

Publications of Faculty and Students of KAU - 2018

Sl. No.	Authors	Year	Title of paper	Journal published
1.	Naresh Babu P., Abida P. S., Beena R., Valsala P. A., Nazeem P. A	2018	Morpho-physiological and proteomic analysis to identify and characterise the traditional rice genotypes for drought tolerance	Indian Journal of Plant Physiology
2.	Manjesh S. and P. S. Abida	2018	In silico analysis of putative transcription factor binding sites in the promoter region of drought responsive bZIP1 gene in rice and its orthologue in Arabidopsis thaliana	<i>Journal of Tropical Agriculture</i>
3.	Geethu Gokul, Vimi Louis, P. M. Namitha, Deepu Mathew, D. Girija, M. R. Shylajaa. S. Abida. P. S	2018	Variability of <i>Pectobacterium carotovorum</i> causing rhizome rot in banana	<i>Biocatalysts and Agricultural biotechnology</i>
4.	Swapnil, G. W., P. Sindhumole, M. R. Shylaja, Deepu Mathew, Rose Mary Francies, P. S. Abida, and S. Sajini	2018	Analysis of simple sequence repeat (SSR) polymorphism between N22 and Uma rice varieties for marker assisted selection	<i>Electronic Journal of Plant Breeding</i>
5.	Vanaja, T., Neema, V.P., Mammootty, K.P., Balakrishnan, P.C., and Naik, J	2018	Saline and flood tolerant long duration organic rice variety (<i>Oryzasativa</i> L.), 'Ezhome -4'	International Journal of Tropical Agriculture
6.	Vanaja, T., Suresh, P.R. and Esakkimuthu, M	2018	Research efforts on coconut improvement at Regional Agricultural Research station, Pilicode.	<i>Indian Coconut Journal</i>
7.	Pallavi, V., and Abida P. S	2018	Identification of differentially expressed mRNA in black pepper (<i>Piper nigrum</i> , L.) genotype for tolerance	<i>Journal of Pharmacognacy and Phyrochemistry</i>
8.	Radha, T., Priyanka James, Simi, S., Sangeetha P. Davis, Nazeem,P.A., Shylaja, M.R. and Deepu Mathew	2018	Mango DB: A Database of Mango Varieties and Landraces of Indian Subcontinent	Current Science
9.	Akshay, T. Sajitha Rani and Ammu Punnoose	2018	Effect different organic nutrient schedules on quality parameters of chilli (<i>Capsicum annum</i>)	<i>Agric.Res.J</i>
10.	Karthikeyan. K, Prasad,	2018	Sex pheromone blends for rice	<i>Indian Journal of</i>

	A. R., Jyothi, K. N., Prasuna, A. L and Narayanankutty, M. C		caseworm, <i>Paraponyx stagnalis</i> Zeller	<i>Entomology</i>
11.	Karthikeyan. K	2018	Efficacy of new insecticides against major pests of rice	<i>Journal of Rice research</i>
12.	Mini,V. and Mathew U	2018	Spatial variability of soil fertility in a coconut based agro ecological unit in the sandy plains of Kerala, India	<i>An Asian Journal of soil Science</i>
13.	Niranjan, H.P, G Suja and Shobha, V B.	2018	Evaluation of the efficacy of new generation granular insecticides against Rice Yellow stem borer, <i>Scirphophaga incertulus</i> (walker) in Thiruvananthapuram District, Kerala, India	<i>Int. J Curr. Microbiol. App. Sci</i>
14.	Thomas, C. G. and Indulekha, V.P	2018	Utilization of water hyacinth as mulch in turmeric	<i>Journal of Tropical Agriculture</i>
15.	Aparna K.K, Menon, M.V, Joseph, J. and Prameela, P.	2018	Diversity of <i>Echinochloa</i> spp. In Palakkad rice tracts of Kerala	<i>Indian J. Weed Sci.</i>
16.	Devaraj, A.G, Prameela, K.P, Menon, M.V. and Bridgit, T.K.	2018	Compatibility of herbicides and insecticides for tank mix application in wet seeded rice	<i>J. Trop. Agric</i>
17.	Sreepriya, S. and Girija, T	2018	Seed priming for improving the weed competitiveness in sesame	<i>J. Crop Weed</i>
18.	Sreethu, M. J., Sindhu, P. V., Menon, M. V. and Thomas, C. G	2018	Performance of Kiriyath (<i>Andrographis paniculata</i> (Burm.f.) Wall. ex. Nees.) under different shade levels, dates of planting and mulching	<i>J. Trop. Agric</i>
19.	Antony, R., Joseph, J., Bastian, D. and Menon, M.V	2018	<i>In vitro</i> mutagenesis creates distinct morphological variants in cassava (<i>Manihot esculenta</i> Crantz): a characterization study	<i>Elec. J. Plant Breed</i>
20.	Vithya, R.S., Gopal, K.S., Sujatha, V.S., Devi, K.M.D. and Girija, D	2018	Abiotic stress tolerant <i>Trichoderma harzianum</i> strain for growth promotion and foot rot management in black pepper	<i>J. Plant. Crops</i>
21.	Anusree,S.S., Nisha,M.S and Sheela,M.S	2018	Evaluation of <i>Quisqualis indica</i> and <i>Samadera indica</i> as botanical pesticides against <i>Spodoptera litura</i> in Polyhouse	<i>Indian J. Entomol</i>
22.	Geethumol Thankappan and P.Anitha	2018	Effect of sources of coconut water and acidulants on physico-chemical properties of <i>nata-de-coco</i>	<i>Journal of Tropical Agriculture</i> 56(2):206 - 209,
23.	Gracy Mathew, Abhimanue T.R., Ancy Joseph	2018	Standardisation of seedling production in Thaathiri (<i>Woodfordia fruticosa</i>) (L.) Kurz	<i>Indian Journal of Scientific Research.</i> 19 (1): 23-27

24.	Gracy Mathew & Ancy Joseph.	2018	A promising vetiver accession for coastal sandy tract of Kerala	Indian Journal of Arecanut, Spices and Medicinal plants. 20 (1): 10-13
25.	Gracy Mathew and Ancy Joseph	2018	A promising vetiver accession for coastal sandy tract of Kerala	<i>Indian Journal of Arecanut, Spices and Medicinal plants</i>
26.	C.Umesh, U. Sreelatha, P.SainamoleKurian and C.Narayanankutty	2018	Evaluation of African marigold (<i>Tagetes erecta</i> L.) genotypes for yield and resistance to bacterial wilt pathogen, <i>Ralstoniasolanacearum</i>	<i>Journal of Tropical Agriculture</i>
27.	Rini, C.R., Ramya, J., Jayakumar, G. and Shajan V.R	2018	Low Cost Carrier Material for Mass Production of Trichoderma Inoculants	<i>J. of Trop. Agric</i>
28.	Vijayakumar B. Narayanapur, B. Suma and J. S. Minimol.	2018	Self-incompatibility: a pollination control mechanism in plants	<i>Int. J. Plant Sci</i>
29.	Minimol, J. S., Suma, B., Chithira, P. G., Shahanas, E. and Juby Baby.	2018	Genetic analysis for yield and contributing characters of new cocoa hybrids	<i>Res. J. Agric. Sci</i>
30.	Pradeepkumar, T., Minimol, J. S., Deepu Mathew., Veni, K., Varun Roch, C., Chithira, P. G. and Rajeshwary Unni	2018	Development of CSMS system in ridge gourd (<i>Luffa acutangula</i> Roxb. L.) for production of F ₁ hybrids.	<i>Euphytica</i>
31.	Bini Sam, Hameeda Bindu Vahab and S. Regeena	2018	Assessment of ergonomic parameters of coconut climbing devices for women	Current Science
32.	Minimol, J. S., Suma, B., Juby Baby. and Simya, V. S.	2018	Drought mitigation in cocoa	<i>Cashew and Cocoa J</i>
33.	Minimol, J. S., Suma, B., Jayasree, P. A., Chithira, P. G., Sunil, R., Deepu, M., and Midhuna, M. R.	2018	Phenotyping of vascular streak dieback disease (VSD) resistant gene in auspicious genotype by employing molecular marker systems	<i>Int. J. Microbiol. Res</i>
34.	R. S Maheswari., B. Suma and K. T Presannakumari	2018	Morphological and biochemical characterization of long pepper (<i>Piper longum</i> L.) genotypes from Western Ghats regions of Kerala	<i>India. J. Trop. Agric</i>
35.	Sobhana, A.	2018	Innovative Technologies for processing of cashew apple on commercial scale	<i>The Cashew and Cocoa Journal</i>
36.	Raju Parshuram Naik	2018	Agripreneurs of KAU Technology: An	Contemporary

	and S.Helen.		Analytical Study on Entrepreneurial Behaviour	Research in India
37.	Raju Parshuram Naik and S.Helen .	2018	Constraints Faced by Agripreneurs in Adopting KAU Technology	Journal of Extension Education
38.	Raju Parshuram Naik and S.Helen .	2018	Socio – economic factors affecting entrepreneurial behaviour of agripreneurs of KAU technology	Agriculture Update
39.	Sheeja K Raj and Elizabeth K Syriac	2018	Bioassay for the detection of penoxsulam + cyhalofop butyl residue in soil	Journal of Crop and Weed-14 (1): 188-194
40.	Sheeja K Raj and Elizabeth K Syriac	2018	Herbicide mixtures effect on weed seed bank in direct seeded rice	Indian Journal of Weed Science-50 (1):64-68
41.	Arya S.R., Elizabeth K Syriac and Sheeja K Raj	2018	Bioassay for detecting flucetosulfuron residue in wet land rice soils	Journal of Crop and Weed-14 (1): 212-219
42.	Dally George, Girijadevi.L and Sheeja K Raj	2018	Magnesium fertilization for yield enhancement in directed seeded rice	Journal of Crop and Weed-14 (2): 195-198
43.	Suman.B.M, Sheeja K Raj and Prathapan.K	2018	Effect of nutrient levels and schedule of nutrient application on the grain quality of upland rice intercropped in coconut	Journal of Applied and Natural Science-10 (3): 910-914
44.	Suman.B.M, Sheeja K Raj , Prathapan.K, Elizabeth K Syriac and Radhakrishnan.N.V	2018	Effect of nutrient levels and nutrient schedules on physiological parameters and grain yield of upland rice intercropped in coconut garden	Journal of Applied and Natural Science-10 (3): 964-970
45.	Suman.B.M and Sheeja K Raj	2018	A review on Zinc and Boron nutrition in rice	Journal of Applied and Natural Science-10 (4): 1180-1186
46.	Dally George, Girijadevi.L and Sheeja K Raj	2018	Response of direct seeded rice to magnesium sulphate fertilization	Trends in biosciences-11 (30): 3606-3611
47.	Sathyan T, Aswathy K Mohanan, Dhanya M K, Aswathy T S, Preethy T T and Murugan M	2018	Impact of pink pigmented facultative methylotrophic bacteria and synthetic materials on small cardamom (<i>Elettaria cardamomum</i> Maton.) under drought	<i>The pharma innovation</i>
48.	Aswathy T. S, Dhanya M K, Johnny J, Sathyan T, Preethy T T, Murugan M	2018	Effect of biofertilizers and organic supplements on the growth of black pepper rooted cuttings (<i>Piper nigrum</i> L.)	<i>Int. J. Chem. Stud.,</i>
49.	Preethy T T, Aswathy T S, Sathyan T, Dhanya M K, Murugan M	2018	Performance, diversity analysis and character association of black pepper (<i>Piper nigrum</i> L.) accessions in the high altitude of Idukki district, Kerala	<i>Journal of Spices and Aromatic Crops</i>
50.	Dhanya M K, Murugan	2018	Management of <i>Fusarium</i> rot in	Indian Journal of Plant

	M, Deepthy K B, Aswathy T S, Sathyan T		small cardamom	Protection
51.	Vishnu B.R., Kumar, V., Joseph, B., Rani, B., John, J. and Meera, M.	2018	Nutrient release pattern under long term permanent fertilizer application system in rice.	<i>International Journal of Agricultural Sciences</i> 10 (10): 6147-6149
52.	Bashma, E. K., Sudha, B., Sajitharani, T., and Radhakrishnan, N. V.	2019	Growth, nutrient uptake, yield and quality parameters of <i>Nendran</i> banana (<i>Musa sp.</i>) as influenced by combined application of soil and foliar nutrition	Accepted for publication in <i>Journal of Tropical Agriculture</i> , KAU
53.	John, J. and Shirmila, G.J.	2019	Allelopathic effect of fresh leaf loppings of multipurpose trees	<i>Indian Forester</i>
54.	R. Pandiselvam, M.R. Manikantan, Anjineyulu Kothakota, G.K. Rajesh, Shameena Beegum, S.V. Ramesh, V. Niral & K.B. Hebbar	2018	Engineering properties of five varieties of coconuts (<i>Cocos nucifera</i> L.) for efficient husk separation	Journal of Natural Fibers
55.	Nukasani Sagarika, M.V.Prince, Anjineyulu Kothakota, R. Pandiselvam, R.Sreeja & Santhi Mary Mathew	2018	Characterisation and optimization of microwave assisted process for extraction of Nutmeg mace essential oil	Journal of Essential Oil Bearing Plants
56.	K. Venkata Sai and Asha Joseph	2018	Trend Analysis of Rainfall of Pattambi Region, Kerala, India	International Journal of Current Microbiology and Applied Sciences
57.	B.J. Chethan and B. Vishnu	2018	Determination of the Geomorphologic Parameters of the Thuthapuzha River Basin in Central Kerala, India, Using GIS and Remote Sensing	International Journal of Current Microbiology and Applied Sciences
58.	Uday Bhanu Prakash and D. Sasikala	2018	Regional Groundwater Resource Modelling Using Modflow in West Godavari District	International Journal of Current Microbiology and Applied Sciences
59.	V. Tejaswini and K.K. Sathian	2018	Calibration and Validation of Swat Model for Kunthipuzha Basin Using SUFI-2 Algorithm	International Journal of Current Micro Biology and Applied Sciences
60.	V. Tejaswini and K. K. Sathian	2018	Assessment of hydrological processes in a small watershed using SWAT	International Journal of Agricultural Engineering
61.	Josephina Paul.	2018	Change Detection of Remote Sensing Images using Levy Flight PSO	International Journal of Advanced Research in Computer Science
62.	Josephina Paul.	2018	Change Detection using Undecimated Wavelet Transform Fusion and Genetic Algorithm	International Journal of Emerging Technology and Advanced Engineering

63.	Jinu A. and Abdul Hakkim V.M	2018	Performance of a low cost automation system for greenhouse cooling	International Journal of Current Research
64.	Rani R. Unnithan, N. Thammaiah, M. S. Kulkarni and p. M. Gangadharappa	2018	Physiological studies of colletotrichum musae the causal agent of anthracnose disease of banana	International journal of plant protection
65.	Suma Nair and Ramachandran, V.R	2018	How Mechanical Bund Formation Affects the Shear Strength of Bunds: A Study in Paddy Wetlands.	Int.J.Curr.Microbiol.Ap p.Sci
66.	Suma Nair and Ramachandran, V.R.	2018	A Comparison of Engineering Properties of Soils in Two <i>Kolepadavus</i> of the <i>Kole</i> Lands of Kerala.	Int. J. Eng. Sc. Comp
67.	Beena, C., Kanakamany, M.T. and Sindhu, P.V	2018	Quality evaluation of important ayurvedic raw drug Brahmi (<i>Bacopa monnieri</i>)	<i>International Journal of Tropical Agriculture-36(3): 649-652.</i>
68.	C.Beena	2018	Phenol content and total <i>in vitro</i> antioxidant capacity of the roots of different <i>Plumbago</i> species found in Kerala	<i>International journal of tropical agriculture-36(3).2018.653-655.</i>
69.	A.Suma, RM.Franceis, VV.Radha krishnan , C Beena and IS Bisht	2018	Consumer preference: Crucialin determining the grain type richness in rice varieties grown across Kerala	<i>Ind.J.Plant Genetic Resources-31(2),178-184(2018).</i>
70.	Gayathri, P. and Kanakamany, M.T.	2018	Influence of storage environment and packing materials on seed germination and viability of <i>Desmodium gangeticum</i> (L.) DC.	Open access journal of medicinal and aromatic plants-vol 9(1):.23-33
71.	Sindhu, P.V., Kanakamany, M.T. and Beena, C.	2018	Herbage yield and quality of Neel as influenced by shade level and planting dates	Open access journal of medicinal and aromatic plants-vol 9(1):12-17.
72.	C.Beena ,M.T.Kanakamany and P.V.Sindhu	2018	Evaluation of Important Ayurvedic Raw Drug Brahmi (<i>Bacopa monnieri</i>)	Open access <i>journal of medicinal and aromatic plants-Vol .9(1):18-22(2018).</i>
73.	Sindhu,PV, Kanakamany MT and Beena C	2018	Herbage yield and quality of Neel as influenced by shade level and planting dates	Open access <i>journal of medicinal and aromatic plants-vol 9(1):12-17(2018).</i>
74.	Binseena, S. R., Anitha, N., Paul, A., Amritha, V. S. and Anith, K. N	2018	Management of rice weevil, <i>Sitophilusoryzae</i> using essential volatile oils	<i>Entomon</i>
75.	Divya K. K., Amritha V. S., Aparna B. and Devanesan S	2018	Biochemical and antioxidant properties of honey from <i>Tetragonulairidipennis</i> (Smith) of	<i>Indian Journal of Entomology</i>

			Southern Kerala	
76.	Divya K. K., Amritha V. S., and Devanesan S	2018	Morphometrics of Stingless bee in Southern Kerala	<i>Indian Journal of Entomology</i>
77.	Anusree,S.S., Nisha,M.S and Sheela,M.S	2018	Evaluation of <i>Quisqualis indica</i> and <i>Samadera indica</i> as botanical pesticides against <i>Spodoptera litura</i> in Polyhouse	<i>Indian J. Entomol</i>
78.	Anjali K., Ameena M. and Nimmy Jose.	2018	Morphological characterization of weedy rice morphotypes of Kerala	Indian Journal of Weed Science
79.	Jose, N., Abraham,C.T., Mathew,R. and Leenakumari S	2018	Novel weed wiper for the management of weedy rice	<i>Indian Journal of Weed Science</i>
80.	Isaac, S. R	2018	Nutrient management in elephant foot yam (<i>Amorphophallus paeniifolius</i> Dennst. Nicolson) with vermicomposted leaf litter	<i>J.Res. ANGRAU</i>
81.	Anjaly V. and Sheeba Rebecca Isaac	2018	Nodulation and nutrient uptake in grain cowpea (<i>Vigna unguiculata</i> L. Walp) under varying levels of Phosphorus, Potassium and Zinc.	<i>Int. J. Agric. Sci</i>
82.	Issac, S. R., Pushpakumari. R and Varghese Janova	2018	Structural diversity, leaf litter recycling and allelopathic influences of leaf litter in an agroforestry homefarden of southern Kerala	<i>Int. J. Farm Sci.</i>
83.	Renjan, B. and George, S.	2018	Effect of tillage, water regimes and weed management methods on weeds and transplanted rice	<i>Indian J. Weed Sci</i>
84.	Anjali, K., Ameena, M., and Jose, N.	2018	Morphological characterization of weedy rice morphotypes of Kerala	<i>Indian J. Weed Sci</i>
85.	Arya, S.R., Syriac, E. K., and Raj, S. K.	2018	Bioassay for detecting flucetosulfuron residue in wetland rice soils	<i>J. Crop and Weed</i>
86.	Raj, S. K. and Syriac, E. K.	2018	Herbicide mixtures effect on weed seed bank in direct-seeded rice	<i>Indian J. Weed Sci</i>
87.	Renjan, B. and George, S	2018	Management of blood grass (<i>Isachne miliacea</i> Roth ex Roemet Schult) in wetland rice	<i>J. Trop. Agric</i>
88.	Suman,B.M.,Raj,S.K., Prathapan,K., Syriac,E.K., and Radhakrishnan,N.V	2018	Effect of nutrient levels and nutrient schedule on physiological parameters and grain yield of upland rice intercropped in coconut garden	<i>J. Appl. Nat. Sci.</i>
89.	Renjan, B.and Sansamma George	2018	Effect of tillage, water regimes and weed management methods on weeds and transplanted rice	<i>Indian J. Weed Sci</i>
90.	Anusree, S. S., Nisha, M. S., and Sheela, M. S	2018	Evaluation of <i>Quisqualis indica</i> and <i>Samadera indica</i> Gaertn as botanical	<i>Indian J. Entomol</i>

			pesticides against <i>Spodoptera litura</i> (F.) in polyhouse	
91.	Mohan, M. and Anitha, N	2018	Antixenosis effect of tomato cultivars to American serpentine leaf miner <i>Liriomyza trifolii</i> (Burgess).	<i>J. Entomol. Zool. Stud</i>
92.	Mohan, M. and Anitha, N	2018	Evaluation of tomato cultivars for field tolerance to American serpentine leaf miner, <i>Liriomyza trifolii</i> (Burgess).	<i>J. Entomo. Res.</i>
93.	Narayana, R., Thomas, S., and Sheela, M. S	2018	Management of root-knot nematode <i>Meloidogyne incognita</i> infecting black pepper	<i>Indian J. Nematol</i>
94.	Sreelakshmi, P., Mathew, T. B., Kumar, R. J., and Paul, A	2018	Synergist induced susceptibility of tobacco caterpillar, <i>Spodoptera litura</i> (Fabricius) from Kerala, India exposed to conventional insecticides	<i>Phytoparasitica</i>
95.	Thamilarasi, N., Paul, A., George, T., Mathew, T. B., Kumar, N. P., and Kumar, V. S	2018	Spinosad and indoxacarb residues in cowpea under polyhouse condition.	<i>Pestic. Res. J.</i>
96.	Varsha, V. and Anitha, N	2018	A new report of natural infestation of <i>Fusarium solani</i> on banana rhizome weevil, <i>Cosmopolites sordidus</i> Germer from Kerala	<i>Pest Manag. Hortic. Ecosyst</i>
97.	Beevi, S. N., Paul, A., George., T., Pratheeshkumar, N., Xavier, G and Raj., VRS	2018	Dissipation of chlorpyrifos and profenophos in cabbage (<i>Brassica oleraceae</i> var. <i>capitata</i> L.).	<i>Pesticide Research Journal</i>
98.	Kumar, N. S., Joseph, B., Jaslam, M. P.K.	2018	Growth and instability in area, production, and productivity of Cassava (<i>Manihot esculenta</i>) in Kerala	<i>Int. J. Adv. Res. Ideas Innovations Technology</i>
99.	Jaslam, M. P.K, Joseph, B, Lazarus, P. T., and Rakhi, T	2018	Determination of optimum crop mix for crop cultivation in Kerala homesteads	<i>Indian J. Agric. Res</i>
100.	Vishnu, B.R., Kumar, V., Joseph, B., Rani, B., John, J., and Meeramohan	2018	Nutrient release pattern under long term permanent fertilizer application system in rice.	<i>Int. J. Agric. Sci</i>
101.	Megha. S. Karthikeyan and Suma Divakar	2018	Standardization of a banana peel based sauce	<i>International Journal of Food Science & nutrition</i>
102.	Aiswarya, L. and Divakar, S.	2018	Impact of cluster bean consumption on hyperlipidemia and hyperglycemia	<i>International Journal of Food Science and Nutrition</i>
103.	Karthikeyan, M. S. and	2018	Standardization of a banana peel based	<i>Int. J. FoodSci. Nurt</i>

	Divakar, S		sauce	
104.	Karthikeyan, M., and Divakar, S	2018	Development of value added products from banana peel	<i>Indian J. Sci. Res</i>
105.	Anith, K. N., Aswinia, S., Varkey, S., Radhakrishnan, N. V., Deepa, S. N.	2018	Root colonization by the endophytic fungus <i>Piriformosporaindica</i> improves growth, yield and piperine content in black pepper (<i>Piper nigrum</i> L.).	<i>Biocatalysis Agric. Biotechnol</i>
106.	Jisha, S., Gouri P. R., Anith, K. N., and Sabu, K. K.	2018	<i>Piriformospora indica</i> cell wall extract as the best elicitor for asiaticoside production in <i>Centella asiatica</i> (L.) urban evidenced by morphological, physiological and molecular analyses.	<i>Physiol. Mol. Plant Pathol</i>
107.	Jisha, S., Gouri, P. R., Anith, K. N., and Sabu, K. K.	2018	Stress analysis and cytotoxicity in response to the biotic elicitor <i>Piriformosporaindica</i> and its cell wall extract in <i>Centella asiatica</i> L.	<i>Urban Physiol. Mol. Plant Pathol</i>
108.	Johnson, J. M., Thürich J., Petutschnig, E. K., Altschmied, L., Meichsner, D., Sherameti, J., Dindas, J., Mrozinska, A., Paetz, C., Scholz, S., Furch, A., Lipka, V., Hedrich, R., Schneider, B., Svatoš, A., and Oelmüller, R.	2018	A poly(A) ribonuclease controls the celotriose-based interaction between <i>Piriformospora indica</i> and its host.	<i>Plant Physiol</i>
109.	Johnson, J.M., Ludwig, A., Furch, A.C.U., Mithofer, A., Scholz, S., Reichelt, M. and Oelmüller, R	2018	The beneficial root-colonizing fungus <i>Mortierella hyaline</i> promotes the aerial growth of Arabidopsis and activates calcium-dependent responses which restrict <i>Alternaria brassicae</i> -induced disease development in roots	<i>Molecular Plant Microbe Interactions</i>
110.	Vahabi, K., Reichelt, M., Johnson, J.M., and Oelmüller, R.	2018	<i>Alternariabrassicae</i> induces systemic jasmonate responses in Arabidopsis which travel to neighboring plants via a <i>Piriformospora indica</i> hyphal network and activate abscisic acid responses.	<i>Front in Plant Sci</i>
111.	Rao, G. P., Madhupriya, and Johnson, J.M.	2018	Detection and identification of four 16Sr subgroups of phytoplasm as associated with different legume crops in India	<i>Eur.J. Plant Pathol. DOI 101007/s10658-017-1278-6</i>
112.	Beela, G.K	2018	Elimination of sugar rich	<i>Food Science Research</i>

			confectioneries in children with ADHD symptamatology	<i>Journal</i>
113.	Beela, G.K,	2018	Assistive Technology in gardening for children with disability undergoing horticulture Therapy	<i>Research Reach journal</i>
114.	Anila. H.L and Divakar, S.	2018	Functional properties of raw jackfruit based textured vegetable protein	<i>International journal of food science & Nutrition</i>
115.	Brinda G B and Sussha S. Thara	2018	Variability of paddy straw mushroom collections from southern Kerala	<i>J. Trop. Agric</i>
116.	Kiran, G. V. N. S., Thara, S. S., and Brinda, G. B.	2018	In vitro efficiency of fungicides against <i>Alternaria brassicicola</i> causing Alternaria leaf spot of cabbage.	<i>Int. J. Current Microbiol. App. Sci.</i>
117.	Aparna, K. P. and Girija, V. K.	2018	Effect of biofumigation with plant extracts on mycelial growth and sclerotial germination of <i>Rhizoctonia solani</i> causing collar rot and web blight of cowpea	<i>Int.J.Curr.Microbiol.App p.Sci</i>
118.	Aparna, K. P. and Girija, V. K	2018	Efficacy of plant oils and oil cakes against <i>Rhizoctonia solani</i> kuhn causing collar rot and web blight of cowpea under <i>in vitro</i> conditions	<i>Int.J. Curr. Microbiol. App. Sci.</i>
119.	Seeja, G., Sreekumar, S., Biju, C. K., and Arya, K.	2018	Inbreeding and in vitro seed germination in <i>Spathoglottis albida</i> Kraenzl.	<i>J. Agric. Vet.Sci.</i>
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124.	Menon, J.S	2018	Crop production profile of garlic in the rain shadow region of Idukkidt., Kerala	<i>J. Pl. Development Science</i>
125.	Ranasalva, N. and Sudheer, K.P	2018	Effect of Pre- treatment on quality parameters of vaccum fried riped	<i>Journal of Tropical Agriculture</i>

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126.	Saranya,S. and Sudheer K.P	2018	Development of fortified banana pseudostem juice powder utilizing spray drying technology	<i>Journal of Tropical Agriculture</i>
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133.	Thushara T Chandran & Mini C	2018	Aloe vera gel as an edible film for shelf life extension of firm ripe tomato	<i>Trends in Biosciences</i>
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144.	Sonia, N.S., Jessykutty, P.C. and Sreekala, G.S.	2018	Effects of pre treatments and drying methods on nutrient composition and sensory quality of milk yam (<i>Ipomoea digitata</i> L.) tuber powder	<i>Int. J.f Processing Post harvest Tech.</i>
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