

Shanker Lal Kothari

List of Publications by Year in descending order

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Version: 2024-02-01

133
papers

2,837
citations

159525

30
h-index

223716

46
g-index

134
all docs

134
docs citations

134
times ranked

3071
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Characterization of human-malarial parasite species based on DHFR and GST targets, resulting in changes in anti-malarial drug binding conformations.. Drug Metabolism Letters, 2022, 15, . | 0.5 | 0 |
| 2 | Seed priming with carbon nanotubes and silicon dioxide nanoparticles influence agronomic traits of Indian mustard (Brassica juncea) in field experiments. Journal of King Saud University - Science, 2022, 34, 102067. | 1.6 | 8 |
| 3 | Variant biochemical responses: intrinsic and adaptive system for ecologically different rice varieties. Journal of Crop Science and Biotechnology, 2021, 24, 279-292. | 0.7 | 3 |
| 4 | Humidity induced opening of stomata leads to enhanced uptake of copper nanoparticles in Triticum aestivum L.. Materials Today: Proceedings, 2021, 43, 3191-3196. | 0.9 | 6 |
| 5 | Chromatic intervention and biocompatibility assay for biosurfactant derived from Balanites aegyptiaca (L.) Del. Scientific Reports, 2021, 11, 4186. | 1.6 | 1 |
| 6 | Influence of γ irradiation on antioxidant, thermal and rheological properties of native and irradiated whole grain millet flours. International Journal of Food Science and Technology, 2021, 56, 3752-3762. | 1.3 | 4 |
| 7 | Optimization of Agrobacterium Mediated Genetic Transformation in Paspalum scrobiculatum L. (Kodo) Tj ETQq1 1 0.784314 μ gBT /Over 1.3 | 1.3 | 4 |
| 8 | Assessment of role of cuticular wax in adaptive physiological responses of Calotropis procera and Calotropis gigantea. Plant Physiology Reports, 2021, 26, 368-373. | 0.7 | 2 |
| 9 | Maximizing EPS production from Pseudomonas aeruginosa and its application in Cr and Ni sequestration. Biochemistry and Biophysics Reports, 2021, 26, 100972. | 0.7 | 17 |
| 10 | Morphological Descriptors and Heritability as Markers for Oil Yield in Balanites aegyptiaca (L.) Del.: A Potential Biodiesel Xerophyte. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2021, 91, 695-706. | 0.4 | 2 |
| 11 | Assessment of Long-Term in vitro Multiplied Human Wharton's Jelly-Derived Mesenchymal Stem Cells prior to Their Use in Clinical Administration. Cells Tissues Organs, 2021, 210, 1-11. | 1.3 | 6 |
| 12 | In silico analysis of the pyretic effect of drugs on antimalarial receptors. Journal of the Indian Chemical Society, 2021, 98, 100102. | 1.3 | 0 |
| 13 | A comprehensive review on the biotechnological intervention for deciphering the pharmacological and other multifarious properties of miracle tree Moringa oleifera. Industrial Crops and Products, 2021, 170, 113807. | 2.5 | 4 |
| 14 | Relative morpho-physiological responses of millets and oats against lead toxicity. Environmental and Experimental Botany, 2021, 192, 104658. | 2.0 | 4 |
| 15 | Evaluation of Variation in Cuticular Wax Yield with Season, Solvent, and Species in Calotropis. The National Academy of Sciences, India, 2020, 43, 99-101. | 0.8 | 2 |
| 16 | Hydrogen ion sensing characteristics of Na ₃ BiO ₄ –Bi ₂ O ₃ mixed oxide nanostructures based EGFET pH sensor. International Journal of Hydrogen Energy, 2020, 45, 18743-18751. | 3.8 | 31 |
| 17 | Biological Databases in Virology. , 2020, , 57-70. | | 0 |
| 18 | Surface Morphology and Physicochemical Characterization of Thermostable <i>Moringa</i> Gum: A Potential Pharmaceutical Excipient. ACS Omega, 2020, 5, 29189-29198. | 1.6 | 12 |

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|----|--|-----|-----------|
| 19 | Synergistic effect of cytokinins and auxins enables mass clonal multiplication of drumstick tree (<i>Moringa oleifera</i> Lam.): a wonder. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 458-469. | 0.9 | 17 |
| 20 | Fate of Polyphenols and Antioxidant Activity of Barley during Processing. <i>Food Reviews International</i> , 2020, , 1-36. | 4.3 | 11 |
| 21 | Antioxidant, Nutritional, Structural, Thermal and Physico-Chemical Properties of Psyllium (<i>Plantago</i>) Tj ETQq1 1 0.784314 rgBT /Overlo | 0.3 | 6 |
| 22 | Nutritional Composition and Health Benefits of Psyllium (<i>Plantago ovata</i>) Husk and Seed. <i>Nutrition Today</i> , 2020, 55, 313-321. | 0.6 | 6 |
| 23 | Nootropic medicinal plants: Therapeutic alternatives for Alzheimer's disease. <i>Journal of Herbal Medicine</i> , 2019, 17-18, 100291. | 1.0 | 23 |
| 24 | Quality assessment of oil and biodiesel derived from <i>Balanites aegyptiaca</i> collected from different regions of Rajasthan. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 22, 101374. | 1.5 | 7 |
| 25 | Optical studies on bismuth chalcogenides. <i>Materials Today: Proceedings</i> , 2019, 10, 142-150. | 0.9 | 3 |
| 26 | Is Pouch Specific to Colon and Not Ileum?. <i>Current Pediatric Reviews</i> , 2019, 15, 259-264. | 0.4 | 0 |
| 27 | An appraisal of cuticular wax of <i>Calotropis procera</i> (Ait.) R. Br.: Extraction, chemical composition, biosafety and application. <i>Journal of Hazardous Materials</i> , 2019, 368, 397-403. | 6.5 | 12 |
| 28 | Translation initiation codon (ATG) or SCoT markers-based polymorphism study within and across various <i>Capsicum</i> accessions: insight from their amplification, cross-transferability and genetic diversity. <i>Journal of Genetics</i> , 2019, 98, 1. | 0.4 | 22 |
| 29 | The potential application of genome editing by using CRISPR/Cas9, and its engineered and ortholog variants for studying the transcription factors involved in the maintenance of phosphate homeostasis in model plants. <i>Seminars in Cell and Developmental Biology</i> , 2019, 96, 77-90. | 2.3 | 14 |
| 30 | Assessment of genetic diversity in 29 rose germplasm using SCoT marker. <i>Journal of King Saud University - Science</i> , 2019, 31, 780-788. | 1.6 | 48 |
| 31 | Differential and developmental stage specific abundance of <i>Zmdreb2a</i> mRNA transcripts under drought stress and root development in <i>Zea mays</i> (L.). <i>Plant OMICS</i> , 2019, , 78-86. | 0.4 | 0 |
| 32 | Prediction of homologous genes by extracting <i>Glycine max</i> transcriptome using Hidden Markov Model. <i>Asian Journal of Pharmacy and Pharmacology</i> , 2019, 5, 1117-1121. | 0.1 | 0 |
| 33 | Translation initiation codon (ATG) or SCoT markers-based polymorphism study within and across various accessions: insight from their amplification, cross-transferability and genetic diversity. <i>Journal of Genetics</i> , 2019, 98, . | 0.4 | 0 |
| 34 | Electrochemical hydrogen evolution and storage studies on bismuth nano hexagons. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 21642-21648. | 3.8 | 15 |
| 35 | Rapid biosynthesis and characterization of silver nanoparticles: an assessment of antibacterial and antimycotic activity. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1. | 1.1 | 13 |
| 36 | Evaluation of Carbon Sequestration Potential in Amla (<i>Emblica officinalis</i> Gaertn.) Orchards in Semi-arid Region of India. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 1655-1660. | 0.4 | 0 |

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|----|---|-----|-----------|
| 37 | SIZ1-mediated SUMOylation during phosphate homeostasis in plants: Looking beyond the tip of the iceberg. <i>Seminars in Cell and Developmental Biology</i> , 2018, 74, 123-132. | 2.3 | 11 |
| 38 | Nutritional and medicinal applications of <i>Moringa oleifera</i> Lam.â€”Review of current status and future possibilities. <i>Journal of Herbal Medicine</i> , 2018, 11, 1-11. | 1.0 | 110 |
| 39 | Electrochemical sensor for detection of mercury (II) ions in water using nanostructured bismuth hexagons. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1. | 1.1 | 29 |
| 40 | Lnc-EPB41-Protein Interactions Associated with Congenital Pouch Colon. <i>Biomolecules</i> , 2018, 8, 95. | 1.8 | 8 |
| 41 | Identification of suitable internal control genes for transcriptional studies in <i>Eleusine coracana</i> under different abiotic stress conditions. <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 793-807. | 1.4 | 6 |
| 42 | Properties, variations, roles, and potential applications of epicuticular wax: a review. <i>Turkish Journal of Botany</i> , 2018, 42, 135-149. | 0.5 | 41 |
| 43 | Acid and enzymatic hydrolysis mediated bioethanol production from biomass of a noxious weedâ€” <i>Parthenium hysterophorus</i> L. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 294-296. | 1.3 | 4 |
| 44 | Nickel accumulation and its effect on growth, physiological and biochemical parameters in millets and oats. <i>Environmental Science and Pollution Research</i> , 2017, 24, 23915-23925. | 2.7 | 57 |
| 45 | RAPD and ISSR marker assessment of genetic diversity in <i>Citrullus colocynthis</i> (L.) Schrad: a unique source of germplasm highly adapted to drought and high-temperature stress. <i>3 Biotech</i> , 2017, 7, 288. | 1.1 | 38 |
| 46 | Molecular modeling and structure-based drug discovery approach reveals protein kinases as off-targets for novel anticancer drug RH1. <i>Medical Oncology</i> , 2017, 34, 176. | 1.2 | 7 |
| 47 | Effect of cadmium on physiological parameters of cereal and millet plantsâ€”A comparative study. <i>International Journal of Phytoremediation</i> , 2017, 19, 225-230. | 1.7 | 19 |
| 48 | Assessment of Functional EST-SSR Markers (Sugarcane) in Cross-Species Transferability, Genetic Diversity among Poaceae Plants, and Bulk Segregation Analysis. <i>Genetics Research International</i> , 2016, 2016, 1-16. | 2.0 | 20 |
| 49 | Rapid synthesis of silver nanoparticles by <i>Pseudomonas stutzeri</i> isolated from textile soil under optimised conditions and evaluation of their antimicrobial and cytotoxicity properties. <i>IET Nanobiotechnology</i> , 2016, 10, 367-373. | 1.9 | 36 |
| 50 | In Vitro Shoot Cultures and Analysis of Steroidal Lactones in <i>Withania coagulans</i> (Stocks) Dunal. <i>Methods in Molecular Biology</i> , 2016, 1391, 259-273. | 0.4 | 4 |
| 51 | Optimization of Extracellular Polymeric Substances production using <i>Azotobacter beijreincii</i> and <i>Bacillus subtilis</i> and its application in chromium (VI) removal. <i>Bioresource Technology</i> , 2016, 214, 604-608. | 4.8 | 74 |
| 52 | Moisture-mediated effects of \hat{I}^3 -irradiation on antioxidant properties of mung bean (<i>Vigna radiate</i> L.) cultivars. <i>Innovative Food Science and Emerging Technologies</i> , 2016, 34, 59-67. | 2.7 | 15 |
| 53 | Biosynthesis and characterization of cadmium sulfide nanoparticles â€” An emphasis of zeta potential behavior due to capping. <i>Materials Chemistry and Physics</i> , 2016, 170, 44-51. | 2.0 | 65 |
| 54 | Quantitative Estimation for Impact of Genomic Features Responsible for 5â€² and 3â€² UTR Formation in Human Genome. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 299-309. | 0.5 | 1 |

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|----|---|-----|-----------|
| 55 | ExcellmiRDB for Translational Genomics: A Curated Online Resource for Extracellular MicroRNAs. OMICS A Journal of Integrative Biology, 2015, 19, 24-30. | 1.0 | 18 |
| 56 | Plant-Based Synthesis of Silver Nanoparticles and Their Characterization. , 2015, , 271-288. | | 17 |
| 57 | Assessment of genetic diversity in Pithecellobium dulce (Roxb.) Benth. germplasm using RAPD and ISSR markers. Trees - Structure and Function, 2015, 29, 637-653. | 0.9 | 11 |
| 58 | Carbohydrates as Potent Nanosynthesizers: A Comparative Account. Journal of Bionanoscience, 2015, 9, 35-42. | 0.4 | 1 |
| 59 | Comparative analysis of phenolic contents and total antioxidant capacity of Moringa oleifera Lam. Pharmacognosy Journal, 2014, 7, 44-51. | 0.3 | 5 |
| 60 | Identification and Characterization of Microsatellites in Expressed Sequence Tags and Their Cross Transferability in Different Plants. International Journal of Genomics, 2014, 2014, 1-12. | 0.8 | 25 |
| 61 | Micropropagation of Terminalia bellerica from nodal explants of mature tree and assessment of genetic fidelity using ISSR and RAPD markers. Physiology and Molecular Biology of Plants, 2014, 20, 509-516. | 1.4 | 27 |
| 62 | Efficient in vitro plant regeneration and generation of transgenic plants in barley (Hordeum vulgare) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0.9 | 10 |
| 63 | Optimization of Agrobacterium-Mediated Genetic Transformation and Regeneration of Transgenic Plants in Indian Cultivar of Barley (Hordeum vulgare L. cv. BL 2). Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2013, 83, 255-264. | 0.4 | 2 |
| 64 | Antimycobacterial activity of Citrullus colocynthis (L.) Schrad. against drug sensitive and drug resistant Mycobacterium tuberculosis and MOTT clinical isolates. Journal of Ethnopharmacology, 2013, 149, 195-200. | 2.0 | 39 |
| 65 | Assessment of Diversity in Solanum surattense Burm. f. Using Morphological and Molecular Markers and Implication for Its Conservation. The National Academy of Sciences, India, 2013, 36, 541-549. | 0.8 | 0 |
| 66 | Phytofabrication of Iron Oxide Nanoparticles Using <i>Calotropis Gigantea</i> L.. Advanced Science Focus, 2013, 1, 318-321. | 0.1 | 3 |
| 67 | Structural and Optical Study of ZnS Nanoparticles Doped with Different Concentration of Co. Springer Proceedings in Physics, 2013, , 183-189. | 0.1 | 5 |
| 68 | Green Synthesis of Silver Nanoparticles and Their Activity Against <i>Mycobacterium tuberculosis</i>. Advanced Science, Engineering and Medicine, 2013, 5, 709-714. | 0.3 | 23 |
| 69 | Diameter Dependent Electronic Properties of Zigzag Single Wall BX (X = N, P, As) Nanotubes: <i>Ab-Initio</i> Study. Journal of Computational and Theoretical Nanoscience, 2012, 9, 1693-1699. | 0.4 | 5 |
| 70 | Isolation and Characterization of Dunaliella Species from Sambhar Lake (India) and its Phylogenetic Position in the Genus Dunaliella Using 18S rDNA. The National Academy of Sciences, India, 2012, 35, 207-213. | 0.8 | 11 |
| 71 | Phloroglucinol Mediated Shoot Bud Elongation in Capsicum annuum L.. The National Academy of Sciences, India, 2012, 35, 331-335. | 0.8 | 6 |
| 72 | MetaMapp: mapping and visualizing metabolomic data by integrating information from biochemical pathways and chemical and mass spectral similarity. BMC Bioinformatics, 2012, 13, 99. | 1.2 | 203 |

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|----|---|-----|-----------|
| 73 | Assessment of Diversity in <i>Terminalia bellerica</i> Roxb. Using Morphological, Phytochemical and Molecular Markers. <i>The National Academy of Sciences, India</i> , 2012, 35, 27-35. | 0.8 | 12 |
| 74 | Optimization of factors influencing microprojectile bombardment-mediated genetic transformation of seed-derived callus and regeneration of transgenic plants in <i>Eleusine coracana</i> (L.) Gaertn. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 109, 401-410. | 1.2 | 39 |
| 75 | Regeneration and <i>Agrobacterium</i> -mediated genetic transformation of <i>Terminalia bellerica</i> Roxb.: a multipurpose tree species. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2012, 48, 304-312. | 0.9 | 6 |
| 76 | Micropropagation of <i>Pithecellobium dulce</i> (Roxb.) Benth a multipurpose leguminous tree and assessment of genetic fidelity of micropropagated plants using molecular markers. <i>Physiology and Molecular Biology of Plants</i> , 2012, 18, 169-176. | 1.4 | 26 |
| 77 | Adventitious shoot regeneration and in vitro biosynthesis of steroidal lactones in <i>Withania coagulans</i> (Stocks) Dunal. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 105, 135-140. | 1.2 | 37 |
| 78 | Factors influencing <i>Agrobacterium tumefaciens</i> -mediated genetic transformation of <i>Eleusine coracana</i> (L.) Gaertn. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 105, 93-104. | 1.2 | 45 |
| 79 | Evaluation of regeneration potential of mature embryo derived callus in Indian cultivars of barley (<i>Hordeum vulgare</i> L.). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2011, 20, 166-172. | 0.9 | 10 |
| 80 | In vitro culture of <i>Capparis decidua</i> and assessment of clonal fidelity of the regenerated plants. <i>Biologia Plantarum</i> , 2010, 54, 126-130. | 1.9 | 36 |
| 81 | Direct shoot regeneration from leaf explants of <i>Jatropha curcas</i> in response to thidiazuron and high copper contents in the medium. <i>Biologia Plantarum</i> , 2010, 54, 369-372. | 1.9 | 52 |
| 82 | Chilli peppers a review on tissue culture and transgenesis. <i>Biotechnology Advances</i> , 2010, 28, 35-48. | 6.0 | 156 |
| 83 | Hydrocarbon phenotyping of algal species using pyrolysis-gas chromatography mass spectrometry. <i>BMC Biotechnology</i> , 2010, 10, 40. | 1.7 | 26 |
| 84 | Micropropagation of <i>Crataeva adansonii</i> D.C. Prodr: An Ornamental Avenue Tree. <i>Methods in Molecular Biology</i> , 2010, 589, 39-46. | 0.4 | 1 |
| 85 | Improved micropropagation protocol and enhancement in biomass and chlorophyll content in <i>Stevia rebaudiana</i> (Bert.) Bertoni by using high copper levels in the culture medium. <i>Scientia Horticulturae</i> , 2009, 119, 315-319. | 1.7 | 60 |
| 86 | Micropropagation of <i>Withania coagulans</i> (Stocks) Dunal: A Critically Endangered Medicinal Herb. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2009, 18, 249-252. | 0.9 | 23 |
| 87 | Micronutrient optimization results into highly improved in vitro plant regeneration in kodo (<i>Paspalum scrobiculatum</i> L.) and finger (<i>Eleusine coracana</i> (L.) Gaertn.) millets. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 94, 105-112. | 1.2 | 39 |
| 88 | High copper levels in the medium improves shoot bud differentiation and elongation from the cultured cotyledons of <i>Capsicum annuum</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2007, 88, 127-133. | 1.2 | 43 |
| 89 | Direct somatic embryogenesis from cotyledon and cotyledonary node explants in bishop's weed <i>Trachyspermum ammi</i> (L.) sprague. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2007, 43, 154-158. | 0.9 | 8 |
| 90 | Micropropagation of <i>eclipta alba</i> (L.) hassk An important medicinal plant. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2005, 41, 658-661. | 0.9 | 38 |

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|-----|--|-----|-----------|
| 91 | Applications of biotechnology for improvement of millet crops: Review of progress and future prospects. <i>Plant Biotechnology</i> , 2005, 22, 81-88. | 0.5 | 48 |
| 92 | Somatic Embryogenesis in <i>Capparis decidua</i> (Forsk) Edgew " A Multipurpose Agroforestry Plant. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2005, 14, 197-200. | 0.9 | 2 |
| 93 | Influence of potassium dihydrogen phosphate on callus induction and plant regeneration in rice (<i>Oryza sativa</i> L.). <i>Cereal Research Communications</i> , 2005, 33, 553-560. | 0.8 | 4 |
| 94 | Optimization of nutrient levels in the medium increases the efficiency of callus induction and plant regeneration in recalcitrant indian barley (<i>Hordeum vulgare</i> L.) in vitro. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2004, 40, 520-527. | 0.9 | 23 |
| 95 | In Vitro Culture of Kodo Millet: Influence of 2,4-D and Picloram in Combination with Kinetin on Callus Initiation and Regeneration. <i>Plant Cell, Tissue and Organ Culture</i> , 2004, 77, 73-79. | 1.2 | 30 |
| 96 | Inorganic nutrient manipulation for highly improved in vitro plant regeneration in finger millet"Eleusine coracana (L.) Gaertn.. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2004, 40, 515-519. | 0.9 | 58 |
| 97 | Optimization of Ionic and Chelated Iron and Its Interaction with Disodium Ethylenediaminetetraacetic Acid for Enhancement of Plant Regeneration in Rice (<i>Oryza sativa</i> L). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2004, 13, 33-37. | 0.9 | 0 |
| 98 | Increased Copper Content of the Medium Improves Plant Regeneration from Immature Embryo Derived Callus of Wheat (<i>Triticum aestivum</i>). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2004, 13, 85-88. | 0.9 | 18 |
| 99 | High Frequency Shoot Organogenesis in <i>Sorghum bicolor</i> (L) Moench. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2004, 13, 149-152. | 0.9 | 6 |
| 100 | Clonal micropropagation of <i>Crataeva adansonii</i> (DC.) Prodr.: A multipurpose tree. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2003, 39, 156-160. | 0.9 | 22 |
| 101 | High copper levels improve callus induction and plant regeneration in <i>Sorghum bicolor</i> (L.) Moench. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2003, 39, 161-164. | 0.9 | 47 |
| 102 | Direct somatic embryogenesis and plant regeneration from leaf cultures of ornamental species of <i>Dianthus</i> . <i>Scientia Horticulturae</i> , 2003, 98, 449-459. | 1.7 | 19 |
| 103 | High efficiency adventitious shoot bud formation and plant regeneration from leaf explants of <i>Dianthus chinensis</i> L.. <i>Scientia Horticulturae</i> , 2002, 96, 205-212. | 1.7 | 41 |
| 104 | Embryogenic Callus Induction and Efficient Plant Regeneration in Pearl Millet. <i>Cereal Research Communications</i> , 2002, 30, 69-74. | 0.8 | 6 |
| 105 | Phenylacetic acid improves bud elongation and in vitro plant regeneration efficiency in <i>Helianthus annuus</i> L.. <i>Plant Cell Reports</i> , 2002, 21, 29-34. | 2.8 | 16 |
| 106 | <i>Agrobacterium tumefaciens</i> " mediated Transformation of Rice Using Coleoptile and Mature Seed-derived Callus. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2001, 10, 121-126. | 0.9 | 12 |
| 107 | De novo differentiation of shoot buds from leaf-callus of <i>Dianthus caryophyllus</i> L. and control of hyperhydricity. <i>Scientia Horticulturae</i> , 2001, 87, 319-326. | 1.7 | 13 |
| 108 | Embryogenic Callus Induction and Efficient Plant Regeneration in Proso Millet. <i>Cereal Research Communications</i> , 2001, 29, 313-320. | 0.8 | 4 |

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|-----|---|-----|-----------|
| 109 | Plant regeneration from mature embryos of 20 cultivars of wheat (<i>Triticum aestivum</i> L. and <i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Over | 0.8 | 13 |
| 110 | Phenylacetic acid improves bud elongation and in vitro plant regeneration efficiency in <i>Capsicum annuum</i> L.. <i>Plant Cell Reports</i> , 1999, 19, 64-68. | 2.8 | 48 |
| 111 | Morphogenesis in Long-term Maintained Immature Embryo-derived Callus of Wheat (<i>Triticum aestivum</i>) Tj ETQq1 1 0.784314 rgBT /O Biochemistry and Biotechnology, 1998, 7, 93-98. | 0.9 | 13 |
| 112 | Endophytic establishment of <i>Azorhizobium caulinodans</i> in wheat. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 341-346. | 1.2 | 75 |
| 113 | Micropropagation of <i>Capparis decidua</i> through In Vitro Shoot Proliferation on Nodal Explants of Mature Tree and Seedling Explants. <i>Journal of Plant Biochemistry and Biotechnology</i> , 1997, 6, 19-23. | 0.9 | 15 |
| 114 | Micropropagation of <i>Dianthus caryophyllus</i> L. " Control of Vitrification. <i>Journal of Plant Biochemistry and Biotechnology</i> , 1997, 6, 35-37. | 0.9 | 3 |
| 115 | Plant regeneration from embryogenic callus of finger millet <i>Eleusine coracana</i> (L.) Gaertn. on higher concentrations of NH ₄ NO ₃ as a replacement of NAA in the medium. <i>Plant Science</i> , 1997, 129, 101-106. | 1.7 | 23 |
| 116 | Plant regeneration from coleoptile tissue of wheat (<i>Triticum aestivum</i> L.). <i>Biologia Plantarum</i> , 1997, 39, 137-141. | 1.9 | 10 |
| 117 | Interactions of rhizobia with rice and wheat. <i>Plant and Soil</i> , 1997, 194, 115-122. | 1.8 | 71 |
| 118 | Somatic Embryogenesis and Long Term High Plant Regeneration from Barley (<i>Hordeum Vulgare</i> L.) Using Picloram. <i>Cereal Research Communications</i> , 1997, 25, 117-126. | 0.8 | 14 |
| 119 | Phenylacetic acid induced organogenesis in cultured leaf segments of <i>Dianthus chinensis</i> . <i>Plant Cell Reports</i> , 1996, 15, 869-872. | 2.8 | 22 |
| 120 | Phenylacetic acid induced organogenesis in cultured leaf segments of <i>Dianthus chinensis</i> . <i>Plant Cell Reports</i> , 1996, 15, 869-872. | 2.8 | 2 |
| 121 | Totipotency of coleoptile tissue in indica rice (<i>Oryza sativa</i> L. cv. ch 1039). <i>Plant Cell Reports</i> , 1995, 14, 245-8. | 2.8 | 28 |
| 122 | Comparison of developmental stages of inflorescence for high frequency plant regeneration in <i>Triticum aestivum</i> L. and <i>T. durum</i> Desf.. <i>Plant Cell Reports</i> , 1995, 15, 227-231. | 2.8 | 25 |
| 123 | Embryogenesis in suspension cultures of <i>Datura innoxia</i> Mill.. <i>Plant Cell Reports</i> , 1993, 12, 581-4. | 2.8 | 6 |
| 124 | Transgenic Rice. , 1993, , 3-20. | | 2 |
| 125 | Transgenic rice plants: Characterization of two generations of seed progeny. <i>Physiologia Plantarum</i> , 1992, 85, 362-366. | 2.6 | 6 |
| 126 | Transgenic Rice: Characterization of Protoplastderived Plants and their Seed Progeny. <i>Journal of Experimental Botany</i> , 1991, 42, 1159-1169. | 2.4 | 33 |

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|-----|---|-----|-----------|
| 127 | High frequency embryoid and plantlet formation from tissue cultures of the Finger millet-Eleusine coracana (L.) Gaertn. <i>Plant Cell Reports</i> , 1990, 9, 93-6. | 2.8 | 24 |
| 128 | Plant regeneration in tissue cultures of pepper (<i>Capsicum annum</i> L. cv. mathania). <i>Plant Cell, Tissue and Organ Culture</i> , 1989, 16, 47-55. | 1.2 | 76 |
| 129 | Plant Regeneration in Callus and Suspension Cultures of <i>Tagetes erecta</i> L. (African Marigold). <i>Journal of Plant Physiology</i> , 1986, 122, 235-241. | 1.6 | 13 |
| 130 | Adventitious Shoot Production from Stem Internode and Callus Cultures of <i>Artemisia scoparia</i> Waldst. et Kit.. <i>Journal of Plant Physiology</i> , 1986, 124, 409-412. | 1.6 | 2 |
| 131 | Selection of <i>Daucus carota</i> somatic hybrids using drug resistance markers and characterization of their mitochondrial genomes. <i>Theoretical and Applied Genetics</i> , 1986, 72, 494-502. | 1.8 | 19 |
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