

### Publications

Year	Title of the Paper	NAAS Rating
2015	ASHA, A., M.MANJUNATHA,R. M. REKHA, B. SURENDRANATH, P. HEARTWIN, J. RAO, E. MAGDALINE AND CHITRANAYAK SINHA. 2015. Antioxidant activities of orange peel extract in ghee (butter oil) stored at different storage temperatures. <i>Journal of Food Science and Technology</i> . 52(12): 8220-8227.	7.85
2015	RASHIDA RAHMAN, SHARANAGOUDA HIREGOUDAR, M. VEERANAGOUDA, C. T. RAMACHANDRA, UDAYKUMAR NIDONI, R. S. ROOPA, RYAN J. KOWALSKI AND GIRISH M. GANJYAL. 2015. Effects of wheat grass powder incorporation on physiochemical properties of muffins. <i>International Journal of Food Properties</i> . 18(4): 785-795.	6.80
2015	JAYASHREE.G.C. AND D. ANANTHA KRISHNAN, 2015, Effect of Operating Parameters on Performance of Target Actuated Sprayer, <i>Agricultural Mechanization In Asia, Africa, And Latin America</i> , 6 (4): 81-89.	6.15
2015	VAIJAYANTHI, P. V., RAMESH, S., BYRE GOWDA, M., MOHAN RAO, A. AND KEERTHI C. M., 2015, Development of core set of Dolichos bean germplasm. <i>J. of Crop Improvement</i> , 29 : 405-419.	5.12
2015	RAMESH S.,SOWMYA H. R.,MOHAN RAO, A., BHARATHI, S. AND JAYARAME G., 2015. RAPD marker-based genetic diversity among released finger millet ( <i>Eleusine coracana</i> Gaertn.) cultivars with known origin. <i>The Bioscan</i> . 10 (2): 741-746.	5.00
2016	PARVATHI MS AND KARABA N NATARAJA, 2016, Emerging tools, concepts and ideas to track the modulator genes underlying plant drought adaptive traits: An overview, <i>Plant Signaling &amp; Behavior</i> .11:1, e1074370.	20.00
2016	RAMU,S. V., PARAMANANTHAM,A., RAMEGOWDA, V., MOHAN RAJU, B., UDAYAKUMAR., M. AND SENTHIL KUMAR, M., 2016, Transcriptme analysis of sunflower genotypes with contrasting oxidative stress tolerance rveals individual and combined biotic and abiotic stress tolerance mechanisms, <i>PLoS ONE</i> 11(6): e0157522. doi:10.1371/journal.pone.0157522.	10.43
2016	DHANYALAKSHMI, KH MBN NAIKA, RS SAJEEVAN, OK MATHEW, KM SHAFI,R SOWDHAMINI AND KN NATARAJA, 2016, An approach to function annotation for Proteins of Unknown Function (PUFs) in the transcriptome of Indian mulberry, <i>PLoS ONE</i> , 11(3): e0151323.	10.43
2016	MOHANA KUMARA P; SRIMANY A; ARUNAN S, RAVIKANTH G; UMA SHAANKER R AND PRADEEP T, 2016, Desorption Electrospray Ionization (DESI) mass spectrometry imaging of the distribution of rohitukine, in the seedling of <i>Dysoxylum binectariferum</i> Hook.f. , <i>PLoS ONE</i> ,11 (6): e0158099. doi:10.1371/journal.pone.0158099.	10.43
2016	MATHITHUMILAN, B., RS SAJEEVAN, JYOTI BIRADAR, T MADHURI, KN NATARAJA AND SHESHSHAYEE	10.43

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	M. SREEMAN, 2016, Development and characterization of genic SSR markers from Indian mulberry transcriptome and their transferability to related species of Moraceae, PLoS ONE, doi.10.1371/journal.pone.0162909.	
2016	NEETHU, K.C., A.K.SHARMA, HEARTWINA, PUSHPADASS, F. MAGDALINEELJEEVA EMERALD AND M.MANJUNATHA, 2016. Prediction of convective heat transfer coefficient during deep-fat frying of pantoa using neurocomputing approaches. Innovative Food Science & Emerging Technologies. 34: 275-284.	10.09
2016	SHAILAJA HITTALMANI, MAHESH H.B., MAHADEVAIAH C. AND PRASANNAKUMAR M.K., 2016, De novo genome assembly and annotation of Rice sheath rot fungus ( <i>Sarocladium oryzae</i> ) reveals genes involved in Helvolic acid and Cerulenin biosynthesis pathways. BMC Genomics 17: 271	9.99
2016	ASHWINI, N., RS SAJEEVAN, M UDAYAKUMAR AND KN NATARAJA, 2016, Identification and characterization of OsWRKY72 variant in <i>Oryza sativa indica</i> genotypes, Rice.	9.51
2016	SHAMSHAD BEGUM, S., H.K. JAYALAKSHMI, H.G.VIDYAVATHI, G.GOPAKUMAR, ISAAC ABIN, MALIAKELBALU, K.GEETHA, S.V.SURESHA, M.VASUNDHARA AND I.M.KRISHNAKUMAR, 2016. A Novel extract of Fenugreek husk (Fenu SMART) alleviates postmenopausal symptoms and helps to establish the hormonal balance: A randomized, double blind, placebo-controlled study. Journal of phytotherapy research,	9.20
2016	VASUNDHARA, M., SHEETAL R. GUJARAN, ASHWINI JAYARAM AND PRIYANKA. R, 2016, Sweet Bay ( <i>Laurus nobilis</i> L.) Essential Oil: study on its Application in Dentistry, World Journal of Pharmaceutical and Medical Research, 5, 2049-2057, ISSN 227-7105, SJIF.	8.60
2016	ROHINI BHAT VALEKUNJA, VIKRAMSHANKAR KAMAKOTI., ANITHA PETER, SHAMPRASAD PHADNIS, SHALINI PRASAD AND VINAY J NAGARAJ, 2016, The detection of papaya ring spot virus coat protein using an electrochemical immunosensor. Anal. Methods, 8:8534-8541. DOI: 10.1039/C6AY02201D.	8.38
2016	VASUNDHARA, M., B RADHIKA, BS THARA, PRIYANKA R AND ASHWINI JAYARAM, 2016, Organic colours for Ayurveda from kokum fruits and rinds, Journal of Medicinal Plants Studies, 4(6): 104-107.	8.00
2016	VASUNDHARA, M., SHEETAL R. GUJARAN, ASHWINI JAYARAM, PRIYANKA R AND RADHIKA B, 2016, Chemovariant of <i>Melaleuca Quinquenervia</i> (CAV.) S.T. Blake and its Anti- Pathogen Activity, European Journal of Pharmaceutical and Medical Research,3(6), 482-487 ISSN 2394-3211 SJIF	8.00
2016	MATHIMARAN, N., MAHAVEER P SHARMA., MOHAN RAJU B AND BAGYARAJ D. J., 2016, Arbuscular mycorrhizal symbiosis and drought tolerance in crop plants, Mycosphere	7.99
2016	RAJU BR., MOHANKUMAR M.V., SUMANTHKUMAR K., RAJANNA MP., UDAYAKUMAR M., PRASAD TG AND SHESHSHASYEE MS 2016. Discovery of QTL for water mining and water use efficiency traits in Rice	7.86

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	under water-limited conditions through association mapping. <i>Molecular Breeding</i> . DOI 10.1007/s 11032-016-0457-Z	
2016	RAHUL K ANURAG, M.MANJUNATHA, SHYAM NARAYAN JHA AND LEENAKUMARI, 2016. Storage quality of shelled green peas under modified atmosphere packaging at different storage conditions. <i>Journal of Food Science and Technology</i> . 53(3): 1640-1648.	7.85
2016	MANJUNATHA BL, SINGH HR, RAVIKANTH G, NATARAJA KN, SHANKAR R, KUMAR S AND SHAANKER RU, 2016, Transcriptome analysis of stem wood of <i>Nothapodytes nimmoniana</i> (Graham) Mabb. identifies genes associated with biosynthesis of camptothecin, an anti-carcinogenic molecule, <i>J. Biosci</i> . DOI 10.1007/s12038-016-9591-3	7.82
2016	PAVITHRAVANI BV, RAMEGOWDA, SOMTA P, RAMESH S, MOHANRAO A, BHANUPRAKASH K, SRINIVES P, GIREESH C AND PRAMILA CK. 2016. Mapping QTL for bruchid resistance in rice bean ( <i>Vigna umbellata</i> ). <i>Euphytica</i> .207: 135-147.	7.60
2016	DINESH, H. B., VISWANATHA, K. P., LOHITASWA, H. C., POONAM SINGH AND MOHAN RAO, A., 2016, Identification and marker-assisted introgression of QTL conferring resistance to bacterial leaf blight in cowpea ( <i>Vigna unguiculata</i> (L.) Walp.). <i>Plant Breeding</i> , 1-7.	7.50
2016	KEERTHI CM, RAMESH S, BYREGOWDA M, MOHAN RAO A, RAJENDRA PRASAD BS AND VAIJAYANTHI PV. 2016. Further evidence for the genetic basis of qualitative traits and their linkage relationships in dolichos bean ( <i>Lablab purpureus</i> L.). <i>J. Genetics</i> .95 (1): 89-98.	7.11
2016	NAGAVENI, B., N RAMA, R JEYARAMAN, V CHINNUSAMY, KN NATARAJA, 2016, Ectopic expression of AtICE1 and OsICE1 transcription factor delays stress-induced senescence and improves tolerance to abiotic stresses in tobacco, <i>Journal of Plant Biochemistry and Biotechnology</i> , 25(3): 285-293.	7.04
2016	PANNURE, A., BELAVADI, V.V. AND CARPENTER, J.M., 2016, Taxonomic studies on potter wasps (Hymenoptera: Vespidae: Eumeninae) of south India. <i>Zootaxa</i> , 4171(1): 001-050.	6.99
2016	MISHRA B. K., SRIVASTAVA, J. P. LAL, J. P. SHESHSHAYEE, M. S., 2016, Physiological and biochemical adaptations in lentil genotypes under drought stress. <i>Russ. J. Plant Physiol.</i> ,63: 695. doi:10.1134/S1021443716040117	6.94
2016	NAGARJUNA, KN, MS PARVATHI, RS SAJEEVAN, V PRUTHVI, HM MAMRUTHA AND KN NATARAJA, 2016, Molecular cloning and expression analysis of CIPK31-like gene identified from a drought hardy crop finger millet ( <i>Eleusine coracana</i> (L.) Gaertn.), <i>Current Science</i> , 111(5): 890-894.	6.76
2016	AMITHA MITHRA, S.V., M.K. KAR, T. MOHAPATRA, S. ROBIN, N. SARLA, M.S. SHESHSHAYEE, K. SINGH,	6.76

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	A.K.SINGH, N. K. SINGH AND R. P. SHARMA. (2016) DBT propelled national effort in creating mutant resource for functional genomics in rice. Current Science, 110(4): 543-548	
2016	FARHAD KAHANI AND SHAILAJA HITTALMANI, 2016, Genetic Analysis and Traits Association in F2 Inter varietal Populations in Rice. SABRAO Journal of Breeding and Genetics. 48(2) :219-229.	6.71
2016	KAHANI. F. AND SHAILAJA HITTALMANI, 2016, Identification of F2 and F3 Segregants of Fifteen Rice Crosses Suitable For Cultivation under Aerobic Situation. SABRAO.Journal of Breeding and Genetics.48 (2) 219-229.	6.71
2016	PRASHANTHA, C. AND BELAVADI, V.V., 2016. Large carpenter bees, Xylocopa from central Western Ghats of India: taxonomic notes on subgenus Koptortosoma (Hymenoptera: Apidae: Xylocopinae), Oriental Insects.	6.28
2016	NANDA, C., MOHAN RAO, A., RAMESH, S., HITTALMANI, S. AND PRATHIBHA, V. H., 2016, Tagging SSR markers associated with genomic regions controlling anthracnose resistance in chilli (Capsicum baccatum L.). Vegetos, 29 (3): 1-5.	6.13
2016	LAXMI K, VAIJAYANTHI PV, KEERTHI CM, SHIVAKUMAR MS, RAMESH S AND MOHAN RAO, A., 2016. Genotype-dependent photoperiod-induced sensitivity to flowering time in dolichos bean (Lablab purpureus L. Sweet) var. lignosus. Bangladesh J. Bot.45 (3): 471-476.	6.00
2016	MANOJ KUMAR, H. B, MANASA, K. S., HARINIKUMAR, K. M., DEEPAK, C. A, SAVITHA, G, MAYA G., 2016. Molecular Characterization of Important Biofuel Plant Species Though RapdMarkers, ISJRT.,2 (9):101-108.	5.88
2016	BASAVARAJ, K., JAGADISH, K. S., SOUMYA SHETTAR, SRINIVASA REDDY, K.M. AND SHADAKSHARI, Y.G., 2016, Bee foraging on elite sunflower cultivars and its impact on seed and oil yield, J. of Expt. Zool.India, 19(2):1191-1194	5.51
2016	PAVITHRA, GJ., S MAHESH, MS PARVATHI, RM BASAVARAJESHWARI, KN NATARAJA, AG SHANKAR, 2016, Comparative growth responses and transcript profiling of zinc transporters in two tomato varieties under different zinc treatments, Indian Journal of Plant Physiology,21(2): 208-212.	5.18
2016	VINODA, K.S., MADHURA, B., SHESHSHAYEE, S.M., NARAYANASWAMY, K.C. AND UDAYAKUMAR, M., 2016, Assessing genetic variability in water use efficiency of Morus species based on stable isotopes ( $\Delta^{13}C$ ) and RAPD profiling. Int. J. Agricult. Stat. Sci.,12 (1) : 7 – 16.	5.13
2016	BELAVADI, V.V., 2016. Conserving pollinators in the era of neonicotinoids. Indian J. Plant Gen. Resources, 29(3): 337-339.	5.12
2017	ISMAIL, S.A., GHAZOUL, J., RAVIKANTH, G., KUSHALAPPA, C.G., UMA SHAANKER, R. AND KETTLE, C.J., 2017. Evaluating realized seed dispersal across fragmented tropical landscapes: a twofold approach using parentage analysis and the neighbourhood model. New Phytologist, 214: 1307 -1316	13.21

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2017	MAGDALINE EFF, HEARTWIN A PUSHPADASS, BRAJ KUMAR, SATISH KULKARNI, MANJUNATHA M, RUCKMANIKANDASAMY, PONNUSAMIVENKATACHALAM AND PALANIMUTHUVELLINGIRI. 2017. Physicochemical, thermal, pasting and microstructural characterization of commercial <i>Curcuma angustifolia</i> starch. <i>Food Hydrocolloids</i> . 67:27-36.	11.84
2017	SAJEEVAN R. S., NATARAJA KN, K. S. SHIVASHANKARA, N. PALLAVI , D. S. GURUMURTHY AND M. B. SHIVANNA, 2017, Expression of Arabidopsis SHN1 in Indian mulberry ( <i>Morusindica</i> L.) increases leaf surface wax content and reduces post-harvest water loss, <i>Front. Plant Sci.</i>  doi:10.3389/fpls.2017. 00418	10.30
2017	SHIVAKUMARA, TN, R SREEVATHSA, PK DASH, MS SHESHSHAYEE, PK PAPOLU, UDAYAKUMAR M. 2017, Overexpression of Pea DNA Helicase 45 (PDH45) imparts tolerance to multiple abiotic stresses in chili ( <i>Capsicum annuum</i> L.) <i>Scientific Reports</i> 7	10.26
2017	MASAOMI HATAKEYAMA, SIRISHA ALURI, MATHI THUMILAN BALACHADRAN, SAJEEVAN RADHA SIVARAJAN, ANDREA PATRIGNANI, SIMON GRÜTER, LUCY POVEDA, RIE SHIMIZU-INATSUGI, JOHN BAETEN, KEES-JAN FRANCOIJS, KARABA N. NATARAJA, YELLODU A. NANJA REDDY, SHYAMPRASAD PHADNIS, RAMAPURA L. RAVIKUMAR, RALPH SCHLAPBACH, SHESHSHAYEE M. SREEMAN AND KENTARO K. SHIMIZU.,2017, Multiple hybrid de novo genome assembly of finger millet, an orphan allotetraploid crop. <i>DNA Research</i> . doi: 10.1093/dnares/dsx036	10.00
2017	SHOBA, D., M RAVEENDRAN, S MANONMANI, S UTHARASU, D DHIVYAPRIYA, SHESHSHAYEE et al., 2017, Development and Genetic Characterization of A Novel Herbicide (Imazethapyr) Tolerant Mutant in Rice ( <i>Oryzasativa</i> L.) <i>Rice</i> 10 (1), 10	9.74
2017	SOUJANYA, K.N., R. SIVA, P. MOHANA KUMARA, AMITAVA SRIMANY, G. RAVIKANTH, F.A. MULANI, T. AARTHY, H.V. THULASIRAM, T.R. SANTHOSHKUMAR, KARABA N. NATARAJA, R. UMA SHAANKER, 2017, Camptothecin-producing endophytic bacteria from <i>Pyrenacanthavolubilis</i> Hook. ( <i>Icacinaceae</i> ): A possible role of a plasmid in the production of camptothecin, <i>Phytomedicine</i> 36 (2017) 160–167.	9.53
2017	SHAILAJA HITTALMANI, MAHESH, H. B., MEGHANA DEEPAK SHIRKE, HANAMAREDDY BIRADAR, GOVINDAREDDY UDAY, ARUNA, Y. R. LOHITHASWA H. C. AND MOHAN RAO, A.2017, Genome and Transcriptome sequence of Finger millet ( <i>Eleusine coracana</i> (L.) Gaertn.) provides insights into drought tolerance and nutraceutical properties. <i>BMC Genomics</i> , 18: 465, 1-16.	9.50
2017	VINAYA KUMAR H.M., SHIVAMURTHY M., GOVINDA GOWDA V. AND BIRADAR G.S., 2017, Assessing decision-making and economic performance of farmers to manage climate-induced crisis in Coastal Karnataka (India), <i>Journal of Climate Change</i> , Springer	9.34

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2017	RIOTTE, J., SANDHYA, K., PRAKASH, N. B., AUDRY, S., ZAMBARDI, T., CHMELEFF, J., BUVANESHWARI, S. AND MEUNIER, J. D., 2017, Origin of silica in rice plants and contribution of diatom earth fertilization: insights from isotopic Si mass balance in a paddy field, <i>Plant and Soil</i> , 423(1-2): 481-501.	9.26
2017	PRUTHVI V, RAMA N, PARVATHI MS AND NATARAJA KN, 2017, Transgenic tobacco plants constitutively expressing peanut BTF3 exhibit increased growth and tolerance to abiotic stresses, <i>Plant Biology</i> 41: 2-3.	8.11
2017	SANDHYA, K., PRAKASH, N. B. AND MEUNIER, J. D, 2017, Diatomaceous earth as source of silicon on the growth and yield of rice in contrasted soils of Southern India, <i>Journal of Soil Science and Plant Nutrition</i> , 18(2):344-360	8.01
2017	SARANG, H., RAJANI, P., VASANTHAKUMARI, M.M., KUMARA, P.M., SIVA, R., RAVIKANTH, G. AND SHAANKER, R.U. 2017. <i>Antonie van Leeuwenhoek</i> 17:1 - 10	7.80
2017	VENKATARAVANAPPA V., KODANDARAM M. H, LAKSHMINARAYANA REDDY C N, SHANKARAPPA K S, KRISHNA REDDY M., 2017, Comparative transmission of Bendi yellow vein mosaic virus by two cryptic species of the whitefly, <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae). <i>3 Biotech</i> , 7:331 DOI 10.1007/s13205-017-0970-8.	7.50
2017	DINESH, D. T., ANANDA KUMAR, C T RAMACHANDRA, SHARANAGOUDA HIREGOUDAR AND UDAYKUMAR NIDONI. 2017. Modeling of process indices of Aloe vera gel extraction machine using artificial neural network. <i>Journal of Food Process Engineering</i> .40(5).	7.45
2017	PARVATHI, M.S. AND NATARAJA, K.N., 2017. Discovery of stress responsive TATA-box Binding Protein Associated Factor6 (TAF6) from finger millet ( <i>Eleusine coracana</i> Gaertn (L.)). <i>J. Plant Biol.</i> 60:335-342.	7.44
2017	SANGAMESH M. B., SHRIDHAR JAMBAGI, M. M. VASANTHAKUMARI, NITHIN J. SHETTY, HITESH KOLTE, G. RAVIKANTH, KARABA N. NATARAJA, R. UMA SHAANKER, 2017, Thermotolerance of fungal endophytes isolated from plants adapted to the Thar Desert, India, <i>Symbiosis</i> , <a href="https://doi.org/10.1007/s13199-017-0527-y">https://doi.org/10.1007/s13199-017-0527-y</a>	7.30
2017	RAHILA, M. P., B. SURENDRA NATH, N. LAXMANA NAIK, HEARTWIN A. PUSHPADASS, M. MANJUNATHA, MAGDALINEELJEEVAEMERLAD FRANKLIN, 2017. Rosemary ( <i>Rosmarinus officinalis</i> Linn.) extract: A source of natural antioxidants for imparting autoxidative and thermal stability to ghee. <i>Journal of Food Processing and Preservation</i> . DOI: 10.1111/jfpp.13443.	7.29
2017	PRATHIBHA P.S., SUBAHARAN, K. AND KUMAR, A.R.V., 2017. Toxicity and dissipation of soil insecticides applied in the management of arecanut white grub, <i>Leucopholis burmeisteri</i> Brenkse (Coleoptera: Scarabaeidae). <i>Phytoparasitica</i> . DOI 10. 1007/s12600-017-0579-9	7.03
2017	PRASANNA KUMAR, M. K., AMRUTA, N., MANJULA, C. P., PUNEETH, M. E. AND KALAVATHI TELI, 2017,	7.00

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	Characterisation, screening and selection of <i>Bacillus subtilis</i> isolates for its biocontrol efficiency against major rice diseases, <i>Biocon. Sci. Tech.</i> ,27(4): 581-599. DOI: 10.1080/09583157.2017.1323323.	
2017	DAI, W., ZAHNISER, J, N., VIRAKTAMATH, C.A. AND WEBB, M.D. 2017. Punctulini (Hemiptera: Cicadellidae) Deltocephalinae), a new leafhopper tribe from the Oriental region and pacific Islands. <i>Zootaxa</i> , 4226 (2), 229-248.	6.99
2017	VIRAKTAMATH, C.A. AND MESHARAM, N. 2017. A review of the coelidiine leafhopper genus Mahellus (Hemiptera: Cicadellidae: Coelidiinae) with description of two new species. <i>Zootaxa</i> 4258 (3), 271-280.	6.99
2017	RAMAKRISHNA CHOPPERLA, SONAM SINGH, SASMITAMOHANTY, NANJA REDDY, JASDEEP C. PADARIA1 AND AMOLKUMAR U. SOLANKE, 2017, Isolation and expression analysis of EcbZIP17 from differentfinger millet genotypes shows conserved nature of the gene. <i>3 Biotech</i> , 7 (342): 1-10.	6.99
2017	PANNURE, A., BELAVADI, V.V. AND CARPENTER, J.M., 2017. A new species of the genus <i>Discoelius</i> Latreille, 1809 (Hymenoptera: Vespidae: Eumeninae) from India. <i>Zootaxa</i> , 4272(4): 583-586.	6.99
2017	VEERESH KUMAR, GRIZWOLD, T., AND BELAVADI, V.V., 2017. The Resin and Carder bees of south India (Hymenoptera: Megachilidae: Anthidiini). <i>Zootaxa</i> , 4317(3): 436-468.	6.99
2017	DAI, W., ZAHNISER, J, N., VIRAKTAMATH, C.A. AND WEBB, M.D. 2017. Punctulini (Hemiptera: Cicadellidae) Deltocephalinae), a new leafhopper tribe from the Oriental region and pacific Islands. <i>Zootaxa</i> 4226 (2), 229-248.	6.99
2017	PRASANNA KUMAR, M. K., NARAYANAPPA AMRUTA, C. P. MANJULA, M. E. PUNEETH AND KALAVATHI TELI, 2017, Characterisation, screening and selection of <i>Bacillus subtilis</i> isolates for its biocontrol efficiency against major rice diseases, <i>Biocontrol Science and Technology</i> , DOI:10.1080/09583157.2017.1323323.	6.85
2017	SUMA H. K.,KUMAR V.,PATEL MOHANA KUMARA, AMITAVA SRIMANY,RAVIKANTH G.,PRADEEP T.,AND UMA SHAANKER R. 2017. Spatial and temporal distribution pattern of camptothecin in seeds and fruits of <i>Pyrenacanthavolubilis</i> Hook. (Icacinaceae) during different fruit developmental stages. <i>Current Science</i> , 112: 1034-1038	6.84
2017	JADHAV V, CHINNAPPA REDDY, B.V. AND GADDI, G.M. 2017, Application of ARIMA Model for Forecasting Agricultural Prices, <i>J. of Agril. Science &amp; Technology</i> .19 (5).	6.83
2017	MAHADEVAIAH, C, PRASANNA KUMAR, M.K. AND SHAILAJA HITTALMANI, 2017, A novel method for dissecting parameters associated with sheath rot ( <i>Sarocladium oryzae</i> [(Sawada) W. ams & D. Hawksw] disease in rice ( <i>Oryza sativa</i> L), <i>Current Science</i> , 112(1):151-155.	6.76
2017	MAMRUTHA HM, NATARAJA KN, RAMA N, KOSMA DK, MOGILI T, JHANSI LAKSHMI K, UDAYAKUMAR M, AND JENKS MA, 2017, Leaf surface wax composition of genetically diverse mulberry ( <i>Morus</i> sp.) genotypes and its close association with expression of genes involved in wax metabolism, <i>Current Science</i> 112(4):759-766	6.76

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	doi: 10.18520/cs /v112/i04/759-766.	
2017	TAPASYA, B. AND PRAKASH, N. B., 2017, Effect of silicon amendment on soil-cadmium availability and uptake in rice grown in different moisture regimes, <i>Journal of Plant Nutrition</i> , 40 (17):2440–2457,	6.75
2017	YOGENDRA N. D., B. H. KUMARA, CHANDRASHEKAR, N., PRAKASH, N. B., ANANTHA, M. S. AND H. E. SHASHIDHAR, 2017, Real time nitrogen management in aerobic rice by adopting leaf color chart (LCC) as influenced by silicon, <i>Journal of Plant Nutrition</i> , 40(9):1277-1286.	6.75
2017	VINAYA KUMAR H.M., SHIVAMURTHY M., AND LUNAGARIA M.M., 2017, Impact of rainfall variability and trend on rice yield in Coastal Karnataka. <i>Journal of Agrometeorology</i> .	6.64
2017	VENKATARAVANAPPA V, REDDY CNL, SWARNALATHA P, SHANKARAPPA KS, KRISHNA REDDY M., 2017, Detection and characterization of ‘Candidatus Phytoplasma asteris’ associated with little leaf disease of bitter gourd from India by 16S rRNA phylogenetic and RFLP (in vitro and virtual) analysis. <i>Arch. Biol. Sci.</i> , 69(4):707-714.	6.37
2017	MANJUNATH, N., RANGASWAMY, K.T., R.P. SAH, NAGARAJU ANDRUDRASWAMY, P. 2017, Characterization and identification of Bean common mosaic virus (BCMV) disease resistance. <i>Legume Res.</i> , ISSN:0976-0571	6.34
2017	KAILASH CHANDRA, NANDINI, R., GOBU R, PRANESH, CHITTI BHARATH KUMAR AND MUTHURAJU, R., 2017, Insight into floral biology and ancillary characteristics of underutilized Legume – Bambara groundnut ( <i>Vigna Subterranea</i> ), <i>Legume Res.</i> , 8(4) :3811; 1-6.	6.34
2017	MOHAN KUMAR, T.L. AND PRAJNESHU 2017. Nonlinear support vector regression model selection using particle swarm optimization algorithm, <i>Natl. Acad. Sci. Lett.</i> 40(2):78-85	6.33
2017	MAHADEVAIAH, C., SHAILAJA HITTALMANI, G. UDAY AND M. K. PRASANNA KUMAR, 2017. Genetic studies and identification of QTLs for sheath rot disease resistance in rice ( <i>Oryza sativa</i> L.), <i>Indian J. Genet.</i> , 77(4): 485-492 DOI: 10.5958/0975-6906.2017.00064.5.	6.32
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2019	RAMESHA V., KRISHNA NAIK, L. AND DEEKSHA RAJ, N., 2019, Effect of physiological parameters on the growth of <i>Fusarium</i> sp., <i>The Pharma Innovation Journal</i> , 8(1): 492-495.	5.03
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2020	SAMPANGIRAMAIAH, M.H., DEY, P., JAMBAGI, S., KUMARI, M.V., OELMÜLLER, R., NATARAJA, K.N., RAVISHANKAR, K.V., RAVIKANTH, G. AND SHAANKER, R.U., 2020, An endophyte from salt-adapted Pokkali rice confers salt-tolerance to a salt-sensitive rice variety and targets a unique pattern of genes in its new host. <i>Scientific Reports</i> , 10(1):1-14.	10.01

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2020	REDDY, S.H., SINGHAL, R.K., DACOSTA, M.V.J., KAMBALIMATH, S.K., RAJANNA, M.P., MUTHURAJAN, R., SEVANTHI, A.M., MOHAPATRA, T., SARLA, N., CHINNUSAMY, V., S, G.K., SINGH, A.K., SINGH, N.K., SHARMA, R.P., PATHAPPA, N. AND SHESHSHAYEE, S.M. (2020), Leaf mass area determines water use efficiency through its influence on carbon gain in rice mutants. <i>Physiol Plantarum</i> , 169: 194-213. doi:10.1111/ppl.13062	9.00
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2020	PRASANNAKUMAR, M. K., BUELA, P. P., MANJUNATHA, C., PRAMESH, D., NARAYAN, K. S., VENKATESH, G., BANAKAR, S. N., MAHESH, H. B., VEMANNA, R. S. AND RANGASWAMY, K. T., 2020, Rapid genotyping of bacterial leaf blight resistant genes of rice using loop-mediated isothermal amplification assay, <i>Mol. Biol. Rep.</i> , <a href="https://doi.org/10.1007/s11033-020-06077-z">https://doi.org/10.1007/s11033-020-06077-z</a>	8.11
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