

Alka Srivastava

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

495
citations

840776

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595
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An evaluation for the standardization of the <i>Allium cepa</i> test as cytotoxicity and genotoxicity assay. <i>Caryologia</i> , 2018, 71, 191-209. | 0.3 | 93 |
| 2 | Plant glutathione transferases – a decade falls short. <i>Canadian Journal of Botany</i> , 2007, 85, 443-456. | 1.1 | 79 |
| 3 | Monitoring of morphotoxic, cytotoxic and genotoxic potential of mancozeb using <i>Allium</i> assay. <i>Chemosphere</i> , 2018, 195, 864-870. | 8.2 | 41 |
| 4 | Elevated antioxidant response and induction of tau-class glutathione S-transferase after glyphosate treatment in <i>Vigna radiata</i> (L.) Wilczek. <i>Pesticide Biochemistry and Physiology</i> , 2011, 99, 111-117. | 3.6 | 40 |
| 5 | Phytotoxicity of pesticides mancozeb and chlorpyrifos: correlation with the antioxidative defence system in <i>Allium cepa</i> . <i>Physiology and Molecular Biology of Plants</i> , 2018, 24, 115-123. | 3.1 | 35 |
| 6 | Morphotoxicity and cytogenotoxicity of pendimethalin in the test plant <i>Allium cepa</i> L. - A biomarker based study. <i>Chemosphere</i> , 2018, 206, 248-254. | 8.2 | 35 |
| 7 | Exogenous Application of Salicylic Acid Mitigates the Toxic Effect of Pesticides in <i>Vigna radiata</i> (L.) Wilczek. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 1185-1194. | 5.1 | 26 |
| 8 | Phyto-genotoxicity of arsenic contaminated soil from Lakhimpur Kheri, India on <i>Vicia faba</i> L.. <i>Chemosphere</i> , 2020, 241, 125063. | 8.2 | 25 |
| 9 | Early Neolithic agriculture (2700–2000 BC) and Kushan period developments (AD 100–300): macrobotanical evidence from Kanisapur in Kashmir, India. <i>Vegetation History and Archaeobotany</i> , 2017, 27, 477. | 2.1 | 13 |
| 10 | Cyto-genotoxic consequences of carbendazim treatment monitored by cytogenetical analysis using <i>Allium</i> root tip bioassay. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 238. | 2.7 | 13 |
| 11 | An efficient protocol for clonal regeneration and excised root culture with enhanced alkaloid content in <i>Thalictrum foliolosum</i> DC. – an endemic and important medicinal plant of temperate Himalayan region. <i>Industrial Crops and Products</i> , 2020, 152, 112504. | 5.2 | 12 |
| 12 | Seed Yield is not Impaired by Chromosome Stickiness in Sodium Azide Treated <i>Trigonella foenum-graecum</i> . <i>Cytologia</i> , 2008, 73, 115-121. | 0.6 | 11 |
| 13 | Biomonitoring of air pollution using antioxidative enzyme system in two genera of family Pottiaceae (Bryophyta). <i>Environmental Pollution</i> , 2016, 216, 512-518. | 7.5 | 9 |
| 14 | Nitric oxide ameliorates the damaging effects of oxidative stress induced by iron deficiency in cyanobacterium <i>Anabaena</i> 7120. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21805-21821. | 5.3 | 7 |
| 15 | Cytomorphologic parameters in monitoring cytogenotoxic effects of fertilizer in <i>Allium cepa</i> L.. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 159. | 2.7 | 7 |
| 16 | Variable monsoons and human adaptations: Archaeological and palaeoenvironmental records during the last 1400 years in north-western India. <i>Holocene</i> , 2020, 30, 1332-1344. | 1.7 | 6 |
| 17 | Biomarker-based evaluation of cytogenotoxic potential of glyphosate in <i>Vigna mungo</i> (L.) Hepper genotypes. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 73. | 2.7 | 6 |
| 18 | Evaluation of Genotoxic Risks Due to Temporal Changes in Soil Urea: Using <i>Allium cepa</i> L. Root Tip Bioassay. <i>Cytologia</i> , 2014, 79, 85-93. | 0.6 | 5 |

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|----|--|-----|-----------|
| 19 | In vitro response of black gram genotypes to herbicide stress and elevation of antioxidative defence system. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1. | 2.1 | 5 |
| 20 | Tryptophan metabolism and evaluation of morphological, biochemical and molecular variations in a field grown plant population derived via direct adventitious shoot bud regeneration from pre-plasmolysed leaves of <i>Catharanthus roseus</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 123, 357-375. | 2.3 | 4 |
| 21 | <i>Thalictrum nainitalense</i> (Ranunculaceae), a new species from the Uttarakhand Himalaya, India. <i>Folia Geobotanica</i> , 2018, 53, 449-455. | 0.9 | 4 |
| 22 | Possible Evidence of Pre-Columbian Transoceanic Voyages Based on Conventional LSC and AMS ¹⁴ C Dating of Associated Charcoal and a Carbonized Seed of Custard Apple (<i>Annona</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.8 | 0 |
| 23 | Meiotic Anomalies in Sodium Azide Induced Tetraploid and Mixoploid of <i>Trigonella foenum-graecum</i> . <i>Cytologia</i> , 2010, 75, 409-419. | 0.6 | 3 |
| 24 | Biomonitoring of Genotoxic Effect of Glyphosate and Pendimethalin in <i>Vigna mungo</i> Populations. <i>Cytologia</i> , 2014, 79, 173-180. | 0.6 | 3 |
| 25 | Monitoring of genotoxic risks of nitrogen fertilizers by <i>Allium cepa</i> L. mitosis bioassay. <i>Caryologia</i> , 2016, , 1-8. | 0.3 | 3 |
| 26 | Desiccation-related responses of antioxidative enzymes and photosynthetic pigments in <i>Brachythecium procumbens</i> (Mitt.) A. Jaeger. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1. | 2.1 | 3 |
| 27 | Bioassessment of Genotoxicity Due to Flux in Soil Nitrogen Dynamics Caused by Addition of Ammonium Nitrate. <i>Cytologia</i> , 2018, 83, 271-275. | 0.6 | 2 |
| 28 | Sporophyte characterization and sporogenesis in <i>Physcomitrium eurystomum</i> Sendtn. (Bryophyta:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.3 | 1 |
| 29 | An adaptive inducible ecological tolerance strategy of <i>Semibarbula orientalis</i> (Web.) Wijk. & Marg. to desiccation stress. <i>Plant Physiology Reports</i> , 2020, 25, 460-471. | 1.5 | 1 |
| 30 | Assessment of various genetic components through NCD-I and NCD-III designs of biparental mating in opium poppy. <i>Journal of Genetics</i> , 2019, 98, 1. | 0.7 | 0 |
| 31 | Effect of glyphosate on morphological, physiological and mitotic parameters of <i>Vigna radiata</i> varieties IPM 02-03 and IPM 02-14. <i>Revista Brasileira De Botanica</i> , 2021, 44, 837-847. | 1.3 | 0 |