

Publications of Faculty and Students of KAU - 2017

Sl. No.	Authors	Year	Title of paper	Journal published
1.	Sunayana, S., Meera Manjusha, A.V., Rajagopalan A. and Madala,A	2017	Effect of Growth retardants (Alar and Cycocel) on flower yield and carotenoid content in African Marigold (<i>Tagetuserecta</i> L.) varieties	<i>J. Trop. Agric</i>
2.	Nabarun, Roy, P. A. Nazeem and P. S., Abida	2017	Comparative docking studies to prove the accuracy of computational tools for recognizing the inhibitory action of garlic (<i>Allium sativum</i> L.) on diabetes	<i>International Journal of Chemical Studies</i>
3.	Abida, P. S., Preethy, T. T., Baveesh, P., Faseela, K. V., Sindhumole, P., Narayanankutty, M. C. and Subramanyam, D	2017	Phenotypic evaluation of rice genotypes for high temperature stress for combating future climate change	<i>Trends in Biosciences</i>
4.	Veenakumari and Suma Divakar	2017	Quality analysis of raw jackfruit based noodles Asian	journal of Dairy & Food Research 36(1) 45-56
5.	Sudharmaidevi,C.R., Thampatti, K.C.M and N.Saifudeen	2017	Rapid production of organic fertilizer from degradable waste by thermo chemical processing	International Journal of Recycling of Organic Waste in Agriculture (2017) 6:1–11
6.	Modem Ravikishore and B. Seema	2017	Research Note: A scale to measure attitude of Extension Professionals towards technology dissemination system of State Department of Agriculture	Indian Res. J. Ext. Edu.17(1)
7.	Neethu Chandra. C, Roy Stephen, R. V. Manju, Niya Celine, Shabana. R., and Anila Abhilash	2017	TGMS line EC 720903 as a suitable female parent to Kerala through phonological study	The Journal of Plant Science Research. 32(2): 115-119
8.	Nabarun, R., Nazeem, P. A., Babu, T. D., Abida, P. S., Arunaksharan, N., Ravisankar, V., Valsala, P. A. and Achuthan, C. R	2017	EGFR gene regulation in colorectal cancer cells by garlic phytochemicals with special emphasis on S-Allyl-L-Cysteine Sulfoxide	<i>Interdiscip. Sci. Comput. Life Sci.</i> 245(8) 2301-2311
9.	Vidyasagan, K. and Vikas Kumar.	2017	Evaluation of municipal garbage as a component of potting media for economically important timber species seedlings for afforestation in tropics,	Journal of Environmental Biology, 38: 8-14
10.	Muhammed Iqbal, A;Vidyasagan, K and	2017	Host specificity of some wood-decaying fungi in moist deciduous forests of	Threatened taxa, Vol.9 pp

	Narayan Ganesh,P		Kerala, India	10096–10101
11.	Ahish Aex and K. Vidyasagan.	2017	The hosts, anatomy and utilization of the commercially exploited parasitic herb <i>Balanophora fungosa</i> var. <i>indica</i> in the Western Ghats region of Kerala, India	The Biosacan ,12(3): 1573-1578
12.	Alex, A. and Vidyasagan, K.	2017	The hosts, anatomy and utilization of the commercially exploited parasitic herb <i>Balanophora fungosa</i> var. <i>indica</i> in the Western Ghats region of Kerala, India.	The Biosacan, 12(3): 1573-1578
13.	Anju, S., Anoop, E.V., Vijayan, A.S. and Vidyasagan, K.,	2017	Ecoanatomical characterisation of a true mangrove, <i>Aegiceras corniculatum</i> Blanco, found in the West Coast of India.	Journal of Tropical Agriculture, 54(2), p.115.
14.	Anoop, E.V., Jijeesh, C.M., Jinu, S., Vishnu, R. and Anish, M.C.	2017	Identification and Characterization of Tension Wood in <i>Acacia auriculiformis</i> A. Cunn. ex Benth. and <i>Acacia mangium</i> Willd. Grown in Kerala. In Wood is Good.	Springer, Singapore. pp. 153-159. DOI: 10.1007/978-981-10-3115-1_15
15.	Jose, S., Walter, D. and Kumar, B.M.	2017	Ecological considerations in sustainable silvopasture design and management. Agroforestry systems	Springer, The Netherlands. Impact Factor 1.17. DOI 10.1007/s10457-016-0065-2.
16.	Manohar, K.A., Ramachandran, A., Syamili, M.S., Sreekumar, E.R., Mohan, N., Anjali, J., Reddy A. and Nameer, P.O.	2017	Birds of the Kerala Agricultural University campus, Thrissur District, Kerala, India - an update.	Journal of Threatened Taxa, 9(8): 10585–10612; http://doi.org/10.11609/jott.2455.9.8.10585-10612
17.	Ramanan, S.S. and Kunhamu, T.K.	2017	Need and scope for agroforestry in Disaster Management Plan for Animals.	Annals of Plant Sciences. 6.10 (2017) pp. 1694-1697.
18.	Kumar, D. K., Deepu, M., Nazeem, P. A., Abida, P.S., Thomas, G. C. and Valsala, P. A	2017	A comparative proteome assay on the quality of yardlong bean pods as influenced by the organic and inorganic nourishment systems	Acta Physiologiae Plantarum., 39:265-277
19.	Devi Lakshmi, S., P.A. Nazeem., A. Narayanankutty., M.R. Shylaja., Sangeetha P. D., Priyanga J., Ravisankar V., T.D. Babu., Achuthan C. R.	2017	Coconut phytochemicals inhibit polyol pathway enzymes: Implication in prevention of microvascular diabetic complications	<i>Prostaglandins, Leukotrienes and Essential Fatty Acids</i>
20.	Kumar M., Priyanka J., M.R. Shylaja., P.A.	2017	Gingerol for cancer therapy- an <i>in silico</i> approach	<i>World Journal of Pharmaceutical and</i>

	Nazeem			<i>Life Sciences</i>
21.	Kumara M., Shylaja M.R., Nazeem P.A., Babu T	2017	Gingerol is the most Potent Anticancerous Compound in Ginger (<i>Zingiber officinale</i> Rosc.)	<i>Journal of Developing Drugs</i>
22.	Shana Harshan and Suma Divakar	2017	Optimisation of dehydrated jack seed crisp using response surface methodology with the interaction of freezing time, blanching time and moisture level for better rehydration properties	<i>International Journal of Food Science and Nutrition</i>
23.	Navya, K. M. Sunil, P. S. Abida, V. Thulasi and E. K. Kurien	2017	Screening of High Temperature Stress Tolerance in Popular Rice Varieties of Kerala Using DSSAT Model	<i>Trends in Biosciences</i>
24.	Manjesh, S., Abida, P. S., Valsala, P. A., Rosemary, F. and George, T	2017	Identification and characterization of differentially expressed genes responsible for drought tolerance in rice mediated by <i>Pseudomonas fluorescens</i>	<i>Rice Science</i>
25.	Karthikeyan. K, Prasad, A. R., Jyothi., K. N., Prasuna., A. L and Narayanankutty, M. C	2017	Sex pheromones - common cue for two lepidopteran pests in rice	<i>Journal of entomological Research</i>
26.	Moossa, P. P., Thulasi, V., Raji. P. and Narayanankutty, M. C	2017	Modification of planting geometry to exploit border effect for yield improvement in rice	<i>International journal of Agricultural Science and Research</i>
27.	Thomas, A.T., Thomas, D., Thomas, M., and Thomas, C.G	2017	Water- weed interactions in aerobic rice	<i>Journal of Tropical Agriculture</i>
28.	Saakre, M., Baburao, T.M., Salim,A.P., Francies,R.M., Achuthan, P.A., Thomas, C.G. and Sivaraja, S.R	2017	Identification and characterization of genes responsible for drought tolerance in rice mediated by <i>Pseudomonas fluorescens</i>	<i>Rice Science</i>
29.	Sekhar, L., Thomas, C.G., and Sindhu, P.V.	2017	Weed management in elephant foot yam [<i>Amorphophallus paeoniifolius</i> (Dennst.) Nicholson]	<i>Journal of Tropical Agriculture</i>
30.	Shamla, K., Sindhu, P. V., and Menon, M. V.	2017	Effect of weed management practices on growth and yield of okra (<i>Abelmoschus esculentus</i> (L.) Moench.)	<i>Journal Tropical Agriculture</i>
31.	Aparna, K. K., Menon, M. V., and Prameela, P	2017	Efficacy of pre and post emergence herbicides on <i>Echinochloa</i> spp	<i>Journal of Tropical Agriculture</i>
32.	Punnoose, A. and Anitha, S	2017	Biochar on the growth and yield performance of Amaranth (<i>Amaranthus tricolor</i> L.).	<i>Trends Biosci</i>
33.	Atheena, A., Prameela, P., and Menon, M. V.	2017	Tank mix application of cyhalofop - butyl with selected herbicides for weed control in wet -seeded rice	<i>Indian Journal Weed Science</i>

34.	Aparna K.K, Menon, M.V. and Prameela, P	2017	Efficacy of pre and post emergence herbicides on Echinochloa spp	<i>J. Trop. Agric</i>
35.	Shamla K., Sindhu, P.V. and Menon, M.V.	2017	Effect of weed management practices on growth and yield of okra (<i>Abelmoschus esculentus</i> (L.) Moench.).	<i>J. Trop. Agric</i>
36.	Devi, K.M.D., and Amritha, K	2017	Effect of pre and post emergence herbicides on microbial biomass carbon and dehydrogenase activity in soils	<i>J. Trop. Agric.</i>
37.	Devi, K.M.D., Abraham, C.T. and Shitha, C.R.	2017	Impact of glyphosate and chlorpyrifos on chemical and biological properties of a lateritic soil	<i>Pesticide Res. J.</i>
38.	Jacob, G., Menon, M.V. and Abraham, C.T	2017	Herbicidal management of Chinese sprangletop (<i>Leptochloa chinensis</i>) in direct seeded rice	<i>Indian J. Weed Sci.</i>
39.	Atheena A, Prameela P. and Menon, M.V.	2017	Tank mix application of cyhalofop-butyl with selected herbicides for weed control in wet-seeded rice	<i>Indian J. Weed Sci</i>
40.	Nisha, M.S. and Sheela, M.S	2017	Effect of fungal egg parasite, <i>Paecilomyces lilacinus</i> (Thom.) Samson on <i>Meloidogyne incognita</i> in brinjal	<i>Indian J. Nematol</i>
41.	Nisha, M.S. and Nimisha, A.M	2017	Impact of mulching of green leaves for the management of nematodes associated in banana	<i>Madras Agric. J</i>
42.	Nisha, M.S., Remya, V.S. and Remya, P.S.	2017	Management of root-knot nematode, <i>Meloidogyne incognita</i> (Kofoid & White) Chitwood in bittergourd using bioagents and organic amendment	Current Nematology
43.	Sury Raj and P.Anitha	2017	Effect of growing conditions on growth and herbage yield of coriander	Journal of Tropical Agriculture 55(2):200 -204
44.	Raj, T. R. and Kurian, P.S.	2017	Effect of foliar treatments on non-target microorganisms on the phylloplane of cucumber (<i>Cucumis sativus</i> L.) In	In 'Mainstreaming Biodiversity for Sustainable Development' NBC 2017, p. 89 – 96
45.	C. Narayanankutty., U Sreelatha. and K.P.Prameela	2017	Variance components and correlation of economic traits in tropical cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>)	Indian J.Agric
46.	Narayanankutty. C, Sreelatha.U and Prameela .K.P	2017	Variance components and correlation of economic traits in tropical Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>)	Indian J. agric. Sci. 87 (2) : 240-244
47.	Narayanankutty. C, Sreelatha. U & K.P. Prameela	2017	Mulching and fertigation studies in Okra (<i>Abelmoschus esculentus</i>)	Indian Journal of Agricultural Sciences
48.	K. Jessy Joseph , Cyril	2017	Variation in the composition of volatile aroma compounds from the flowers of	Journal of Biology and Nature 7(3):

	Augustine, D. K. Jose and D. Ambikadevi		Jasminum sambac in response to the attack of Hendecasis duplifascialis (Lepidoptera: pyraustidae)	112-117
49.	Raj, S.K. and Syriac, E.K.	2017	Weed management in direct seeded rice- A review	Agric. Rev. 38 (1): 41-50
50.	Reshmy Vijayaraghavan, Vimi Louis, Sally K. Mathew, Fridin Davis, Anjaly Varghese and Dilna	2017	In planta studies on Downy Mildew disease of bitter gourd using fungicides and bioagents	Int. J. Curr.Microbiol. App. Sci.6 :(3) 945-950
51.	Deepa James and Sally K. Mathew	2017	Compatibility studies on different endophytic microbes of tomato antagonistic to bacterial wilt pathogen	International Journal of Advanced Biological Research
52.	Vikram H.C.Mini raj,N,Krishnan ,S	2017	Investigations on developing key for identification of elite nutmeg tree	Journal of Plantation Crops 44(3):126-129
53.	Praveen, N. M., Reshmy Vijayaraghavan and Ajith Kumar.	2017	Symptomatology, characterisation and management of root rot disease of gerbera	International Journal of Advanced Biological Research
54.	Sujith, S. Sajeevkumar, J. S. Minimol, P. M. Ajmal, B. Suma.	2017	Diversity analysis of KAU released cocoa (<i>Theobroma cacao</i> L.) varieties based on morphological parameters	<i>J. Trop. Agric</i>
55.	Pradeepkumara,T., Bonny, B. P., Midhilaa ,R., John, J. , Divyaa ,M.R. and Rocha, V.	2017	Effect of organic and inorganic nutrient sources on the yield of selected tropical vegetables	<i>Scientia Horticulturae</i> 224: 84-92.
56.	Ponnusamy, K., Bonny, Bino P. and Das, Manju Dutta.	2017	Impact of public private partnership model on women empowerment in agriculture	<i>Indian Journal of Agricultural Sciences.</i> 87 (5): 613-7
57.	Peter, K.V, Bonny, Bino P., George, S., and Shaji, S.	2017	Climate Resilient Horticultural Crops of Future	<i>International Journal of Innovative Horticulture</i> 6(2):99-104
58.	Sreejith, R. and Bonny, Bino P.	2017	Adoption behavior of organic pepper farmers in Idukki district.	<i>Journal of Tropical Agriculture.</i> 55(2): 1
59.	John, S. Z., Bonny, Bino P. and Sureshkumar, P.K.	2017	Impact of institutionalization of labour through labour banks on the rice farming sector in Kerala	<i>Advance Research Journal of Social Sciences</i> 08(2):222-228
60.	Sheeja K Raj and Elizabeth K Syriac	2017	Weed management in directed seeded rice - A review	Agricultural reviews. 38 (1):41-50
61.	Sheeja K Raj, Elizabeth K Syriac, Anith K.N and Meenakumari.K.S	2017	Compatibility of bio-control agents and N fixing organisms with post mergece pre-mix herbicide –bispyribac sodium+metamifop	Journal of Applied and Natural Science. 9 (3): 1510-1514

62.	Sheeja K Raj and Elizabeth K Syriac	2017	Herbicidal effect on the bioindicators of soil health -A review	Journal of Applied and Natural Science- 9 (4):2438-2448
63.	Naveen Lino, Sheeja K.Raj and Leenakumari.S	2017	Effect of crop customized fertilizer mixture on yield components of rice in the Kuttanad low lands	Journal of Trends in Biosciences - 10 (12): 2188 -2192
64.	Sheeja K Raj, Elizabeth K Syriac and Geetha D	2017	Non target effect of herbicide mixtures on the mycelial growth of <i>Rhizoctonia solani</i> Kuhn	Journal of Tropical Agriculture - 55 (2):214-219
65.	Sheeja K Raj and Elizabeth K Syriac	2017	Nutrient availability and nutrient uptake as influenced by the post emergence application of herbicide mixtures	Journal of Tropical Agriculture - 55 (2): 152-160
66.	Sheeja K Raj and Elizabeth K Syriac	2017	Detection of bispyribac sodium + metamifop 14% SE residue in soil by bioassay method	Indian Journal of Weed Science- 49 (1): 70-74
67.	Sheeja K Raj and Elizabeth K Syriac	2017	Impact of herbicide mixtures on earthworm population, organic carbon content and B glucosidase enzyme activity in soil	Indian Journal of Weed Science - 49 (2):159-164
68.	Nadiya Kollakkodan, K.N.Anith and N.V.Radhakrishnan	2017	Diversity of endophytic bacteria from Piper spp. with antagonistic property against <i>Phytophthora capsici</i> causing foot rot disease in black pepper <i>Piper nigrum</i> L.	Journal of Tropical Agriculture-55(1): 63-70
69.	Deepthy K B, Sunil Joshi, Manoj V S, Dhanya M K, Maya T, Kuriakose K P, Krishnaprasad K P	2017	A new report of the myrmecophilous root mealy bug <i>Xenococcus annandalei</i> Silvestri (Rhizoecidae: Hemiptera)- a devastating pest	Entomon
70.	Murugan M, Ravi R, Anandhi A, Sajan Kurien and Dhanya M. K	2017	Pesticide use in Indian cardamom needs change in cultivation practices	<i>Current science</i>
71.	Aswathy T S, Jintu Johny, Dhanya M K, Sathyan T, Preethy T T and Murugan M	2017	Effect of biofertilizers and organic supplements on general and beneficial microbial population in the rhizosphere of black pepper cuttings (<i>Piper nigrum</i> L.)	<i>International Journal of Chemical Studies</i>
72.	Dhanya M. K, Murugan M, Anjumol K. B and Meena Kumari K.S	2017	Efficacies of fungicides and biocontrol agents on the management of rot disease of small cardamom	<i>Journal of Mycology Plant Pathology</i>
73.	Sathyan, T, M K. Dhanya, T T. Preethy, T S. Aswathy and M. Murugan.	2017	Relative efficacy of some newer molecules against thrips, <i>Scirtothrips dorsalis</i> Hood (Thysanoptera: Thripidae) on rose	<i>Journal of Entomology and Zoology Studies</i>
74.	Sathyan T, Dhanya M K, Aswathy T S, Preethy T T,	2017	Contribution of weather factors to the population fluctuation of major pests on	<i>Journal of Entomology and</i>

	Manoj V S, Murugan M		Small Cardamom (<i>Elettaria cardamomum</i> Maton).	<i>Zoology Studies</i>
75.	K.H Ajisha., C.L Sharon., E.R Aneena., Seeja.Thomachan Panjikkaran	2017	Quality evaluation of raw jack fruit and rice based vermicelli	Contemporary Research in India
76.	Sruthy T. P. and Seeja Thomachan	2017	Nutritional and organoleptic qualities of Grand Naine banana chips	Journal of Home Science
77.	Pradeepkumar, T., Bino, P.B., Midhila, R., John, J., Divya, M.R. and Roch, C.V.	2017	Effect of organic and inorganic nutrient sources on the yield of selected tropical vegetables.	<i>Scientia Horticulturae</i> 224: 84 -92
78.	Karthika, S.R., Sajeena, A., Girija, V.K., John, J. and Heera, G	2017	Antifungal activities of organic preparations, botanicals and non-hazardous chemicals against <i>Rhizoctonia solani</i> Kuhn causing sheath blight of rice	<i>Journal of Tropical Agriculture</i> 55(1):104-113
79.	Jaslam, P.K.M., Brigit, J., Kumar, V., John, J. and Paul, L. (2017).	2017	Mathematical programming models for optimum enterprise combination in the homesteads of southern laterite agro ecological unit.	<i>Journal of Experimental Biology and Agricultural Sciences</i> 5 (6): 831-839
80.	Leno, N., Sudharmaidevi, C. R., and Meera, A. V.	2017	Fertility evaluation and manurial effect of organic manure produced from degradable solid waste by rapid conversion technology	<i>Advances in Life Sciences</i> 5(11):4433-4436
81.	Meera. A.V., Thampatti, K.C.M., and Leno, N.	2017	Macrophytes having lead role in the phytofiltration of nickel (Ni) and chromium (Cr) from a fresh water ecosystem, Vellayani lake, Trivandrum, India.	<i>Trends in Biosciences</i> 10(24): 5056-5061
82.	Rajesh, G. K., Thirupathi, V., Anjineyulu Kothakota, Ravi Pandiselvam and Gowthami. K	2017	Development of Biodegradable Film based on Banana Flour- Plasticizer for Quality Packaging of Food Products, <i>Vegetos</i>	<i>International Journal of Plant Research</i>
83.	Rasmi Janardhanan, Rajesh G.K	2017	Optimisation of Blanching Time for Cassava – Pre-Treatment for Thermal Processing	International Journal of Engineering Science and Computing
84.	Asha Joseph and D. Tamilmani	2017	Markov Chain Model of weekly rainfall probability and dry and wet spells for agricultural planning in Coimbatore in western zone of Tamil Nadu	Indian Journal of Soil conservation
85.	Anu Varughese and Hajilal M.S	2017	Assessing long term climate trends of Bharathapuzha Basin, Kerala, India	International journal of Ecology and Environmental

				Sciences
86.	Lakshminarayana, S.V., Sathian K. K.,	2017	Assessment of Performance of Upward Flow Micromesh Filters of Different Mesh Sizes under Actual Rainfall Condition	Research Journal of Agricultural Sciences
87.	Lakshminarayana, S.V., Sathian K. K	2017	Performance Evaluation of First Flush with Micromesh Filter System under Actual Rainfall Condition	International Journal of Microbiology and Applied Sciences
88.	Lakshminarayana, S.V., Sathian K. K	2017	Development of an automatic cleaning mechanism for the mesh filter of roofwater harvesting	International Journal of Current Micro Biology and Applied Sciences
89.	Amretha Krishnan A.K, Manshooba P.M, Sa- adaAbdurahiman, Saroop C.L and Jayan,P.R	2017	Development and testing of a power operated coconut oil expeller	Int.Journal of Engineering Research and Application
90.	Rajesh A N and Jayan P R.	2017	Evaluation of manual and mechanical seed bed preparation for paddy in salt affected soils of Kaipad	Trends in Biosciences
91.	Devi, V. S.; S; Geetha, k.; Mathew, R.	2017	Acidity amelioration for rice yield enhancement in acid sulphate (<i>vaikom kari</i>) soils of kuttanad in kerala	Journal of crop and weed
92.	Devi V. S. And Dr. O. Kumari Swadija	2017	Effect of acidity amelioration practices on micronutrient availability for rice in vaikom kari soils of kuttanad	International journal of applied and pure science and agriculture (ijapsa)
93.	Rani R. Unnithan, N. Thammaiah, m. S. Kulkarni and p. M. Gangadharappa	2017	Survey for the intensity of anthracnose disease of banana caused by colletotrichum musae in northern parts of Karnataka	International journal of plant protection
94.	Rani R. Unnithan and N. Thammaiah	2017	Isolation, identification and proving the pathogenicity of banana anthracnose pathogen colletotrichum musae	international journal of plant protection
95.	Anu G. Krishnan., Jayalakshmi G., Suman K. T. and Ashly V. Thomas.	2017	Variability in physic chemical characters of mango genotypes collected from Kuttanad tracts of Kerala.	<i>Indian J. Hort.</i>
96.	S. M. Charan, Saji Gomez., Sheela, K. B., Pushpalatha, P. B. and Suman, K. T.	2017	Effect of storage conditions and duration on quality of passion fruit (<i>Passiflora edulis Sims.</i>) nectar.	<i>Asian J. Dairy and Fd. Res.</i>
97.	P.V.Swathy Lakshi, A.Prema,T.K. Ajitha and T.Pradeepkumar.	2017	Economic feasibility of poyhouse vegetable cultivation in Kerala	J. of Tropical agric.
98.	P. Rajasree, A. Prema, K. Ajith Kumar, P. Indiradevi	2017	Supply chain management in horticultural nursery business	J. of Tropical agric.
99.	Amogh P.Kumar, T.Paul	2017	Impacts of climate change on	J.Indian bot.Soc.

	Lazarus, A.M. Santha , A. Prema		agriculture:Mitigation and adaptation strategies –a review	
100.	Suma Nair and Ramachandran, V.R.		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
101.	Muhammed, U.P.F., Sindhu, P. V., and Thomas, C. G	2017	Organic mulches for weed management in homesteads	<i>Indian Horticulture Journal</i> 7(1):94-96
102.	C.Beena	2017	Assessment of the heavy metal content in traded herbal raw drug sida roots from Kerala market	... <i>International journal of tropical agriculture</i> -35(2).293-296.2017.
103.	C.Beena	2017	Evaluation of Phenol content and total <i>in vitro</i> antioxidant capacity of the roots of different <i>Sida</i> species found in.Kerala	<i>International journal of tropical agriculture</i>
104.	S.Chandraprabha, Sharon CL, Seeja T, Aneena ER and Beena C	2017	Development and nutritional qualities of vermicelli prepared from barnyard millet and ekanayakam root bark	<i>Journal of Pharcognosy and phytochemistry</i> -6(6),2359-2362 (2017).
105.	Preethy, T.T., Elsy, C.R. and Beena, C.	2017	Biochemical characterization of betelvine land races of malappuram district Kerala	Ind J of Arecanut spices and medicinal plants-19(2)15-18
106.	Karthika, S.R., Sajeena,A., Giriya, V.K. , Jacob John and Heera, G	2017	Antifungal activities of organic preparations, botanicals and nonhazardous chemicals against <i>Rhizoctonia solani</i> Kuhn causing sheath blight of rice	<i>Journal of Tropical Agriculture</i>
107.	Nisha, M.S. and Sheela,M.S	2017	Effect of fungal egg parasite, <i>Paecilomyces lilacinus</i> (Thom.) Samson on <i>Meloidogyne incognita</i> in brinjal	<i>Indian J. Nematol</i>
108.	Nisha, M.S. and Nimisha,A.M	2017	Impact of mulching of green leaves for the management of nematodes associated in banana	<i>Madras Agric. J.</i>
109.	Nisha, M.S., Remya, V.S. and Remya, P.S.	2017	Management of root-knot nematode, <i>Meloidogyne incognita</i> (Kofoid & White) Chitwood in bittergourd using bioagents and organic amendment	Current Nematology
110.	Ashiba.A and Anilkumar.A.S.	2017	Growth Indices and dry matter production and partitioning in ashwagandha as Influenced by integrated nutrient management practices and summer irrigation	International Journal for Scientific Research & Development
111.	Arya, S. R. and Ameena, M	2017	Efficacy of new generation herbicides for weed management in dry direct seeded system of rice	<i>Ann. Agric. Res</i>

112.	Devi, V. S., Swadija, O. K.	2017	Effect of acidity amelioration practices on micronutrient availability for rice in vaikom kari soils of Kuttanad (Kerala).	<i>Int. J. Appl. Pure Sci. Agric</i>
113.	Devi, V. S., Swadija, O. K., and Mathew, R	2017	Acidity amelioration for rice yield enhancement in acid sulphate(vaikom kari) soils of Kuttanad in Kerala	<i>J. Crop Weed</i>
114.	Isaac, S. R. and Varghese, J.	2017	Effect of leaf litter mulch on the sprouting and early growth in tuber crops	<i>J. RuralAgric. Res</i>
115.	Isaac, S. R. and Dickson, V. J.	2017	Effect of nutrient management on the productivity of minisett raised elephant foot yam [<i>Amorphophallus paeoniifolius</i> (Dennst.) Nicholson] intercropped in banana.	<i>J. Root Crops</i>
116.	Isaac, S. R. and Varghese, J.	2017	Effect of leaf litter mulch on the sprouting and early growth in tuber crops	<i>J. RuralAgric. Res</i>
117.	Karthikeyan, G. P., George, S., and Chithrma, C.R	2017	Nutritive value and safety of greater club rush as livestock feed	<i>Indian J. Weed Sci</i>
118.	Karthikeyan, G.P. and George, S	2017	Allelopathic Effect of Greater club rush on rice and weedy rice	<i>Trends Biosci</i>
119.	Raj, K. S. and Syriac, E. K	2017	Weed management in direct seeded rice: A review.	<i>Agric. Rev</i>
120.	Raj, S. K. and Syriac, E. K	2017	Nutrient availability and nutrient uptake as influenced by the post emergence application of herbicide mixtures	<i>J. Trop. Agric</i>
121.	Raj, S. K., Syriac, E. K., and Geetha, D.	2017	Non target effects of herbicide mixtures on the mycelia growth of <i>Rhizoctonia solani</i> Kuhn	<i>J. Trop. Agric</i>
122.	Raj, S. K., Syriac, E. K., Anith, K.N., and Meenakumari, K. S	2017	Compatibility of biocontrol agents and N fixing organisms with post emergence pre-mix herbicide – bispyribac sodium + metamifop 14% SE	<i>J. Appl. Nat. Sci.</i>
123.	Shimi, G.J. and Sheela, K.R	2017	Nutrient use efficiency as influenced by irrigation and nutrient management in banana under precision farming	<i>Int. J. of Agric. Environ. Res</i>
124.	Vattakunnel, P. R., Sheela, K.R., and Rani, S. T.	2017	Economic evaluation of precision farming practices in banana	<i>Res. J. Agric. Sci.</i>
125.	Shimi, G. J. and Sheela, K. R	2017	Influence of irrigation and nutrient management on fruit quality in banana "Nendran" under precision farming	<i>Asian J. Biol. Life Sci</i>
126.	Karthikeyan, G. P. and Goerge, Sansamma.	2017	Allelopathic effect of greater clubrush on rice and weedy rice	Trends in Biosciences 10(3): 1099-1102
127.	Babu, C. P. and Narayana,	2017	Morphological and morphometric	... <i>Curr. Nematol</i>

	R		characterization of root-knot nematodes from cardamom in Idukki district of Kerala, India	
128.	George, T., Paul, A., Kumar, S. V., Pratheeshkumar, N., and Xavier, G	2017	Dissipation kinetics and risk assessment of carbendazim in tomato (<i>Lycopersicon esculentum</i> Mill)	<i>Pestic. Res. J.</i>
129.	Mohan, M. and Anitha, N.	2017	Management of American serpentine leaf miner, <i>Liriomyza trifolii</i> (Burgess) on tomato. <i>Pest Manage</i>	<i>Hortic. Ecosyst</i>
130.	Narayana, R., Babu, C. P., and Thomas, S	2017	Record of root knot nematode, <i>Meloidogyne incognita</i> infecting <i>Celosia Plumosa</i> in Kerala	<i>Pest Manag. Hortic. Ecosyst</i>
131.	Narayana, R., Sheela, M. S., and Thomas, S	2017	Management of root-knot nematode <i>Meloidogyne javanica</i> infecting cardamom.	<i>Indian J. Nematol</i>
132.	Nisha, M. S. and Nimisha. A. M	2017	Impact of mulching of green leaves for the management of nematodes associated with banana	<i>Madras Agric. J</i>
133.	Nisha, M. S. and Sheela, M. S	2017	Effect of fungal egg parasite, <i>Paecilomyces lilacinus</i> (Thom.) Samson on <i>Meloidogyne incognita</i> in brinjal	<i>Indian J. Nematol</i>
134.	Rabeesh, T. P, Sumesh. S, Karmaly, K. A., and Shanas. S	2017	Diversity of ants in kuttanad region of Kerala, India	<i>J. Entomol. Zool. Stud.</i>
135.	Sivakumar, T., Joseph Rajkumar, A., and. Anitha, N.	2017	First report of tomato pinworm, <i>Tuta absoluta</i> (Meyrick) on eggplant <i>Solanam melongena</i> L. from Kerala, India	<i>Entomon</i>
136.	Sreelakshmi, P., Mathew, T. B., Muralikrishna, P., and Paul, A.	2017	Insecticide resistance in field populations of tobacco caterpillar, <i>Spodoptera litura</i> (Fabricius) (Lepidoptera : Noctuidae).	<i>Entomon</i>
137.	Varkey, S., Anith, K. N., Narayana, R., and Aswini, S	2017	A consortium of rhizobacteria and fungal endophyte suppress the root-knot nematode parasite in tomato	<i>Rhizosphere</i>
138.	Lovely, B. and Vijayaraghava Kumar	2017	Construction of selection indices based on yield related traits for ash gourd (<i>Benincasa hispida (cogn.)</i> genotypes	<i>Int. J. Res. Appl. Nat. Social Sci</i>
139.	Mathew, Jeena and Vijayaraghava Kumar	2017	Dynamics and nutrient release pattern of silica sources in a typical entisol of tropical humid region of Kerala	<i>Commun. Soil Sci. Plant Anal.</i>
140.	Amogh, P.K, Paul L.T., Santha, A.M. ,Joseph, Band Manju, R.V	2017	Impact of climate change on black pepper production in Idukki and Wynad districts of Kerala	<i>Int. J.Curr. Res</i>
141.	Jaslam, M. P.K., Joseph, B., Liz, J.,Mampallil, and Vishnu, B.R	2017	Land utilization under homesteads in Kerala	<i>Int. J.Curr. Microbiol. Appl. Sci</i>

142.	Jaslam, M. P.K., Joseph, B, Kumar, V., John, J., Lazarus,P. T.	2017	Mathematical programming models for optimum enterprise combination in the homesteads of southern laterite agro ecological unit	<i>J.Exp. Biol. Agric. Sci</i>
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144.	Harshan,S. and Divakar, S	2017	Optimisation of dehydrated jack seed crisp using responsesurface methodology with the interaction of freezing time, blanching time and moisture level forbetter rehydration properties	<i>Int. J. of Food Sci.Nutr</i>
145.	Thara, C. M. and Divakar, S.	2017	Assessment of nutritional status of PCOS women in Kerala	<i>Int. J. App. Home Sci.</i>
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151.	Brinda, G.B., Thara, S. S. and Divakar, S	2017	Nutritional analysis and organoleptic evaluation of paddy straw mushroom (<i>Volvariella</i> sp.)	<i>Food Sci. Res. J</i>
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154.	Radhika, N.S. and Umamaheswaran, K	2017	Occurrence and distribution of viral diseases of bittergourd (<i>Momordica charantia</i> L.) in major cultivated areas of	<i>Int. J. Appl.Pure Sci. Agric</i>

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