

# Muthu Thiruvengadam

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115  
papers

2,167  
citations

25  
h-index

41  
g-index

137  
ext. papers

2,959  
ext. citations

4.1  
avg. IF

5.62  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 115 | A review on transcriptomic and metabolomic responses of plants to nanopollution.. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1  | 5.1  | 1         |
| 114 | Synthesis, physicochemical characterization, and in vitro evaluation of biodegradable PLGA nanoparticles entrapped to folic acid for targeted delivery of kaempferitrin.. <i>Biotechnology and Applied Biochemistry</i> , <b>2022</b> ,                | 2.8  | 1         |
| 113 | Heavy Metal Contamination of Natural Foods Is a Serious Health Issue: A Review. <i>Sustainability</i> , <b>2022</b> , 14, 161  | 3.6  | 10        |
| 112 | Green synthesis of nanoparticles and their uses in agriculture <b>2022</b> , 247-271   |      |           |
| 111 | Effects of nanoparticles on phytotoxicity, cytotoxicity, and genotoxicity in agricultural crops <b>2022</b> , 325-344  |      | 0         |
| 110 | Minor tropical fruits as a potential source of bioactive and functional foods.. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2022</b> , 1-45   | 11.5 | 3         |
| 109 | Kaempferitrin inhibits colorectal cancer cells by inducing reactive oxygen species and modulating PI3K/AKT signalling pathway. <i>Process Biochemistry</i> , <b>2022</b> , 116, 26-37  | 4.8  | 0         |
| 108 | Novel Techniques for Microbiological Safety in Meat and Fish Industries. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 319   | 2.6  | 1         |
| 107 | Garlic ( <i>Allium sativum</i> L.): Its Chemistry, Nutritional Composition, Toxicity and Anticancer Properties. <i>Current Topics in Medicinal Chemistry</i> , <b>2021</b> ,   | 3    | 3         |
| 106 | Role of Pascalization in Milk Processing and Preservation: A Potential Alternative towards Sustainable Food Processing. <i>Photonics</i> , <b>2021</b> , 8, 498  | 2.2  | 2         |
| 105 | Bioactive Compounds in Oxidative Stress-Mediated Diseases: Targeting the NRF2/ARE Signaling Pathway and Epigenetic Regulation.. <i>Antioxidants</i> , <b>2021</b> , 10,  | 7.1  | 6         |
| 104 | Recent insights on tea metabolites, their biosynthesis and chemo-preventing effects: A review. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-20  | 11.5 | 4         |
| 103 | Soybean Processing Wastes: Novel Insights on Their Production, Extraction of Isoflavones, and Their Therapeutic Properties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> ,  | 5.7  | 3         |
| 102 | Rosemary species: a review of phytochemicals, bioactivities and industrial applications. <i>South African Journal of Botany</i> , <b>2021</b> ,  | 2.9  | 5         |
| 101 | Genetic engineering of potato ( <i>Solanum tuberosum</i> L.) for enhanced ßocopherols and abiotic stress tolerance. <i>Physiologia Plantarum</i> , <b>2021</b> , 173, 116-128  | 4.6  | 6         |
| 100 | Secondary metabolite contents and antimicrobial activity of leaf extracts reveal genetic variability of <i>Vernonia amygdalina</i> and <i>Vernonia calvoana</i> morphotypes. <i>Biotechnology and Applied Biochemistry</i> , <b>2021</b> , 68, 938-947 | 2.8  | 2         |
| 99  | Yttrium Oxide Nanoparticle Synthesis: An Overview of Methods of Preparation and Biomedical Applications. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 2172  | 2.6  | 24        |

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|----|---|------|----|
| 98 | Overview of miRNA biogenesis and applications in plants. <i>Biologia (Poland)</i> , <b>2021</b> , 76, 2309-2327   | 1.5  | 1  |
| 97 | Emerging role of nutritional short-chain fatty acids (SCFAs) against cancer via modulation of hematopoiesis. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-18   | 11.5 | 2  |
| 96 | A comparative study of phytotoxic effects of metal oxide (CuO, ZnO and NiO) nanoparticles on in-vitro grown <i>Abelmoschus esculentus</i> . <i>Plant Biosystems</i> , <b>2021</b> , 155, 374-383  | 1.6  | 11 |
| 95 | ECasomorphin: A complete health perspective. <i>Food Chemistry</i> , <b>2021</b> , 337, 127765  | 8.5  | 10 |
| 94 | Traditional and modern management strategies for rheumatoid arthritis. <i>Clinica Chimica Acta</i> , <b>2021</b> , 512, 142-155   | 6.2  | 6  |
| 93 | Nanotechnology, in silico and endocrine-based strategy for delivering paclitaxel and miRNA: Prospects for the therapeutic management of breast cancer. <i>Seminars in Cancer Biology</i> , <b>2021</b> , 69, 109-128                      | 12.7 | 19 |
| 92 | Anti-anxiety properties of selected medicinal plants. <i>Current Pharmaceutical Biotechnology</i> , <b>2021</b> ,   | 2.6  | 3  |
| 91 | Phytochemical Profile of Rock Jasmine ( <i>Androsace foliosa</i> Duby ex Decne) by Using HPLC and GCMS Analyses. <i>Arabian Journal for Science and Engineering</i> , <b>2021</b> , 46, 5385-5392   | 2.5  | 2  |
| 90 | Comparison of Cytokine Expression Profile in Chikungunya and Dengue Co-Infected and Mono-Infected PatientsTSamples. <i>Pathogens</i> , <b>2021</b> , 10,  | 4.5  | 1  |
| 89 | Green synthesis, in vivo and in vitro pharmacological studies of <i>Tamarindus indica</i> based gold nanoparticles. <i>Bioprocess and Biosystems Engineering</i> , <b>2021</b> , 44, 1185-1192  | 3.7  | 3  |
| 88 | Potentials of polysaccharides, lipids and proteins in biodegradable food packaging applications. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 183, 2184-2198   | 7.9  | 16 |
| 87 | Nanochleates containing N-Octylglycoside extracted <i>Vibrio cholerae</i> antigens elicited high vibriocidal antibodies titers after intragastric immunization in a mice model. <i>Microbial Pathogenesis</i> , <b>2021</b> , 156, 104902 | 3.8  | 0  |
| 86 | Preclinical and Clinical Antioxidant Effects of Natural Compounds against Oxidative Stress-Induced Epigenetic Instability in Tumor Cells. <i>Antioxidants</i> , <b>2021</b> , 10,   | 7.1  | 7  |
| 85 | The effect of abiotic and biotic stresses on the production of bioactive compounds in tea ( <i>Camellia sinensis</i> (L.) O. Kuntze). <i>Plant Gene</i> , <b>2021</b> , 27, 100316  | 3.1  | 4  |
| 84 | Protective Effect of Salvianolic Acid B in Acetic Acid-Induced Experimental Colitis in a Mouse Model. <i>Processes</i> , <b>2021</b> , 9, 1589  | 2.9  | 0  |
| 83 | Enhanced thermo-tolerance in transgenic potato ( <i>Solanum tuberosum</i> L.) overexpressing hydrogen peroxide-producing germin-like protein (GLP). <i>Genomics</i> , <b>2021</b> , 113, 3224-3234  | 4.3  | 1  |
| 82 | In silico modeling and molecular docking insights of kaempferitrin for colon cancer-related molecular targets. <i>Journal of Saudi Chemical Society</i> , <b>2021</b> , 25, 101319  | 4.3  | 3  |
| 81 | Heterologous expression and biophysical characterization of a mesophilic tannase following manganese nanoparticle immobilization. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 207, 112011                               | 6    | 1  |

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|----|---|-----|----|
| 80 | Dopamine in Parkinson's disease. <i>Clinica Chimica Acta</i> , <b>2021</b> , 522, 114-126   | 6.2 | 12 |
| 79 | Technofunctional quality assessment of soymilk fermented with <i>Lactobacillus acidophilus</i> and <i>Lactobacillus casei</i> . <i>Biotechnology and Applied Biochemistry</i> , <b>2021</b> ,   | 2.8 | 5  |
| 78 | Organopesticides and fertility: where does the link lead to?. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 6289-6301   | 5.1 | 2  |
| 77 | Radiosensitivity of two varieties of watermelon ( <i>Citrullus lanatus</i> ) to different doses of gamma irradiation. <i>Revista Brasileira De Botanica</i> , <b>2020</b> , 43, 897-905   | 1.2 | 3  |
| 76 | Inhibition of histone deacetylases is the major pathway mediated by astaxanthin to antagonize LPS-induced inflammatory responses in mammary epithelial cells. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2020</b> , 34, e22507 | 3.4 | 0  |
| 75 | Resveratrol Nanoparticles: A Promising Therapeutic Advancement over Native Resveratrol. <i>Processes</i> , <b>2020</b> , 8, 458   | 2.9 | 6  |
| 74 | Biosimilars: A novel perspective in diabetes therapy. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2020</b> , 13, 288   | 2.1 |    |
| 73 | Current Nanoparticle Approaches in Nose to Brain Drug Delivery and Anticancer Therapy - A Review. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 1128-1137  | 3.3 | 25 |
| 72 | Development of Abiotic Stress Tolerance in Crops by Plant Growth-Promoting Rhizobacteria (PGPR). <i>Environmental and Microbial Biotechnology</i> , <b>2020</b> , 125-145   | 1.4 | 7  |
| 71 | Exosomes: Current use and future applications. <i>Clinica Chimica Acta</i> , <b>2020</b> , 500, 226-232   | 6.2 | 49 |
| 70 | Up-converting phosphor technology-based lateral flow assay for quantitative detection of Hydroxybutyrate in biological samples. <i>Analytical Biochemistry</i> , <b>2020</b> , 591, 113546  | 3.1 | 7  |
| 69 | Sensitive screen-printed electrodes with the colorimetric zone for simultaneous determination of mastitis and ketosis in bovine milk samples. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2020</b> , 203, 111746          | 6.7 | 1  |
| 68 | Insights on the current status and advancement of diabetes mellitus type 2 and to avert complications: An overview. <i>Biotechnology and Applied Biochemistry</i> , <b>2020</b> , 67, 920-928   | 2.8 | 9  |
| 67 | Lycopene as a Natural Antioxidant Used to Prevent Human Health Disorders. <i>Antioxidants</i> , <b>2020</b> , 9,  | 7.1 | 66 |
| 66 | Characterizing the Role of the miR156-SPL Network in Plant Development and Stress Response. <i>Plants</i> , <b>2020</b> , 9,  | 4.5 | 16 |
| 65 | Assessment of Mineral and Phenolic Profiles and Their Association with the Antioxidant, Cytotoxic Effect, and Antimicrobial Potential of Miller. <i>Plants</i> , <b>2020</b> , 9,   | 4.5 | 7  |
| 64 | Biofilm ClippersF enzyme formulation for bovine mastitic biofilm therapy. <i>Microbial Pathogenesis</i> , <b>2019</b> , 137, 103740   | 3.8 | 1  |
| 63 | Effect of Copper Oxide Nanoparticles on the Physiology, Bioactive Molecules, and Transcriptional Changes in <i>Brassica rapa</i> ssp. <i>rapa</i> Seedlings. <i>Water, Air, and Soil Pollution</i> , <b>2019</b> , 230, 1                       | 2.6 | 44 |

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|----|--|-----|----|
| 62 | Impact of Copper Oxide Nanoparticles on Enhancement of Bioactive Compounds Using Cell Suspension Cultures of <i>Gymnema sylvestre</i> (Retz.) R. Br. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2165   | 2.6 | 20 |
| 61 | Evaluation of Polyphenolic Compounds and Pharmacological Activities in Hairy Root Cultures of <i>Turcz. f.</i> (Nakai). <i>Molecules</i> , <b>2019</b> , 24,   | 4.8 | 13 |
| 60 | Nickel oxide nanoparticles cause substantial physiological, phytochemical, and molecular-level changes in Chinese cabbage seedlings. <i>Plant Physiology and Biochemistry</i> , <b>2019</b> , 139, 92-101  | 5.4 | 24 |
| 59 | Synthesis, characterization and pharmacological potential of green synthesized copper nanoparticles. <i>Bioprocess and Biosystems Engineering</i> , <b>2019</b> , 42, 1769-1777  | 3.7 | 47 |
| 58 | Identification of elicitors enhances the polyphenolic compounds and pharmacological potential in hairy root cultures of <i>Aster scaber</i> . <i>South African Journal of Botany</i> , <b>2019</b> , 125, 92-101   | 2.9 | 13 |
| 57 | Alleviation of Mediated Necrotic Stress in the Transgenic Potato ( <i>L.</i> ) with Enhanced Ascorbic acid Accumulation. <i>Plants</i> , <b>2019</b> , 8,  | 4.5 | 6  |
| 56 | Production of bioactive compounds and gene expression alterations in hairy root cultures of chinese cabbage elicited by copper oxide nanoparticles. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2018</b> , 134, 95-106  | 2.7 | 25 |
| 55 | Nanotechnology: current uses and future applications in the food industry. <i>3 Biotech</i> , <b>2018</b> , 8, 74  | 2.8 | 84 |
| 54 | Green approach for synthesis of zinc oxide nanoparticles from <i>Andrographis paniculata</i> leaf extract and evaluation of their antioxidant, anti-diabetic, and anti-inflammatory activities. <i>Bioprocess and Biosystems Engineering</i> , <b>2018</b> , 41, 21-30                   | 3.7 | 97 |
| 53 | Determination of mycotoxins by HPLC, LC-ESI-MS/MS, and MALDI-TOF MS in <i>Fusarium</i> species-infected sugarcane. <i>Microbial Pathogenesis</i> , <b>2018</b> , 123, 98-110   | 3.8 | 16 |
| 52 | Assessment of the effects of metal oxide nanoparticles on the growth, physiology and metabolic responses in in vitro grown eggplant (). <i>3 Biotech</i> , <b>2018</b> , 8, 362  | 2.8 | 32 |
| 51 | Influence of silver nanoparticles on the enhancement and transcriptional changes of glucosinolates and phenolic compounds in genetically transformed root cultures of <i>Brassica rapa</i> ssp. <i>rapa</i> . <i>Bioprocess and Biosystems Engineering</i> , <b>2018</b> , 41, 1665-1677 | 3.7 | 19 |
| 50 | Effect of silver nanoparticles on phenolic compounds production and biological activities in hairy root cultures of <i>Cucumis anguria</i> . <i>Acta Biologica Hungarica</i> , <b>2018</b> , 69, 97-109  |     | 33 |
| 49 | Elicitation of silver nanoparticles enhanced the secondary metabolites and pharmacological activities in cell suspension cultures of bitter gourd. <i>3 Biotech</i> , <b>2018</b> , 8, 412   | 2.8 | 28 |
| 48 | Review of the biotechnological applications of rice allelopathy in agricultural production. <i>Weed Biology and Management</i> , <b>2018</b> , 18, 63-74   | 1.4 | 3  |
| 47 | Secondary Metabolite Production in Transgenic Hairy Root Cultures of Cucurbits. <i>Reference Series in Phytochemistry</i> , <b>2017</b> , 267-293  | 0.7 | 5  |
| 46 | Ethnopharmacological uses, phytochemistry, biological activities, and biotechnological applications of <i>Eclipta prostrata</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 5247-5257   | 5.7 | 27 |
| 45 | Jasmonic and salicylic acids enhanced phytochemical production and biological activities in cell suspension cultures of spine gourd ( <i>Momordica dioica</i> Roxb). <i>Acta Biologica Hungarica</i> , <b>2017</b> , 68, 88-100  |     | 15 |

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|----|---|-----|-----|
| 44 | Evaluation of anti-cholinesterase, antibacterial and cytotoxic activities of green synthesized silver nanoparticles using from <i>Millettia pinnata</i> flower extract. <i>Microbial Pathogenesis</i> , <b>2017</b> , 103, 123-128  | 3.8 | 48  |
| 43 | Nanotechnology for human food: Advances and perspective. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , <b>2017</b> , 10, 63-72   | 0.7 | 19  |
| 42 | Production of glucosinolates, phenolic compounds and associated gene expression profiles of hairy root cultures in turnip ( <i>Brassica rapa</i> ssp. <i>rapa</i> ). <i>3 Biotech</i> , <b>2016</b> , 6, 175  | 2.8 | 39  |
| 41 | Induction of hairy roots by -mediated transformation of spine gourd ( <i>Roxb. ex. willd</i> ) for the assessment of phenolic compounds and biological activities. <i>Scientia Horticulturae</i> , <b>2016</b> , 198, 132-141   | 4.1 | 27  |
| 40 | Influence of amphetamine, $\beta$ -aminobutyric acid, and fosmidomycin on metabolic, transcriptional variations and determination of their biological activities in turnip ( <i>Brassica rapa</i> ssp. <i>rapa</i> ). <i>South African Journal of Botany</i> , <b>2016</b> , 103, 181-192                     | 2.9 | 6   |
| 39 | Plant-Mediated Synthesis of Silver Nanoparticles: Their Characteristic Properties and Therapeutic Applications. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 40  | 5   | 235 |
| 38 | Rheumatoid Arthritis: The Stride from Research to Clinical Practice. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,   | 6.3 | 21  |
| 37 | Biosynthesis and Biomedical Applications of Gold Nanoparticles Using <i>Eclipta prostrata</i> Leaf Extract. <i>Applied Sciences (Switzerland)</i> , <b>2016</b> , 6, 222  | 2.6 | 34  |
| 36 | Making Sense of the Tangle: Insights into Chromatin Folding and Gene Regulation. <i>Genes</i> , <b>2016</b> , 7,  | 4.2 | 10  |
| 35 | Enhanced Production of Anthraquinones and Phenolic Compounds and Biological Activities in the Cell Suspension Cultures of <i>Polygonum multiflorum</i> . <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,   | 6.3 | 27  |
| 34 | Elicitation Enhanced the Production of Phenolic Compounds and Biological Activities in Hairy Root Cultures of Bitter melon ( <i>Momordica charantia</i> L.). <i>Brazilian Archives of Biology and Technology</i> , <b>2016</b> , 59,  | 1.8 | 14  |
| 33 | Effects of abscisic acid, jasmonic acid and salicylic acid on the content of phytochemicals and their gene expression profiles and biological activity in turnip ( <i>Brassica rapa</i> ssp. <i>rapa</i> ). <i>Plant Growth Regulation</i> , <b>2016</b> , 80, 377-390  | 3.2 | 26  |
| 32 | Secondary Metabolite Production in Transgenic Hairy Root Cultures of Cucurbits <b>2016</b> , 1-27   |     |     |
| 31 | Exogenous phytohormones increase the accumulation of health-promoting metabolites, and influence the expression patterns of biosynthesis related genes and biological activity in Chinese cabbage ( <i>Brassica rapa</i> spp. <i>pekinensis</i> ). <i>Scientia Horticulturae</i> , <b>2015</b> , 193, 136-146 | 4.1 | 30  |
| 30 | Physiological, metabolic, and transcriptional effects of biologically-synthesized silver nanoparticles in turnip ( <i>Brassica rapa</i> ssp. <i>rapa</i> L.). <i>Protoplasma</i> , <b>2015</b> , 252, 1031-46   | 3.4 | 70  |
| 29 | Selenium, putrescine, and cadmium influence health-promoting phytochemicals and molecular-level effects on turnip ( <i>Brassica rapa</i> ssp. <i>rapa</i> ). <i>Food Chemistry</i> , <b>2015</b> , 173, 185-93  | 8.5 | 60  |
| 28 | Spectroscopic determination of metabolic and mineral changes of soya-chunk mediated by <i>Aspergillus sojae</i> . <i>Food Chemistry</i> , <b>2015</b> , 170, 1-9  | 8.5 | 7   |
| 27 | Evaluation of polyphenol composition and biological activities of two samples from summer and winter seasons of <i>Ligularia fischeri</i> var. <i>Spiciformis</i> Nakai. <i>Acta Biologica Hungarica</i> , <b>2015</b> , 66, 179-91   |     | 4   |



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|----|---|-----|----|
| 26 | Evaluation of phenolic compounds, antioxidant and antimicrobial activities from transgenic hairy root cultures of gherkin ( <i>Cucumis anguria</i> L.). <i>South African Journal of Botany</i> , <b>2015</b> , 100, 80-86                         | 2.9 | 23 |
| 25 | Phenolic compound production and biological activities from in vitro regenerated plants of gherkin ( <i>Cucumis anguria</i> L.). <i>Electronic Journal of Biotechnology</i> , <b>2015</b> , 18, 295-301   | 3.1 | 20 |
| 24 | Expression of An Antisense Brassica oleracea GIGANTEA (BoGI) Gene in Transgenic Broccoli Causes Delayed Flowering, Leaf Senescence, and Post-Harvest Yellowing Retardation. <i>Plant Molecular Biology Reporter</i> , <b>2015</b> , 33, 1499-1509 | 1.7 | 5  |
| 23 | Production of gymnemic acid from hairy root cultures of <i>Gymnema sylvestre</i> R. Br. as influenced by polyunsaturated fatty acids (PUFAs) and their antioxidant activity. <i>Industrial Crops and Products</i> , <b>2014</b> , 54, 54-61       | 5.9 | 21 |
| 22 | High frequency somatic embryogenesis and plant regeneration from hypocotyl and leaf explants of gherkin ( <i>Cucumis anguria</i> L.). <i>Scientia Horticulturae</i> , <b>2014</b> , 169, 161-168  | 4.1 | 11 |
| 21 | Variation in major phenolic compounds and quality potential of CTC black tea elicited by <i>Saccharomyces cerevisiae</i> and its correlation with antioxidant potential. <i>Industrial Crops and Products</i> , <b>2014</b> , 55, 289-294         | 5.9 | 17 |
| 20 | Production of anthraquinones, phenolic compounds and biological activities from hairy root cultures of <i>Polygonum multiflorum</i> Thunb. <i>Protoplasma</i> , <b>2014</b> , 251, 555-66   | 3.4 | 72 |
| 19 | Establishment of <i>Momordica charantia</i> hairy root cultures for the production of phenolic compounds and determination of their biological activities. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2014</b> , 118, 545-557               | 2.7 | 43 |
| 18 | Efficient plant regeneration from petiole explants of West Indian gherkin ( <i>Cucumis anguria</i> L.) via indirect organogenesis. <i>Journal of Plant Biochemistry and Biotechnology</i> , <b>2014</b> , 23, 307-315                             | 1.6 | 9  |
| 17 | Polyphenol composition and antioxidant capacity from different extracts of <i>Aster scaber</i> . <i>Acta Biologica Hungarica</i> , <b>2014</b> , 65, 144-55   |     | 8  |
| 16 | UHPLC Analysis of Polyphenol Composition and Antioxidant Activity from Different Solvent Extracts of <i>Coriandrum sativum</i> Seeds Cultivated in Korea. <i>Asian Journal of Chemistry</i> , <b>2014</b> , 26, 6351-6356                         | 0.4 | 2  |
| 15 | Composition of Polyphenols and Antioxidant Activity of Garlic Bulbs Collected from Different Locations of Korea. <i>Asian Journal of Chemistry</i> , <b>2014</b> , 26, 897-902  | 0.4 | 16 |
| 14 | Growth and replication of infectious bursal disease virus in the DF-1 cell line and chicken embryo fibroblasts. <i>BioMed Research International</i> , <b>2014</b> , 2014, 494835   | 3   | 21 |
| 13 | Optimization of factors influencing in vitro flowering of gherkin ( <i>Cucumis anguria</i> L.). <i>Acta Biologica Hungarica</i> , <b>2014</b> , 65, 72-84   |     | 2  |
| 12 | Enhancement of the productivity of tea ( <i>Camellia sinensis</i> ) secondary metabolites in cell suspension cultures using pathway inducers. <i>Journal of Crop Science and Biotechnology</i> , <b>2013</b> , 16, 143-149                        | 1.2 | 18 |
| 11 | Establishment of <i>Gymnema sylvestre</i> hairy root cultures for the production of gymnemic acid. <i>Acta Physiologiae Plantarum</i> , <b>2013</b> , 35, 3067-3073   | 2.6 | 36 |
| 10 | Overexpression of <i>Oncidium</i> MADS box (OMADS1) gene promotes early flowering in transgenic orchid ( <i>Oncidium Gower Ramsey</i> ). <i>Acta Physiologiae Plantarum</i> , <b>2012</b> , 34, 1295-1302   | 2.6 | 11 |
| 9  | The MADS box gene, FOREVER YOUNG FLOWER, acts as a repressor controlling floral organ senescence and abscission in <i>Arabidopsis</i> . <i>Plant Journal</i> , <b>2011</b> , 68, 168-85   | 6.9 | 79 |

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|---|---|-----|----|
| 8 | Phosphomannose-isomerase as a selectable marker to recover transgenic orchid plants (Oncidium Gower Ramsey). <i>Plant Cell, Tissue and Organ Culture</i> , <b>2011</b> , 104, 239-246   | 2.7 | 18 |
| 7 | High-frequency shoot regeneration from leaf explants through organogenesis in bitter melon (Momordica charantia L.). <i>Plant Biotechnology Reports</i> , <b>2010</b> , 4, 321-328  | 2.5 | 17 |
| 6 | Ectopic expression of two MADS box genes from orchid (Oncidium Gower Ramsey) and lily (Lilium longiflorum) alters flower transition and formation in Eustoma grandiflorum. <i>Plant Cell Reports</i> , <b>2009</b> , 28, 1463-73  | 5.1 | 30 |
| 5 | Development of an embryogenic suspension culture of bitter melon (Momordica charantia L.). <i>Scientia Horticulturae</i> , <b>2006</b> , 109, 123-129   | 4.1 | 21 |
| 4 | In vitro plant regeneration via somatic embryogenesis through cell suspension cultures of horsegram [Macrotyloma uniflorum (Lam.) verdc.]. <i>In Vitro Cellular and Developmental Biology - Plant</i> , <b>2004</b> , 40, 284-289 | 2.3 | 23 |
| 3 | Functional and physical properties of oil-in-water emulsion based on sodium caseinate, beef rumen and sunflower oil and its effect on nutritional quality of forcemeat. <i>Journal of Dispersion Science and Technology</i> , 1-9 | 1.5 | 5  |
| 2 | Technofunctional quality assessment of soymilk fermented with Lactobacillus acidophilus and Lactobacillus casei   |     | 1  |
| 1 | Nutritional and Technical Aspect of Tiger Nut and Its Micro-constituents: An Overview. <i>Food Reviews International</i> , 1-21   | 5.5 | 1  |