

Anath Bandhu Das

List of Publications by Year in descending order

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53
papers

4,240
citations

687363

13
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214800

47
g-index

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all docs

54
docs citations

54
times ranked

4788
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic diversity of twelve triploid bananas and plantains under section Eumusa as evident by chromosome morphology and SSR markers. <i>Nucleus (India)</i> , 2022, 65, 35-48.	2.2	2
2	Induced tolerance against stem-rot disease of low-land indica rice (<i>Oryza sativa</i> var. Manika) caused by <i>Sclerotium oryzae</i> Catt. in sub-lethal dose of cadmium. <i>Journal of Plant Pathology</i> , 2022, 104, 149-165.	1.2	1
3	Chromosome diversity and karyotype asymmetry analysis in four cultivated triploid and three diploid wild genotypes of <i>Musa</i> from North-East India. <i>Nucleus (India)</i> , 2021, 64, 167-179.	2.2	10
4	Chromium stress induced oxidative burst in <i>Vigna mungo</i> (L.) Hepper: physio-molecular and antioxidative enzymes regulation in cellular homeostasis. <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 265-279.	3.1	9
5	Karyotype Variation in Eight Cultivars of Indian Dessert Banana (<i>Musa acuminata</i> L.) of Section Eumusa From Odisha, India. <i>Caryologia</i> , 2021, 74, 23-31.	0.3	1
6	Morpho-taxonomical and karyological study of Gopi banana: an indigenous palatable cultivated variety of <i>Musa</i> – <i>paradisica</i> . <i>Vegetos</i> , 2021, 34, 937.	1.5	1
7	Morphological and molecular diversity of blackgram germplasm collected from Odisha. <i>Ecological Genetics and Genomics</i> , 2021, 20, 100088.	0.5	4
8	Control of stem-rot disease of rice caused by <i>Sclerotium oryzae</i> catt and its cellular defense mechanism – A review. <i>Physiological and Molecular Plant Pathology</i> , 2020, 112, 101536.	2.5	7
9	A New Seeded Diploid Accession of <i>Musa laterita</i> of Section <i>Rhodochlamys</i> ; From Gangtok, Sikkim, India with Morphology, Chromosome Number and Genome Size. <i>Cytologia</i> , 2020, 85, 63-69.	0.6	3
10	Transgenic tobacco expressing <i>Medicago sativa</i> Defensin (Msdef1) confers resistance to various phyto-pathogens. <i>Nucleus (India)</i> , 2020, 63, 179-190.	2.2	3
11	Analysis on Cytotoxicity and Oxidative Damage of Iron Nano-Composite on <i>Allium cepa</i> ; L. Root Meristems. <i>Cytologia</i> , 2020, 85, 325-332.	0.6	4
12	Low dose cadmium (II) induced antifungal activity against blast disease in rice. <i>Physiological and Molecular Plant Pathology</i> , 2019, 108, 101422.	2.5	8
13	Assessment of genetic diversity in ragi [<i>Eleusine coracana</i> (L.) Gaertn] using morphological, RAPD and SSR markers. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2018, 73, 165-176.	1.4	8
14	Aluminium Induced Glutathione is Essential for Developing Resistance Against <i>Fusarium</i> Infection in Wheat. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 721-728.	1.0	2
15	Biochemical basis of aluminum induced resistance in wheat against <i>Fusarium oxysporum</i> . <i>Indian Journal of Plant Physiology</i> , 2017, 22, 56-62.	0.8	1
16	Silver Nitrate Mediated Oxidative Stress Induced Genotoxicity of <i>Allium cepa</i> ; L. <i>Cytologia</i> , 2017, 82, 183-191.	0.6	9
17	Ionic Stress Induced Cytotoxic Effect of Cadmium and Nickel Ions on Roots of <i>Allium cepa</i> ; L. <i>Cytologia</i> , 2017, 83, 143-148.	0.6	4
18	VARIATIONS IN PHYTOCONSTITUENTS AND ANTIMICROBIAL ACTIVITIES IN ECOTYPES OF <i>OXALIS CORNICULATA</i> L. AND <i>OXALIS DEBILIS</i> KUNTH. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016, 8, 270.	0.3	3

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19	In silico mining of EST-SSRs in <i>Arachis hypogaea</i> L. and their utilization for genetic structure and diversity analysis in cultivars/breeding lines in Odisha, India. <i>Molecular Breeding</i> , 2016, 36, 1.	2.1	5
20	Assessment of genetic diversity in 48 landraces of <i>Momordica dioica</i> Roxb. ex Willd. from Odisha, India using RAPD and ISSR markers. <i>Nucleus (India)</i> , 2016, 59, 107-114.	2.2	4
21	Antimicrobial effect of silver zinc oxide (Ag-ZnO) nanocomposite particles. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2015, 8, 47-54.	1.1	28
22	Genotypic variations of ten Indian cultivars of <i>Colocasia esculenta</i> var. <i>antiquorum</i> Schott. evident by chromosomal and RAPD markers. <i>Caryologia</i> , 2015, 68, 44-54.	0.3	13
23	Analysis of Genetic Diversity in 21 Genotypes of Indian Banana Using RAPDs and IRAPs Markers. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2015, 85, 1027-1038.	1.0	4
24	Prasanna K. Mohanty (1934–2013): a great photosynthetiker and a wonderful human being who touched the hearts of many. <i>Photosynthesis Research</i> , 2014, 122, 235-260.	2.9	13
25	Karyotype analysis of ten draught resistant cultivars of Indian taro - <i>Colocasia esculenta</i> cv. <i>antiquorum</i> Schott. <i>Nucleus (India)</i> , 2014, 57, 113-120.	2.2	5
26	Horse Gram. , 2014, , 209-215.		3
27	Salinity-Induced Genes and Molecular Basis of Salt-Tolerant Strategies in Mangroves. , 2013, , 53-86.		11
28	Bioprospecting and Genetic Engineering of Mangrove Genes to Enhance Salinity Tolerance in Crop Plants. , 2013, , 385-456.		5
29	Phenotypic Diversity for Agro-Morphological Traits in 105 Landraces of Rice (<i>Oryza sativa</i> L.) from Santhal Parganas, Jharkhand, India. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2013, 83, 291-304.	1.0	6
30	Cytomixis and Associated Meiotic Abnormalities in Pollen Mother Cells of <i>Chlorophytum tuberosum</i> (Roxb.) Baker. <i>Cytologia</i> , 2013, 78, 157-162.	0.6	2
31	Genetic variability among male populations of a minor mangrove <i>Excoecaria agallocha</i> L. as evident by chromosome morphology and DNA markers. <i>Nucleus (India)</i> , 2011, 54, 39-47.	2.2	6
32	Genetic variation of Indian potato (<i>Solanum tuberosum</i> L.) genotypes using chromosomal and RAPD markers. <i>Crop Breeding and Applied Biotechnology</i> , 2010, 10, 238-246.	0.4	5
33	Changes of soluble proteins in leaf and thylakoid exposed in high saline condition of a mangrove taxa <i>Bruguiera gymnorhiza</i> . <i>Physiology and Molecular Biology of Plants</i> , 2009, 15, 53-59.	3.1	5
34	Chromosome Stability and Inter-population Genetic Variability in a Tree Mangrove <i>Xylocarpus granatum</i> Koen. (Meliaceae) as Revealed by RAPD Markers. <i>Cytologia</i> , 2008, 73, 105-113.	0.6	5
35	Assessment of Genetic Diversity and Phylogenetic analysis of 'Star Cactus' (<i>Astrophytum</i>) Through Chromosome and RAPD Markers. <i>Cytologia</i> , 2008, 73, 179-188.	0.6	9
36	Variation in Chromosome Number, Karyotype and Nuclear DNA Content of Five Species of Indian <i>Typhonium</i> Schott. (Araceae)-A Medicinally Important Plant. <i>Cytologia</i> , 2006, 71, 371-377.	0.6	1

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37	Study of Karyotype Variability and Genome Size in 13 Species of <i>Cassia</i> L. in Interpreting Interspecific Genetic Diversity. <i>Cytologia</i> , 2006, 71, 261-267.	0.6	0
38	Karyotype Analysis and In Situ Nuclear DNA Content in Seven Species of <i>Echinopsis</i> Zucc. of the Family Cactaceae. <i>Cytologia</i> , 2006, 71, 75-79.	0.6	14
39	High salinity reduces the content of a highly abundant 23-kDa protein of the mangrove <i>Bruguiera parviflora</i> . <i>Planta</i> , 2005, 221, 135-140.	3.2	34
40	Salt tolerance and salinity effects on plants: a review. <i>Ecotoxicology and Environmental Safety</i> , 2005, 60, 324-349.	6.0	2,964
41	Salt-stress Induced Alterations in Protein Profile and Protease Activity in the Mangrove <i>Bruguiera parviflora</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004, 59, 408-414.	1.4	52
42	Investigations on the antioxidative defence responses to NaCl stress in a mangrove, <i>Bruguiera parviflora</i> : Differential regulations of isoforms of some antioxidative enzymes. <i>Plant Growth Regulation</i> , 2004, 42, 213-226.	3.4	100
43	Effect of a low dose of aluminum on mitotic and meiotic activity, 4C DNA content, and pollen sterility in rice, <i>Oryza sativa</i> L. cv. Lalat. <i>Ecotoxicology and Environmental Safety</i> , 2004, 59, 70-75.	6.0	36
44	Effects of NaCl stress on nitrogen and phosphorous metabolism in a true mangrove <i>Bruguiera parviflora</i> grown under hydroponic culture. <i>Journal of Plant Physiology</i> , 2004, 161, 921-928.	3.5	101
45	Effects of salinity on biochemical components of the mangrove, <i>Aegiceras corniculatum</i> . <i>Aquatic Botany</i> , 2004, 80, 77-87.	1.6	148
46	Defense potentials to NaCl in a mangrove, <i>Bruguiera parviflora</i> : Differential changes of isoforms of some antioxidative enzymes. <i>Journal of Plant Physiology</i> , 2004, 161, 531-542.	3.5	285
47	Genetic Variability in Six Ecotypes of a Mangrove, <i>Acanthus ilicifolius</i> L., as Revealed by Genome Size and RAPD Markers. <i>Cytologia</i> , 2004, 69, 131-139.	0.6	2
48	New reports of chromosome number and genome size in eight mangroves from coastal Orissa. <i>Caryologia</i> , 2003, 56, 353-358.	0.3	8
49	NaCl stress causes changes in photosynthetic pigments, proteins, and other metabolic components in the leaves of a true mangrove, <i>Bruguiera parviflora</i> , in hydroponic cultures. <i>Journal of Plant Biology</i> , 2002, 45, 28-36.	2.1	247
50	EFFECTS OF DIFFERENT PHYSIOCHEMICAL FACTORS ON REGENERATION OF CYMBOPOGON POLYNEUROS STAPF VIA CALLUS CULTURE AND SUBSEQUENT CHROMOSOMAL STABILITY. <i>Israel Journal of Plant Sciences</i> , 1999, 47, 195-198.	0.5	0
51	Genome Analysis and Variation of 4c DNA Content in the Subtribe Carinae.. <i>Cytologia</i> , 1991, 56, 627-632.	0.6	13
52	Variation in karyotype and nuclear DNA content in different varieties of <i>Foeniculum vulgare</i> Mill.. <i>Cytologia</i> , 1989, 54, 129-134.	0.6	23
53	Biochemical and histological characterisation of <i>Fusarium oxysporum</i> infected wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	1