

E A Siril

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | An improved micropropagation protocol for teak. <i>Plant Cell, Tissue and Organ Culture</i> , 2002, 71, 1-6. | 2.3 | 56 |
| 2 | Elicitor mediated adventitious root culture for the large-scale production of anthraquinones from <i>Oldenlandia umbellata</i> L.. <i>Industrial Crops and Products</i> , 2018, 114, 173-179. | 5.2 | 26 |
| 3 | Micropropagation of annatto (<i>Bixa orellana</i> L.) from mature tree and assessment of genetic fidelity of micropropagated plants with RAPD markers. <i>Physiology and Molecular Biology of Plants</i> , 2013, 19, 147-155. | 3.1 | 22 |
| 4 | The efficiency of Cytochrome P450 gene-based markers in accessing genetic variability of drumstick (<i>Moringa oleifera</i> Lam.) accessions. <i>Molecular Biology Reports</i> , 2020, 47, 2929-2939. | 2.3 | 17 |
| 5 | Auxin and nutritional stress coupled somatic embryogenesis in <i>Oldenlandia umbellata</i> L.. <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 471-475. | 3.1 | 15 |
| 6 | Morphological variability in 17 wild elephant foot yam (<i>Amorphophallus paeoniifolius</i>) collections from southwest India. <i>Genetic Resources and Crop Evolution</i> , 2011, 58, 1263-1274. | 1.6 | 14 |
| 7 | Enhanced In Vitro Shoot Regeneration in <i>Oldenlandia umbellata</i> L. by Using Quercetin: A Naturally Occurring Auxin-Transport Inhibitor. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2017, 87, 899-904. | 1.0 | 14 |
| 8 | Role of Biogenic Silver Nanoparticles on Hyperhydricity Reversion in <i>Dianthus chinensis</i> L. an In Vitro Model Culture. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 23-39. | 5.1 | 14 |
| 9 | Reproductive characterization and preliminary studies on controlled breeding of Annatto (<i>Bixa</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 0.9 | 10 |
| 10 | Induction of hairy roots and over production of anthraquinones in <i>Oldenlandia umbellata</i> L.: a dye yielding medicinal plant by using wild type <i>Agrobacterium rhizogenes</i> strain. <i>Indian Journal of Plant Physiology</i> , 2016, 21, 271-278. | 0.8 | 10 |
| 11 | An improved micropropagation and ex vitro rooting of a commercially important crop Henna (<i>Lawsonia inermis</i> L.). <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 1273-1284. | 3.1 | 10 |
| 12 | An efficient in vitro propagation methodology for Annatto (<i>Bixa orellana</i> L.). <i>Physiology and Molecular Biology of Plants</i> , 2011, 17, 263-270. | 3.1 | 9 |
| 13 | Assessment of different pretreatments to breakage dormancy and improve the seed germination in <i>Elaeocarpus serratus</i> L. - an underutilized multipurpose fruit tree from South India. <i>Forest Science and Technology</i> , 2018, 14, 160-168. | 0.8 | 9 |
| 14 | Influence of polyamines on hyperhydricity reversion and its associated mechanism during micropropagation of China pink (<i>Dianthus chinensis</i> L.). <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 2035-2045. | 3.1 | 9 |
| 15 | Evaluation and selection of elite annatto (<i>Bixa orellana</i> L.) and identification of RAPD markers associated with yield traits. <i>Revista Brasileira De Botanica</i> , 2014, 37, 1-8. | 1.3 | 8 |
| 16 | Floral Color Polymorphism and Reproductive Success in Annatto (<i>Bixa orellana</i> L.). <i>Tropical Plant Biology</i> , 2013, 6, 217-227. | 1.9 | 7 |
| 17 | Optimising Elicitors and Precursors to Enhance Alizarin and Purpurin Production in Adventitious Roots of <i>Morinda citrifolia</i> L.. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2015, 85, 725-731. | 1.0 | 6 |
| 18 | Enhanced Production of Berberine Through Callus Culture of <i>Tinospora cordifolia</i> (Willd.) Miers ex Hook F. and Thoms.. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2020, 90, 323-331. | 1.0 | 6 |

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|----|--|-----|-----------|
| 19 | Investigation on in vitro bouquets and flower longevity of micropropagated <i>Dianthus chinensis</i> L.. <i>Scientia Horticulturae</i> , 2021, 275, 109708. | 3.6 | 6 |
| 20 | Effective reversal of hyperhydricity leading to efficient micropropagation of <i>Dianthus chinensis</i> L.. <i>Biotech</i> , 2021, 11, 95. | 2.2 | 6 |
| 21 | Genetic diversity analysis of promising Ceylon olive (<i>Elaeocarpus serratus</i> L.) genotypes using morphological traits and ISSR markers. <i>Current Plant Biology</i> , 2021, 26, 100201. | 4.7 | 6 |
| 22 | Cytotaxonomic investigations to assess diversity and evolution in <i>Amorphophallus</i> Blume ex Decne. (Araceae). <i>Nucleus (India)</i> , 2014, 57, 189-201. | 2.2 | 5 |
| 23 | Cloning of Ceylon olive (<i>Elaeocarpus serratus</i> L.) using conventional methods. <i>Journal of Horticultural Science and Biotechnology</i> , 2016, 91, 292-298. | 1.9 | 5 |
| 24 | The effect of silver nitrate on micropropagation of <i>Moringa oleifera</i> Lam. an important vegetable crop of tropics with substantial nutritional value. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 1311-1322. | 3.1 | 5 |
| 25 | Morphological diversity, phenotypic and genotypic variance and heritability estimates in <i>Moringa oleifera</i> Lam.: a less used vegetable with substantial nutritional value. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 3241-3256. | 1.6 | 5 |
| 26 | SCAR Marker Development for the Identification of Elite Germplasm of <i>Moringa Oleifera</i> Lam.-A Never Die Plant. <i>Plant Molecular Biology Reporter</i> , 0, , 1. | 1.8 | 5 |
| 27 | Cytotoxic Evaluation of Annatto (<i>Bixa orellana</i> L.) Dye Compared with Orange Red. <i>Cytologia</i> , 2010, 75, 163-167. | 0.6 | 4 |
| 28 | A comparison of conventional cloning options for annatto (<i>Bixa orellana</i> L.). <i>Journal of Horticultural Science and Biotechnology</i> , 2011, 86, 446-451. | 1.9 | 4 |
| 29 | Chromosomal translocations in the evolution of <i>Amorphophallus bonaccordensis</i> from <i>A. hohenackeri</i> . <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2014, 209, 632-640. | 1.2 | 3 |
| 30 | Elite Screening and In Vitro Propagation of <i>Tinospora cordifolia</i> (Willd.) Miers ex Hook F.& Thoms.. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2019, 89, 551-557. | 1.0 | 3 |
| 31 | Alteration of media enables efficient in vitro cloning of mature <i>Elaeocarpus serratus</i> L. (Ceylon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 429-443. | 3.1 | 3 |
| 32 | Genetic evaluation of <i>Garcinia gummi-gutta</i> L. (Roxb.) accessions based on inter simple sequence repeat markers. <i>Ecological Genetics and Genomics</i> , 2022, 24, 100130. | 0.5 | 2 |
| 33 | Selection of Promising Candidate of Malabar Tamarind [<i>Garcinia gummi-gutta</i> (L.) Roxb.] - a Multipurpose Fruit Tree. <i>International Journal of Fruit Science</i> , 2022, 22, 664-674. | 2.4 | 2 |
| 34 | Sub-chronic oral toxicity assessment (90 days) of ethanolic fraction of leaves of <i>Neurocalyx calycinus</i> (R. Br. ex Benn.) Rob. in rodents: A lesser known ethnomedicinal plant from the Cholanaikkan tribal community, India. <i>Interdisciplinary Toxicology</i> , 2018, 11, 221-235. | 1.0 | 1 |
| 35 | Assessment of morphogenetic diversity in <i>Garcinia gummi-gutta</i> (L.) Roxb. using species-specific morphological and SSR markers. <i>Ecological Genetics and Genomics</i> , 2021, 18, 100081. | 0.5 | 0 |