

List of the Research Papers published for the last five years

| SL No. | Title of the Paper | Name of the Author/s | Name of Journal | Year of publication |
|--------|---|---|--|---------------------|
| 1. | Two new species of <i>Tripogon</i> (Poaceae:Chloridoideae:Tripogoninae) from India | Thoiba lottekkattu, K.M. Manudev & A.K. Pradeep | <i>Phytotaxa</i> | 2016 |
| 2. | Lectotypification of three names in the genus <i>Henckelia</i> Spreng. (Gesneriaceae). | Janeesha A.P. & Santhosh Nampy | <i>Phytotaxa</i> | 2016 |
| 3. | A taxonomic revision of <i>Pollia</i> (Commelinaceae) in India with six lectotypifications. | Jameera A., Santhosh Nampy & A.P. Janeesha | <i>Phytotaxa</i> | 2016 |
| 4. | Lectotypification of <i>Arisaema consanguinum</i> | Manudev K.M. & Santhosh Nampy | <i>Candollea</i> | 2016 |
| 5. | Heavy metal detoxification mechanisms in halophytes: an overview | Palliyath Sruthi, Abdul Majeed Shackira & Jos T. Puthur | <i>Wetlands Ecology and Management</i> | 2016 |
| 6. | GABA/BABA priming: a means for enhancing abiotic stresstolerance potential of plants with less energy investmentson defence cache | Vijayakumari, K. Jisha K. C. & Jos T Puthur | <i>Acta Physiologia Plantarum</i> | 2016 |
| 7. | Arbuscular mycorrhizal association enhances drought tolerance potential of promising bioenergy grass (<i>Saccharum arundinaceum</i> retz.) | P. P. Mirshad & Jos T. Puthur | <i>Environmental Monitoring Assessment</i> | 2016 |
| 8. | Optimization of parameters for the production of cellulase from <i>Achromobacter xylosoxidans</i> BSS4 by solid-state fermentation | Hareesh, E. S., Faisal, P. A., & Benjamin, S. | <i>Electronic journal of Biology</i> | 2016 |

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| 9. | <i>Pseudomonas aeruginosa</i> strain BUP2, a novel bacterium inhabiting the rumen of Malabari goat, produces an efficient lipase | Unni, K. N., Priji, P., Sajith, S., Faisal, P. A., & Benjamin, S. | <i>Biologia</i> | 2016 |
| 10. | Surface interaction and corrosion inhibition of mild steel in hydrochloric acid using pyoverdine, an eco-friendly bio-molecule | Shainy, K. M., Ammal, P. R., Unni, K. N., Benjamin, S., & Joseph, A. | <i>Journal of Bio-and Tribo-Corrosion</i> | 2016 |
| 11. | Type 2 pyoverdine from <i>Pseudomonas aeruginosa</i> strain BUP2 as turn-off biosensor for the rapid detection of iron and copper ions in contaminated water | Unni, Kizhakkepowathial Nair, Prakasan Priji, Sreedharan Sajith, Panichikkal Abdul Faisal, Karippayi Mattil Shainy, Abraham Joseph, Moolath Girish Babu & Sailas Benjamin. | <i>Journal of microbiology and biotechnology</i> | 2016 |
| 12. | <i>Achromobacter denitrificans</i> SP1 efficiently utilizes 16 phthalate diesters and their downstream products through protocatechuate 3, 4-cleavage pathway. | Benjamin, S., Kamimura, N., Takahashi, K., & Masai, E. | <i>Ecotoxicology and environmental safety</i> | 2016 |
| 13. | Fungal Planet description sheets: 469–557 | P.W. Crous,....., K. P. Deepna Latha, K. N. Anil Raj, P. Manimohan et al. | <i>Persoonia</i> | 2016 |
| 14. | Three new species of <i>Entoloma</i> subgenus <i>Nolanea</i> from India based on morphology and molecular phylogeny | K. N. Anil Raj & P. Manimohan | <i>Phytotaxa</i> | 2016 |
| 15. | <i>Inocybe gregaria</i> , a new species of the Inosperma clade from tropical India | K. P. Deepna Latha & P. Manimohan | <i>Phytotaxa</i> | 2016 |
| 16. | <i>Tubaria keralensis</i> , a new species of <i>T. furfuracea</i> complex from tropical India | K. P. Deepna Latha, Neeraja K. Paramban & P. Manimohan | <i>Phytotaxa</i> | 2016 |

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| 17. | Fungal diversity notes 367-490: taxonomic and phylogenetic contributions to fungal taxa | Kevin D. Hyde,....., K. N. Anil Raj, P. Manimohan et al | <i>Fungal Diversity</i> | 2016 |
| 18. | Fungal Planet description sheets: 400–468 | P.W. Crous,....., K. P. Deepna Latha, P. Manimohan et al. | <i>Persoonia</i> | 2016 |
| 19. | A new species of <i>Inocybe</i> representing the <i>Nothocybe</i> lineage | K. P. Deepna Latha P. Manimohan & P. Brandon Matheny | <i>Phytotaxa</i> | 2016 |
| 20. | Apoptotic induction via membrane/DNA damage and metabolic inactivation by synthetic food colorants in <i>Allium cepa</i> root meristem | Prajitha, V. and Thoppil, J. E. | <i>Turkish Journal of Biology</i> | 2016 |
| 21. | Cytotoxic and Apoptotic Activities of Extract of <i>Amaranthus spinosus</i> L. in <i>Allium cepa</i> and Human erythrocytes. | Prajitha, V. & Thoppil, J. E. | <i>Cytotechnology</i> | 2016 |
| 22. | Cytotoxicity, Apoptotic activity and phytochemical analysis of rhizome extract of <i>Amomum pterocarpum</i> Thwaites. | Sinitha & Thoppil, J. E. | <i>Journal of chemical and pharmaceutical science</i> | 2016 |
| 23. | Growth maximization and carbon dioxide assimilation studies of <i>Protococcus</i> species grown under culture conditions using Bolds Basal medium. | S. Menon & Harilal, C.C. | <i>Journal of Algal Biomass Utilization.</i> | 2016 |
| 24. | Surveillance of water quality in pursuit of mangrove afforestation along the coastal and inland aquatic environments of Malappuram District, Kerala, India. | Shilna E.P., Sajith, U. & Harilal C.C. | <i>International Research Journal of Environmental Sciences</i> | 2016 |
| 25. | Surveillance on the tolerance limit of <i>Sonneratia alba</i> Sm. to certain hydrogeochemical parameters from heterogeneous natural habitats of Kerala, South India. | Neethu G. Pillai & Harilal C.C. | <i>International Research Journal of Biological Sciences</i> | 2016 |

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| 26. | Genus <i>Ensete</i> (Musaceae) in India | Alfred Joe, Sreejith P.E. & M. Sabu | <i>Telopea. J. Pl. Syst</i> | 2016 |
| 27. | Reproductive Biology of <i>Dillenia suffruticosa</i> (Griffith) Mertelli with emphasis on Protrandry. | Aswani, K., M. Sabu & K.P. Smisha | <i>Bangladesh J. Bot</i> | 2016 |
| 28. | Microbial lipases– properties and applications | Priji, P., Sajith, S., Faisal, P. A., & Benjamin, S. | <i>Journal of Microbiology, Biotechnology and Food Sciences</i> | 2019 |
| 29. | <i>Impatiens roingensis</i> (Balsaminaceae): a new species from northeast India | Hareesh V.S., Alfred Joe, P. Prashob & M. Sabu | <i>Webbia</i> | 2016 |
| 30. | <i>Didymocarpus moellerii</i> (Gesneriaceae): a new species from northeastern India. | Alfred Joe, V.S. Hareesh, P. Prashob & M. Sabu | <i>Phytotaxa</i> | 2016 |
| 31. | The identity of <i>Musa kattuvazhana</i> (Musaceae) with reduction of <i>Musa acuminata</i> subsp. <i>burmannica</i> and <i>Musa banksii</i> var. <i>singampatti</i> as its synonyms | Alfred Joe, P.E. Sreejith & M. Sabu | <i>Webbia</i> | 2016 |
| 32. | <i>Impatiens pseudocitrina</i> (Balsaminaceae), a new species from Arunachal Pradeash, Northeastern India | Hareesh V.S., R. Gogoi & M.Sabu | <i>Phytotaxa</i> | 2016 |
| 33. | Analyses between Reproductive Behavior, Genetic Diversity and Pythium Responsiveness in <i>Zingiber</i> spp. Reveal an Adaptive Significance for Hemiclonality | Geethu E.T., Kiran A.G., Leslie A., M. Sabu & George T | <i>Front. Plant Sci</i> | 2016 |
| 34. | <i>Curcuma caesia</i> rhizomes: Evaluation antiasthmatic effect by using clonidine induced mast cell granulation | Aslam R. Pathan, G. Vadnare & M. Sabu | <i>Neuro Pharmac J</i> | 2016 |
| 35. | Chennellu- a resistant variety of traditional rice cultivar in Kerala against bacterial blight | Showmy, k. S. & Yusuf A. | <i>International Journal of Current Research</i> | 2016 |

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| 36. | Differential expression of Cyclophilin 1 and Cyclophilin 2 genes under salinity stress in some native rice cultivars of North Kerala, India | Joseph E.A., Radhakrishnan V.V. & Mohanan K.V | <i>International Journal of Plant Breeding and Genetics</i> | 2016 |
| 37. | Performance evaluation of some native rice cultivars of the kaippad farming system of Kerala State of India | Chandramohan K.T., Radhakrishnan V.V. & Mohanan K.V. | <i>Universal Journal of Agricultural Research</i> | 2016 |
| 38. | A study on the genetic variability and genetic control of the important morphometric characters of <i>Curcuma aeruginosa</i> Roxb | Soorya V., Radhakrishnan V.V. & Mohanan K.V. | <i>Journal of Non-Timber Forest Products</i> | 2016 |
| 39. | A study on the genetic variability of West Indian arrowroot (<i>Maranta arundinacea</i> L.) in Kerala State of India | Shintu P.V., Radhakrishnan V.V. & Mohanan K.V. | <i>Agriculture, Forestry and Fisheries</i> | 2016 |
| 40. | <i>Isodon villosus</i> (Nepetoideae, Lamiaceae), a new species from Guangxi, China | Chen, Y-P, Xiang, C-L, Sunojkumar. P & H. Peng | <i>Phytotaxa</i> | 2016 |
| 41. | A Checklist of the Genus <i>Pogostemon</i> Desf. in Southern Western Ghats | K. Shinoj, K.P. Vimal & P. Sunoj Kumar | <i>South Indian Journal of Biological sciences</i> | 2016 |
| 42. | <i>Plectranthus anamudianus</i> (Lamiaceae): a new species from Western Ghats, India | Smitha. K & Sunojkumar. P | <i>Phytotaxa</i> | 2016 |
| 43. | Enhanced phytostabilization of cadmium by a halophyte— <i>Acanthus ilicifolius</i> L. | AM Shackira & Jos T Puthur | <i>International Journal of Phytoremediation</i> | 2016 |
| 44. | <i>Pseudomonas</i> sp. BUP6, a novel isolate from Malabari goat produces an efficient rhamnolipid type biosurfactant | Priji, P., Sajith, S., Unni, K. N., Anderson, R. C., & Benjamin, S. | <i>Journal of basic microbiology</i> | 2016 |
| 45. | Variation in total polyamine content in some native rice cultivars of North Kerala, India in response to salinity stress | Abhilash Joseph E., Radhakrishnan V.V. & Mohanan K.V., | <i>International Journal of Agriculture, Environment and Biotechnology</i> | 2016 |

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| 46. | A study on the genetic control and potential of the important agronomic characters of <i>Maranta arundinacea</i> l. | Shintu P.V., Radhakrishnan V.V. & Mohanan K.V. | <i>International Journal of Current Research</i> | 2016 |
| 47. | Cardamom - Properties, Products and Uses | Radhakrishnan V.V. & Mohanan K.V. | <i>Journal of Non-Timber Forest Products</i> | 2016 |
| 48. | Characterization of four new landraces of cardamom | Akhila P. Ravindran, Radhakrishnan V.V., Pradipkumar K. & Mohanan K.V., | <i>Indian Journal of Arecanut, Spices and Medicinal Plants</i> | 2016 |
| 49. | Effect of the status of planting material on growth and yield characters of Travancore starch plant (<i>Curcuma aeruginosa</i> L.) | Soorya V., Radhakrishnan V.V. & Mohanan K.V | <i>Journal of Non-Timber Forest Products</i> | 2016 |
| 50. | Influence of different host associations on glutamine synthetase activity and ammonium transporter in <i>Santalum album</i> L. | Yusuf A. & Deepa P | <i>Physiology and molecular biology of plants</i> | 2016 |
| 51. | <i>Osbeckia walkeri</i> Arn.(Malastomataceae): A new record from Southern Western Ghats, India. | K.H. Amitha Bachan & A.K. Pradeep | <i>International Journal of Advanced Research</i> | 2017 |
| 52. | Cuticular features of selected species of <i>Ammania</i> , <i>Rotala</i> and <i>Nesaea</i> (Lythraceae) in South India. | K.M Lemiya & A.K. Pradeep | <i>International Journal of Current Research</i> | 2017 |
| 53. | <i>Eragrostis paniciformis</i> (Poaceae): A new record for Asia from Kerala, India. | J.F. Veldkamp, Thoiba Kottekkattu & A.K. Pradeep | <i>Rheedea</i> | 2017 |
| 54. | <i>Eriocaulon idukkianum</i> , a new tuberous species of Eriocaulaceae from Southern Western Ghats, India | Manudev K.M., A.J. Robi & Santhosh Nampy. | <i>Phytotaxa</i> | 2017 |
| 55. | Second-step lectotypification of three names of Araceae from India | Manudev K.M. & Santhosh Nampy. | <i>Phytotaxa</i> | 2017 |
| 56. | The Gesneriaceae of India: consequences of updated generic concepts and new family classification | Michael Moller, Santhosh Nampy, A.P Janeesha & Anton Weber | <i>Rheedea</i> | 2017 |

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| 57. | <i>Impatiens stolonifera</i> (Balsaminaceae): A new scapigerous species from the southern Western Ghats, Kerala, India. | Manudev K.M., Robi A.J. & Santhosh Nampy | <i>Phytotaxa</i> | 2017 |
| 58. | <i>Acanthus ilicifolius</i> L. a promising candidate for phytostabilization of zinc | A. M. Shackira , Jos T. Puthur & E. Nabeesa Salim | <i>Environmental Monitoring Assessment</i> | 2017 |
| 59. | UV radiation priming: A means of amplifying the inherent potential for abiotic stress tolerance in crop plants | Dhanya Thomas T.T. & Jos T. Puthur | <i>Environmental and Experimental Botany</i> | 2017 |
| 60. | Re-establishment of the overlooked species <i>Torenia godefroyi</i> (Linderniaceae), and notes on the identity of <i>T. lindernioides</i> | Prasad M. G & Sunojkumar. P. | <i>Nordic Journal of Botany</i> | 2017 |
| 61. | Notes on <i>Plectranthus montanus</i> (Lamiaceae)— a poorly known species in India and reduction of <i>Coleus subbaraoi</i> as one of its synonyms | Smitha. K & Sunojkumar. P | <i>Phytotaxa</i> | 2017 |
| 62. | Fatty acid profiling and multivariate analysis in the genus <i>Leucas</i> reveals its nutritional, pharmaceutical and chemotaxonomic significance | Choudhary A. K., Sunojkumar. P. & G. Mishra | <i>Phytochemistry</i> | 2017 |
| 63. | Notes on the identity and distribution of the endemic <i>Leucas nepetifolia</i> (Lamiaceae: Lamioideae) in Peninsular India | Vimal K P & Sunojkumar. P | <i>Rheedea</i> | 2017 |
| 64. | <i>Justicia barapaniensis</i> , a new name for <i>Justicia salicifolia</i> T. Anderson (Acanthaceae) | Soumya P & Sunojkumar. P | <i>Phytotaxa</i> | 2017 |
| 65. | Drought tolerance of bioenergy grass <i>Saccharum spontaneum</i> L. enhanced by arbuscular mycorrhizae | P.P. Mirshad & Jos T. Puthur | <i>Rhizosphere</i> | 2017 |
| 66. | The imprints of the high light and UV-B stresses in <i>Oryza sativa</i> L. Kanchana seedlings are differentially modulated | Parammal Faseela & Jos T. Puthur | <i>Journal of Photochemistry & Photobiology, B: Biology</i> | 2017 |

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| 67. | Endophytic interactions of <i>Trichoderma harzianum</i> in a tropical perennial rhizo-ecosystem. | Umadevi, P., Anandaraj, M., & Benjamin, S. | <i>Research Journal of Biotechnology</i> | 2017 |
| 68. | Living in the epilepsy treatment gap in rural South India: A focused ethnography of women and problems associated with stigma | von Gaudecker, J. R., Taylor, A. G., Keeling, A. W., Buelow, J. M., & Benjamin, S. | <i>Health Care for Women International</i> | 2017 |
| 69. | Phthalates impact human health: epidemiological evidences and plausible mechanism of action | Benjamin, S., Masai, E., Kamimura, N., Takahashi, K., Anderson, R. C., & Faisal, P. A. | <i>Journal of Hazardous Materials</i> | 2017 |
| 70. | Statistical optimization for lithium silicate catalyzed production of biodiesel from waste cooking oil | Cherikkallinmel, S. K., Sugunan, S., Narayanan, B. N., Faisal, P. A., & Benjamin, S. | <i>Korean Journal of Chemical Engineering</i> | 2017 |
| 71. | <i>Pseudomonas</i> sp. BUP6 produces a thermotolerant alkaline lipase with trans-esterification efficiency in producing biodiesel | Priji, P., Sajith, S., Faisal, P. A., & Benjamin, S. | <i>3 Biotech</i> | 2017 |
| 72. | Fungal Planet description sheets: 558–624 | P.W. Crous,....., K. P. Deepna Latha, K. N. Anil Raj, P. Manimohan et al. | <i>Persoonia</i> | 2017 |
| 73. | Four new species of <i>Entoloma</i> subgenus <i>Pouzarella</i> from India | K. N. Anil Raj & P. Manimohan | <i>Phytotaxa</i> | 2017 |
| 74. | Fungal diversity notes 491–602: taxonomic and phylogenetic contributions to fungal taxa | S.Tibpromma,, K. P. Deepna Latha, K. N. Anil Raj, P. Manimohan et al. | <i>Fungal diversity</i> | 2017 |
| 75. | DNA Barcoding and Phylogenetic analysis of South Indian <i>Curcuma</i> species using chloroplast matK gene | Santhoshkumar R. & Yusuf A | <i>International Journal of Advanced Research (IJAR)</i> . | 2017 |

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| 76. | Influence of N nutrients on GS activity and putative ammonium transporter1;2 (SaAMT1;2) expression in sandal plants (<i>Santalum album</i> L.) | A Yusuf & P Deepa | <i>Springer Berlin Heidelberg</i> | 2017 |
| 77. | Biochemical and morphological changes in azolla-anabaena azollae symbiotic system under gradient concentrations of nh_4no_3 | Aparna, M. B.& Yusuf, A. | <i>International Journal of Development Research</i> | 2017 |
| 78. | Evaluation of cytotoxicity of the aqueous leaf extract of <i>Pogostemon heyneanus</i> Benth. (Java Patchouli). | Anjana & Thoppil, J. E. | <i>Biotropia</i> | 2017 |
| 79. | Evaluation of antioxidant, antiinflammation and chemical composition of methanolic extract of <i>Amomumasticatorim</i> Thwaites (Zingiberaceae). | Sinitha & Thoppil, J. E. | <i>International journal of pharmacognosy</i> | 2017 |
| 80. | Evaluation of shoreline sediment quality for the delineation of sites for mangrove afforestation along the coastal and inland environments of Malappuram District, Kerala. | Harilal C.C., Sajith, U. & Shilna E.P. | <i>Eco Chronicle</i> | 2017 |
| 81. | Assessment of seasonal changes in water quality adjoining Thekkumbad mangrove – sacred grove ecosystem of Kannur district, Kerala, India | Neethu G. Pillai & Harilal C.C | <i>International Research Journal of Environmental Sciences.</i> | 2017 |
| 82. | Standardization of pH favouring augmented growth and biomass production of fresh water micro algal species of <i>coccomyxa</i> , in Bolds Basal medium. | Karthika S. Menon, K.P. Sini & C.C. Harilal. | <i>Indian Journal of Scientific Research.</i> | 2017 |

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| 83. | Evaluation of the growth performances of the propagules of selected mangrove species along Kadalundi – Vallikkunnu Community Reserve, Kerala, India | Shilna E.P., Harilal C.C., Sajith, U., Athira, P. & Sinooja, P. | <i>International Journal of Plant, Animal and Environmental Sciences</i> | 2017 |
| 84. | Feasibility studies of natural plants coagulants in the removal of selected water contaminants. | Snisha S. & Harilal C.C. | <i>International Journal of Developmental Research</i> | 2017 |
| 85. | <i>Pleione arunachalensis</i> (Orchidaceae: Epidendroideae: Arethuseae: Coelogyninae) a new species from North-East India | Hareesh, V.S., P. Kumar & M. Sabu | <i>Phytotaxa</i> | 2017 |
| 86. | <i>Impatiens arunachalensis</i> (Balsaminaceae), a new species from northeastern India | Hareesh, V.S., A. Joe, R. Gogoi & M. Sabu. | <i>Phytotaxa</i> | 2017 |
| 87. | (Balsaminaceae): A reassessment of <i>Impatiens rufescens</i> var. <i>agastyamalayensis</i> and rediscovery of the plant from the Western Ghats, India | Joe,A, V. Bhaskar & M. Sabu | <i>Phytotaxa</i> | 2017 |
| 88. | Spatio-temporal variability in soil characteristics and its influence on the retention of Chlorpyrifos and Quinalphos in cardamom growing soils of Idukki District, Kerala. | Bindumol G.P. & Harilal C.C. | <i>Eco Chronicle</i> | 2017 |
| 89. | <i>Musa markkuana</i> stat. nov. (Musaceae) - A reassessment of <i>Musa velutina</i> subsp. <i>markkuana</i> | Hareesh, V.S., A. Joe, P.E. Sreejith & M. Sabu | <i>Phytoaxa</i> | 2017 |
| 90. | <i>Ophiorrhiza meghalayensis</i> (Rubiaceae: Ophiorrhizeae), a new species from Meghalaya | Hareesh, V.S., Wu Li, A. Joe, & M. Sabu | <i>Phytotaxa</i> | 2017 |
| 91. | <i>Zingiber arunachalensis</i> (Zingiberaceae): a new species from northeastern India | Joe,A., T. Jayakrishnan, V.S. Hareesh & M. Sabu | <i>Phytotaxa</i> | 2017 |
| 92. | <i>Ophiorrhiza debiana</i> (Rubiaceae: Rubioideae), a new species from North east India | Hareesh, V.S., A. Joe, & M. Sabu | <i>Phytotaxa</i> | 2017 |

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| 93. | <i>Impatiens walongensis</i> (Balsaminaceae), a new species from North Eastern India | Hareesh, V.S., S. Borah, & M. Sabu. | <i>Phytotaxa</i> | 2017 |
| 94. | <i>Impatiens nilalohitae</i> (Balsaminaceae), a new species from North Eastern India. | Hareesh, V.S. & M. Sabu | <i>Phytotaxa</i> | 2017 |
| 95. | <i>Impatiens haridasanii</i> (Balsaminaceae), a new species from Arunachal Pradesh, northeastern India | Hareesh, V.S. & M. Sabu | <i>Phytotaxa</i> | 2017 |
| 96. | A new taxon of <i>Lysianotus</i> (Gesneriaceae) from Northeastern India | Joe, A, V.S. Hareesh & M. Sabu | <i>Taiwania</i> | 2017 |
| 97. | Pollination biology of <i>Curcuma aeruginosa</i> (Zingiberaceae): An important medicinal plant | Aswani K. & M. Sabu | <i>International Journal of Plant Reproductive Biology</i> | 2017 |
| 98. | <i>Impatiens agastyamalayensis</i> stat. nov. | Joe, A, V. Bhaskar & M. Sabu | <i>Phytotaxa</i> | 2017 |
| 99. | <i>Leptomischus flaviflorus</i> (Rubiaceae), a new species from India | Hareesh, V.S. Lei Wu & M. Sabu | <i>Phytotaxa</i> | 2017 |
| 100. | <i>Musa x calicutensis</i> : a new interspecific hybrid from Kerala, India | Smisha, K.P. & M. Sabu | <i>Taiwania</i> | 2017 |
| 101. | <i>Ophiorrhiza jacobii</i> , (Rubiaceae) sp. nov. from Western Ghats, India | Hareesh, V.S., M.J. Salish, Lei Wu, J. Ginu J & M. Sabu | <i>Nordic J. Botany</i> | 2017 |
| 102. | A study on field level variability and diversity of <i>Scoparia dulcis</i> L. in North Kerala, India | Remya R., Radhakrishnan V.V. & Mohanan K.V. | <i>Eco Chronicle</i> | 2017 |
| 103. | A study of the genetic variability of wild turmeric (<i>Curcuma aromatica</i> Salisb.) in Kerala State of India | Neethu K., Radhakrishnan V.V. & Mohanan K.V | <i>International Journal of Current Advanced Research</i> | 2017 |
| 104. | Factor analysis in <i>Maranta arundinacea</i> L. | Shintu P.V., Radhakrishnan V.V. & Mohanan K.V. | <i>International Journal of Current Advanced Research</i> | 2017 |
| 105. | Correlation analysis of growth and yield characters in <i>Maranta arundinacea</i> L. (West Indian arrowroot) | Shintu P.V., Radhakrishnan V.V. & Mohanan K.V. | <i>International Journal of Current Advanced Research</i> | 2017 |

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| 106. | <i>Curcuma zanthorrhiza</i> Roxb. (False turmeric) - A retrospective view. | Athira K.A., Radhakrishnan V.V. & Mohanan K.V. | <i>Indian Journal of Arecanut, Spices and Medicinal Plants</i> | 2017 |
| 107. | Assessment of variability and performance of new landraces of small cardamom (<i>Elettaria cardamomum</i> Maton). | Akhila P.R., Radhakrishnan V.V., Pradipkumar K. & Mohanan K.V. | <i>Journal of Plantation Crops</i> | 2017 |
| 108. | Musaceae of Andaman and Nicobar Islands with two new synonyms and one distributional record | Hareesh, V.S., Joe, A., Alappat, J.P. & M. Sabu | <i>Rheedea</i> | 2017 |
| 109. | Mobility and dissipation of Chlorpyrifos and quinalphos in sandy clay loam in an agroecosystem – a laboratory based soil column study. | Bindumol G.P. & Harilal C.C. | <i>Environmental Monitoring and Assessment</i> | 2017 |
| 110. | Assessment of seasonal changes in water quality adjoining Thekkumbad mangrove – sacred grove ecosystem of Kannur district, Kerala, India. | Neethu G. Pillai & Harilal C.C | <i>International Research Journal of Environmental Sciences.</i> | 2017 |
| 111. | Standardization of pH favouring augmented growth and biomass production of fresh water micro algal species of coccomyxa, in Bolds Basal medium. | Karthika S. Menon, K.P. Sini & C.C. Harilal. | <i>Indian Journal of Scientific Research.</i> | 2017 |
| 112. | Evaluation of the growth performances of the propagules of selected mangrove species along Kadalundi – Vallikkunnu Community Reserve, Kerala, India | Shilna E.P., Harilal C.C., Sajith, U., Athira, P. & Sinooja, P. | <i>International Journal of Plant, Animal and Environmental Sciences</i> | 2017 |
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|------|--|--|---|------|
| 115. | Evaluation of antioxidant, antiinflammation and chemical composition of methanolic extract of <i>Amomumasticatorim</i> Thwaites (Zingiberaceae). | Sinitha & Thoppil, J. E. | <i>International journal of pharmacognosy</i> | 2017 |
| 116. | Cytogenetic characterization of <i>Amaranthus caudatus</i> and <i>Amaranthus hybridus</i> subsp.cruentus (L.). | Prajitha, V. & Thoppil, J. E. | <i>Cytotechnology</i> | 2017 |
| 117. | Crude Bacillus thuringiensis pellets efficiently combats <i>Eutetranychus orientalis</i> , the spider mite | Velooralappil Narayanan, J., Robinson Babysarajam, S., Prakasan, P., Faisal, P. A., Niravath, R., Moolath, B. G., & Benjamin, S. | <i>International Journal of Pest Management</i> | 2017 |
| 118. | Spatio-temporal variability in soil characteristics and its influence on the retention of Chlorpyriphos and Quinalphos in cardamom growing soils of Idukki District, Kerala. | Bindumol G.P. and Harilal C.C. | <i>Eco Chronicle</i> | 2017 |
| 119. | <i>Eragrostis brownii</i> (Poaceae: Eragrostidinae), a new record for India. | Thoiba kottekkattu & A.K. Pradeep | <i>Taiwania</i> | 2018 |
| 120. | Lectotypification of <i>Cryptocarya anamalayana</i> Gamble (Lauraceae) with a note on its fruits. | K.H. Amitha Bachan, A.J. Robi, A.K. Pradeep & P.S. Udayan | <i>Bangladesh Journal of Plant Taxonomy</i> | 2018 |
| 121. | <i>Parthenocissus renukae</i> , a new species of Vitaceae from South India. | Puthur Varghese Anto, A.K. Pradeep, Franklin Francis, Nimmi C. Dominigose & Hari Sasidaran | <i>Taiwania</i> | 2018 |
| 122. | Lectotypification of three names in the genus <i>Tripogon</i> (Poaceae). | Thoiba kottekkattu & A.K. Pradeep. | <i>Phytotaxa</i> | 2018 |
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|------|---|--|--|------|
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| 134. | Lectotypification of three names in <i>Justicia</i> (Acanthaceae) | Soumya P & Sunojkumar. P | <i>Phytotaxa</i> | 2018 |

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|------|--|---|--|------|
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| 138. | Notes on the taxonomy and typification of <i>Arisaema petiolulatum</i> (Araceae: Arisaema sect. Anomala). | Manudev K.M., Arunkumar P.G., Syam Radh S. & Santhosh Nampy | <i>Rheedea</i> | 2018 |
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|------|---|--|--|------|
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|------|---|--|---|------|
| 155. | Cytotoxic potential of <i>Cissus quadrangularis</i> on <i>Allium cepa</i> root meristem. | Rubeena Mattummal & Thoppil J. E. | <i>International Journal of Advances in Pharmaceutical Sciences</i> | 2018 |
| 156. | Plant-mediated synthesis of Silver nanoparticles by two species of <i>Cynanchum</i> L. (Apocynaceae): A comparative approach on its physical characteristics. | Neethu K. B. & Thoppil, J. E. | <i>International Journal of Nano Dimension</i> | 2018 |
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| 160. | Chromosome aberration study of <i>Isodon nilgherricus</i> (Benth.) H. Hara extract using <i>Allium cepa</i> assay | Neelamkavil, S. V. & Thoppil, J. E. | <i>International Journal of Development Research.</i> | 2018 |
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|------|--|---|--|------|
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|------|--|---|---|------|
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| 178. | A study on the genetic variability of false turmeric (<i>Curcuma zanthorrhiza</i> Roxb.) in Central Kerala of India | Athira K.A., Radhakrishnan V.V. & Mohanan K.V. | <i>International Journal of Research and Analytical Reviews</i> | 2018 |
| 179. | Comparative performance of some native rice cultivars of Wayanad region of Western Ghats, South India under upland and wetland conditions | Surekha Y.P., Radhakrishnan V.V. & Mohanan K.V., | <i>Journal of Non-Timber Forest Products</i> | 2018 |
| 180. | Association of agronomic characters in <i>Curcuma aeruginosa</i> Roxb. (Pink and blue ginger). | Soorya V., Radhakrishnan V.V. & Mohanan K.V. | <i>International Journal of Research and Analytical Reviews</i> | 2018 |
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|------|---|---|---|------|
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|------|---|---|---|------|
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|------|---|--|--|------|
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|------|--|--|--|------|
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