and Applied Sciences*, 8 (1): 576-584 ISSN: 2319-7706.
- Nirmala B, Mahajan G and Kumar RM. 2018. Farm level aggregate biology and agricultutural sciences. *Journal of experimental Biology and Agricultural Sciences*. 6 (1): 253-257.
- Nirmala Bandumula, Gulshan Mahajan and R. Mahendra Kumar. 2018. Farm level and aggregate economic impact of Direct Seeded Rice in Punjab. *Journal of Experimental Biology and Agricultural Sciences*, 6 (1): 253-257.
- Padmavathi G, Satyanarayana P.V, Bhanu K Vasantha, Jhansi Lakshmi V, Bhadana VP, Madhav M Sheshu, Md. Tahseen, Babu V Ravindra. 2018. RP 5448-RIL-501 (IC0617119; INGR16001), a rice (*Oryza sativa*) Novel Dual Donor for Resistance to both Brown Plant Hopper (BPH) and White Backed Plant Hopper (WBPH). Possesses Resistance at Vegetative and Reproductive Stages. *Indian J. Plant Genet Resources*, 31 (1): 101-102.
- Patel SK, Rajeswari B and Krishnaveni D. 2018. Efficacy of insecticides against rice tungro disease and its vector (*Nephrotettix Virescens*) under glasshouse conditions. *Agric. Sci. Digest.*, 38 (3): 225-227. DOI: 10.18805/ag.D-4728.
- Patel SK, Rajeswari B and Krishnaveni. D. 2019. Effect of Rice Tungro Disease (RTD) on Physiological Changes of Promising Rice Genotypes. *International Journal of Agriculture, Environment and Biotechnology*. 999-1008 (Special Issue 2018).
- Pavani M, R. M. Sundaram, M. S. Ramesha, P. B. Kavi Kishor and K. B. Kempuraju. 2018. Prediction of heterosis in rice based on divergence of morphological and molecular markers. *Journal of Genetics*, 97(5): 1263-1279.

- Phule A.S, Barbadikar K.M, Madhav M.S, Subrahmanyam D, Senguttuvel P, Prasad Babu, M.B.B. and Ananda Kumar, P. 2019. Studies on root anatomy, morphology and physiology of rice grown under aerobic and anaerobic conditions. *Physiology and Molecular Biology of Plants*, 25 (1): 197-205.
- Poli Y, Nallamothu V, Panigrahy M, Tipireddy S, Bhadana VP, Voleti SR, Subrahmanyam D, Mangrauthia SK, and Neelamraju S. 2018. Nagina 22 mutants tolerant or sensitive to low P in field show contrasting response to double P in hydroponics and pots. *Archives of Agronomy and Soil Science*, 64: 1975-1987.
- Poli Y, Sun Y, Liu L, Negi M, Nallamothu V, Sun S, Neelamraju S, Rai V, Jain A. 2018. Characterization of the loss-of-function mutant NH101 for yield under phosphate deficiency from EMS-induced mutants of rice variety Nagina 22. *Plant Physiology and Biochemistry*, 130: 1-13.
- Poli Y, Veronica N, Panigrahy M, Sitaramamma T, Bhadana VP, Voleti SR, Subrahmanyam D, Mangrauthia SK, and Sarla N. 2018. Nagina 22 mutants tolerant or sensitive to low P in field show contrasting response to double P in hydroponics and pots. *Archives of Agronomy and Soil Science*, 64, 14: 1975-1987.
- Pragnya K, KV Radha Krishna, LV Subba Rao, K Suneetha. 2018. Studies on Genetic Divergence Analysis in Soft Rice (*Oryza sativa* L.) Genotypes. *International Journal Pure Applied Biosciences*, 6 (2): 968-975
- Prameela MB, Rajeswari and Krishnaveni D. 2018. Efficacy of Fungicides and Herbicides against *Sclerotium oryzae* Catt. Incitant of Stem Rot Disease in Rice. *International Journal of Current Microbiology and applied Sciences* 7(2): xx-xx. doi: <https://doi.org/10.20546/ijcmas.2018.702.xx>
- Praneeth S, Reddy DVV, Kumar RM, Latha PC, Ramesh T and P Raguveer Rao. 2018. Yield and Yield Attributes Influenced by Different Planting Methods and Nitrogen Treatments. *International Journal of Current Microbiology and Applied Biological Sciences*. 6 (8): 3061-3067.
- Prasad M.V, Vidhan Singh, and K.Sudhakar Babu. 2018: Development of an ablation tool for oil palm. *Journal of Plantation Crops*, 46 (2): 139-142
- Prathi NB, Palit P, Madhu P, Ramesh M, Laha GS, Balachandran SM, Madhav MS, Sundaram RM, and Mangrauthia SK. 2018. Proteomic and transcriptomic approaches to identify resistance and susceptibility related proteins in contrasting rice genotypes infected with fungal pathogen Rhizoctonia solani. *Plant Physiology and Biochemistry*, 130: 258-266.
- Pravallik K.V.S.D, P.A.Lakshmi Prasanna, and V.K.Choudhary. 2018. Economics of Paddy Cultivation in East Godavari district of Andhra Pradesh. *Journal of Rice Research*, 11 (1):63-70.
- Preethi P, Vidhan Singh, T. Ramajayam, D and M.V.Prasad. 2018. Pole Harvesting- A skilful operation in oil palm fresh fruit bunch harvest. *Journal of Plantation Crops*, 46 (3): 204-209.
- Preethi P, Vidhan Singh T, M. V. Prasad, D. Ramajayam, N. V. Ganesh, R. K. Mathur and A. P. Pandirwar. 2019. Chipping bucket-a new and feasible approach for fragmentation of oil palm trunk, *Current Science*, 116 (6): 1003-1008.

- Rachana B, KB Eswari, Jyothi Badri and P Raghubeer Rao. 2018. Correlation and Path Analysis for Yield and its Component Traits in NPT Core Set of Rice (*Oryza sativa* L.) *International Journal of Current Microbiology and Applied Sciences*, 7(9):97-108.
- Rachana B, KB Eswari, Jyothi Badri and P Raghubeer Rao. 2018. Variability, heritability and genetic advance for yield and its component traits in NPT core set of rice (*Oryza sativa* L.). *Electronic Journal of Plant Breeding*, 9 (4): 1545-1551.
- Rao D.V.K.N. 2018. Distribution maps of edaphic factors derived by geostatistical analysis of point source data from soil health cards, *The Andhra Agricultural Journal*, 65: 286-292.
- Rao YV, Raju AK, Malathi S, Sukumar M, Kavitha B, Divya B, Sarla N. 2019. Interspecific hybridization for the development of chromosome segment substitution lines of rice in India. *Oryza* 55 (4), 510-522.
- Rao, YV, Divya B, Raju AK, Mesapogu S, Kiran TV, Subrahmanyam D, Sarla N, Voleti SR. 2018. Characterization of backcross introgression lines derived from *Oryza nivara* accessions for photosynthesis and yield. *Physiology and Molecular Biology of Plants*, 24 (6), 1147–1164.
- Reddy M.R, Reddy S.V, Manimaran P, Quadriya H, Mahendranath G, Kulkarni K.B, Mangrauthia S.K, Sundaram R.M and Balachandran S.M. 2018. Development of Activation-Tagged Mutants in Rice Cv BPT 5204 and Identification of the SUMO Protease Gene Associated with Early Flowering. *Journal of Rice Research*, 10 (2): 46-51.
- Rekha G, Senguttvel P, Kousik MBVN, Prasanna B, Swapnil K, Punniakoti E, Anila M, Ayyappa D, Pragya S, Ravinder K, Hajira SK, Balachandran SM and Sundaram RM 2018. Screening of breeding lines of Improved Samba Mahsuri possessing Saltol QTL for seedling stage salinity tolerance. *Journal of Pharmacognosy and Phytochemistry*, 7: 1182-1185
- Sailaja B, S. R. Voleti, D. Subrahmanyam, P. Raghubeer Rao, S. Gayatri, R. Nagarjuna Kumar and Shaik N. Meera. 2019. Spatial rice decision support system for effective rice crop management. *Current Science*, 116 (3): 412-422.
- Shaik N Meera, S. Arun Kumar, Praveen Rapaka and S.R. Voleti. 2018. Digital Disruption at Field Level: Tipping Point Experiments from Rice Sector. *Indian Journal of Extension Education*, 54 (4): 1-10.
- Shaik R, Kuna A, Azam M.M, Kanuri M. 2018. Effect of Rice Bran Oil Spread (RBOS) as a fat Substitute on the Sensory Properties of Baked Products. *Journal of Oil Seed Research*, 35(1): 51-56.
- Shivakumar M, Radhika K, Sarla N, Venkanna V. 2018. Correlation and path analysis studies of quality parameters in rice genotypes. *Int J Curr Microbiol App Sci*, 7 (7), 132-135.
- Shivani D, Cheralu C, Neeraja CN and Gouri Shankar V (2018) Grain zinc and iron association studies in Swarna x Type 3 RIL population of rice. *Int.J.Curr. Microbiol. App. Sci* 7: 708-714.
- Singh S, Sahoo DC, Singh S, Tuti MD and Bisht JK. 2018. Development and evaluation of weed wiper for resource conservation in hills of North Western Himalayas. *Agricultural Engineering Today*. 42 (2): 67-71.

- Sinha N.K, Ghosh J, Lohot V.D, Monobrullah, Ghosal S, Sharma KK, Singh A.K. and Brajendra. 2018. Effect of some plant growth regulators on growth, seed setting, seed shattering and seed yield in Lac insect host plant *Flemingia Semialata* Roxb. *Journal of Pharmacognosy and Phytochemistry*, 7: 2290-2292.
- Solanki RK, Kakani RK, Jukanti AK, Singh SK, Bhatt RK. 2019. Performance of pearl millet hybrids for earliness and grain yield in Indian hot arid region. *Int J Curr Microbiol App Sci.* 8(3): 1956-1962
- Soni SK, Tiwari S, Newmah JT, Dossou-Aminon and Sundaram RM. 2018. Prediction of Hybrid Performance in Crop Plants: Molecular and Recent Approaches. *Int. J. Curr. Microbiol. App. Sci.* 7: 98-108.
- Sreedevi B, Kumar RM, Singh A, Tuti MD, Saha S and Voleti SR. 2018. Assessing the efficacy of new low dose herbicide molecule in puddle direct sown rice. *Journal of Rice Research.* 11 (2): 45-49.
- Sreedevi B, Arun MN, Krishnamurthy P, Sandyarani A, Kumar RM and Viraktamath BC. 2018. Impact of nutrient management on performance of rice (*Oryza sativa*)–blackgram (*Vigna mungo* L) cropping system. *Indian Journal of Agricultural Research.* 52 (6):637-642.
- Sreedevi B, Singh A and Tejaswini M. 2019. Integrated nutrient management with biofertilizers in different genotypes of rice sown under aerobic conditions. *Current Journal of Applied Science and Technology*, 339 (4):1-8.
- Srilatha P, Yousuf F, Methre R, Vishnukiran T, Agarwal S, Poli Y, Reddy MR, Vidyasagar B, Shanker C, Krishnaveni D, Triveni S, Brajendra, Praveen S, Balachandran SM, Subrahmanyam D, and Mangrauthia SK. 2019. Physical interaction of RTBV ORFI with D1 protein of *Oryza sativa* and Fe/Zn homeostasis play a key role in symptoms development during rice tungro disease to facilitate the insect mediated virus transmission. *Virology*, 526: 117-124.
- Subba Rao LV, Fiyaz RA, Jukanti AK, Padmavathi G, Badri J, Anantha MS, Nagarjuna E, Voleti SR. 2019. Coordinated Rice Improvement Project in India: Its Significant Achievements and Future prospects. *Oryza* 56 (Special Issue): 82-91.
- Sundaram, RM, MS Madhav, CN Neeraja, SM Balachandran, SK Mangrauthia, KB Barbadikar, PS Divya, LV Rao, AS Hariprasad. 2018. Multi-trait improvement in rice through marker-assisted breeding. *Oryza*, 55 (Spl Issue): 24-37.
- Sunil Kumar, V. Sangeetha, Premlata Singh, R. Roy Burman, Arpan Bhowmik and Shaik N. Meera. 2018. Stakeholders' Information needs, Information Searching and Sharing Behaviour about Rice related Information through Rice Knowledge Management Portal. *International Journal of Current Microbiology and Applied Sciences* ISSN: 2319-7706. 7(01): 3001-3015. Sunil V. V. Jhansi Lakshmi, K. Chiranjeevi and M. Sampathkumar, JS Bentur and GR Katti. 2018. Rice genotypes resistant to West Godavari brown planthopper, *Nilaparvata lugens* (Stål) population. *Annals of Plant Protection Sciences*, 26(2): 249-255.
- Sunil Vailla, Sampathkumar Muthusamy, Chiranjeevi Konijeti, Chitra Shanker and Jhansi Lakshmi Vattikuti. 2019. Effects of elevated carbon dioxide and temperature on rice brown planthopper, *Nilaparvata lugens* (Stål) populations in India. *Current Science*, 116 (6): 988-996.

- Surekha K, Brajendra, Alok Pandey, Shiv Prasad Giri, Latha P.C, Prasad Babu M.B.B and Ravindra Babu. V. 2018. Nutrient Requirements of Recently Released Rice Varieties and Hybrids in Faizabad. *International Journal of Current Microbiology and Applied Sciences*. ISSN: 2319-7706 Special Issue-7 3202-3205. <http://www.ijcmas.com>
- Surekha, K. Gobinath, R. and Manasa, V. 2019. Impact of Climate Change and Its Management in Rice Soils. *SATSA Mukhapatra - Annual Technical Issue* 23: 100-109. ISSN 0971-975X.
- Susmita Dey, Jyothi Badri, Khushi Ram, AK Chhabra, DK Janghel. 2019. Current Status of Rice Breeding for Sheath Blight Resistance. *International Journal of Current Microbiology and Applied Sciences*, 8 (2): 163-175.
- Thakur C, Shrivastava GK, Sreedevi B and Thakur AK. 2018. Realising Aerobic rice potential in India-An Integrated Weed Management Perspective. *International Journal of Current Microbiology and Applied Sciences*. 7(2): 575-589.
- Thirupathi G.E, Vidyasagar C.H, Mahender Kumar R, Surekha K, Prasad J.V.N.S. and Narendra Reddy S. 2018. Assessment of Energetics of Rice with Irrigation and Nitrogen Management Practices under Different Establishment Methods. *International Journal of Current Microbiology and Applied Sciences*. 7 (1): 2313-2319.
- Usha Rani Pedireddi, LV Subba Rao, Parashuram D Patroti, G Nayan, Ravish Choudhary Deepak, G Padmaja, Atul Kumar, SK Jain. 2018. Impact of environmental conditions, seed age and chemical treatments on quality of rice cv. Annada during storage. *Journal of Pharmacognosy and Phytochemistry*, 7 (3): 2616-2623.
- Vennila P, Sridevi D and AP Padmakumari. 2018. Effect of insecticides on egg parasitoids of yellow stem borer, *Scirpophaga incertulas*, (Walker). *Journal of Entomology and Zoology Studies*, 6 (5): 67-70.
- Vijay Kumar S, M. Srinivas Prasad, R. Rambabu, K. R. Madhavi, B. Bhaskar, R. M. Sundaram, A. Krishna Satyam, M. Sheshu Madhav and V. Prakasam. 2019. Marker-Assisted Introgression of *Pi1* Gene Conferring Resistance to Rice Blast Pathogen *Pyricularia oryzae* in the Background of Samba Mahsuri. *International Journal of Current Microbiology and Applied Sciences*, 8 (1), 2133-2146.
- Vijay Kumar S, R Rambabu, B Bhaskar, KR Madhavi, S Srikanth, V Prakasam, RM Sundaram, M Sheshu Madhav, LV Subba Rao, M Srinivas Prasad. 2018. Introgression of durable blast resistance gene Pi-54 into indica rice cv. samba mahsuri, through Marker Assisted Backcross Breeding. *Electronic journal of Plant Breeding*, 9 (2) 705-715.
- Vijaya Sudhakara Rao Kola, Renuka Pichili, Ayyagari Phani Padmakumari, Satendra Kumar Mangrauthia, Sena M. Balachandran, Maganti Sheshu Madhav. 2019. Knockdown of acetylcholinesterase (AChE) gene in rice yellow stem borer, *Scirpophaga incertulas* (Walker) through RNA interference. *Agri Gene*.11:100081.
- Voleti S R, B. Silaja, SK. N. Meera, D. Subrahmanyam, G. Katti, M. Srinivas Prasad, LV. Subba Rao, Hari Prasad, K. Surekha, R. Mahendra Kumar, G. Gayathri (2012-2017). AICRIP experimental database-<http://www.aicrip-internet.in>. Copyright Office Government of India, Reg. No. SW-12459/2019. *India International Journal of Agricultural and Statistical Sciences*, Muzaffarnagar 251001, India.

Yogesh Kumar and Anantha M S. 2018. Comparative yield performance of rice varieties (high yielding and hybrids) under drought prone conditions in Jharkhand. *Eco. Env. & Cons.* 24 (2): 733-737.

Yugander A, R. M. Sundaram, K. Singh, M. S. Prasad, A. S. Hari Prasad, M. S. Madhav, Gouri Sankar Laha. 2019. Marker assisted introgression of a major bacterial blight resistance gene, Xa38 into a rice maintainer line, APMS 6B. *Indian Phytopathology*, <https://doi.org/10.1007/s42360-018-00111-8>.