S Antony Ceasar

List of Publications by Year
in descending order

31 papers	1,333 citations	430442 18 h-index	433756 31 g-index
33 all docs	33 docs citations	33 times ranked	1054 citing authors

#	Article	IF	Citations
1	Replace, reuse, recycle: improving the sustainable use of phosphorus by plants. Journal of Experimental Botany, 2015, 66, 3523-3540.	2.4	135
2	Insert, remove or replace: A highly advanced genome editing system using CRISPR/Cas9. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2333-2344.	1.9	112
3	Agrobacterium-mediated transformation of finger millet (Eleusine coracana (L.) Gaertn.) using shoot apex explants. Plant Cell Reports, 2011, 30, 1759-1770.	2.8	86
4	Phosphate Concentration and Arbuscular Mycorrhizal Colonisation Influence the Growth, Yield and Expression of Twelve PHT1 Family Phosphate Transporters in Foxtail Millet (Setaria italica). PLoS ONE, 2014, 9, e108459.	1.1	84
5	Genetic and genomic resources, and breeding for accelerating improvement of small millets: current status and future interventions. Nucleus (India), 2020, 63, 217-239.	0.9	76
6	Development of transgenic finger millet (Eleusine coracana (L.) Gaertn.) resistant to leaf blast disease. Journal of Biosciences, 2012, 37, 135-147.	0.5	73
7	Finger Millet [Eleusine coracana (L.) Gaertn.] Improvement: Current Status and Future Interventions of Whole Genome Sequence. Frontiers in Plant Science, 2018, 9, 1054.	1.7	71
8	Genetic engineering of crop plants for fungal resistance: role of antifungal genes. Biotechnology Letters, 2012, 34, 995-1002.	1.1	70
9	Genetic engineering of millets: current status and future prospects. Biotechnology Letters, 2009, 31, 779-788.	1.1	60
10	Highly efficient shoot regeneration of Bacopa monnieri (L.) using a two-stage culture procedure and assessment of genetic integrity of micropropagated plants by RAPD. Acta Physiologiae Plantarum, 2010, 32, 443-452.	1.0	54
11	FunctionalÂcharacterization of the PHT1 family transporters of foxtail millet with development of a novel Agrobacterium-mediated transformation procedure. Scientific Reports, 2017, 7, 14064.	1.6	54
12	Identification of putative QTLs for seedling stage phosphorus starvation response in finger millet (Eleusine coracana L. Gaertn.) by association mapping and cross species synteny analysis. PLoS ONE, 2017, 12, e0183261.	1.1	52
13	Using molecular markers to assess the genetic diversity and population structure of finger millet (Eleusine coracana (L.) Gaertn.) from various geographical regions. Genetic Resources and Crop Evolution, 2016, 63, 361-376.	0.8	51
14	Tracing QTLs for Leaf Blast Resistance and Agronomic Performance of Finger Millet (Eleusine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Analyses. PLoS ONE, 2016, 11, e0159264.	1.1	46
15	Assessment of genetic diversity, population structure and relationships in Indian and non-Indian genotypes of finger millet (Eleusine coracana (L.) Gaertn) using genomic SSR markers. SpringerPlus, 2016, 5, 120.	1.2	44
16	Efficient somatic embryogenesis and plant regeneration from shoot apex explants of different Indian genotypes of finger millet (Eleusine coracana (L.) Gaertn.). In Vitro Cellular and Developmental Biology - Plant, 2008, 44, 427-435.	0.9	42
17	Effects of cytokinins, carbohydrates and amino acids on induction and maturation of somatic embryos in kodo millet (Paspalum scorbiculatum Linn.). Plant Cell, Tissue and Organ Culture, 2010, 102, 153-162.	1.2	36
18	Efficient plant regeneration from shoot apex explants of maize (Zea mays) and analysis of genetic fidelity of regenerated plants by ISSR markers. Plant Cell, Tissue and Organ Culture, 2014, 119, 183-196.	1.2	19

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19	The conservation of phosphate-binding residues among PHT1 transporters suggests that distinct transport affinities are unlikely to result from differences in the phosphate-binding site. Biochemical Society Transactions, 2016, 44, 1541-1548.	1.6	18
20	Microsatellite markers of finger millet (Eleusine coracana (L.) Gaertn) and foxtail millet (Setaria) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 other millets. Biocatalysis and Agricultural Biotechnology, 2018, 16, 493-501.	1.5	18
21	Hybridization and hybrid detection through molecular markers in finger millet [<i>Eleusine coracana</i>(L.) Gaertn.]. Journal of Crop Improvement, 2020, 34, 335-355.	0.9	18
22	Prime editing in plants and mammalian cells: Mechanism, achievements, limitations, and future prospects. BioEssays, 2022, 44, .	1.2	18
23	Hepatoprotective effect of bisbenzylisoquinoline alkaloid tiliamosine from Tiliacora racemosa in high-fat diet/diethylnitrosamine-induced non-alcoholic steatohepatitis. Biomedicine and Pharmacotherapy, 2018, 108, 963-973.	2.5	17
24	Expression of PHT1 family transporter genes contributes for low phosphate stress tolerance in foxtail millet (Setaria italica) genotypes. Planta, 2020, 252, 98.	1.6	16
25	Phenotypic responses of foxtail millet (Setaria italica) genotypes to phosphate supply under greenhouse and natural field conditions. PLoS ONE, 2020, 15, e0233896.	1.1	13
26	Genomeâ€wide Identification and in silico Analysis of PHT1 Family Genes and Proteins in Setaria viridis : The Best Model to Study Nutrient Transport in Millets. Plant Genome, 2019, 12, 180019.	1.6	11
27	Feeding World Population Amidst Depleting Phosphate Reserves: The Role of Biotechnological Interventions. Open Biotechnology Journal, 2018, 12, 51-55.	0.6	11
28	Improving abiotic stress tolerance in sorghum: focus on the nutrient transporters and marker-assisted breeding. Planta, 2021, 254, 90.	1.6	9
29	Genomic-Assisted Breeding in Finger Millet (Eleusine Coracana (L.) Gaertn.) for Abiotic Stress Tolerance. , 2021, , 291-317.		8
30	Improvement of millets in the post-genomic era. Physiology and Molecular Biology of Plants, 2022, 28, 669-685.	1.4	6
31	Genome-wide Identification and Analysis of PHT1 Family Genes and Proteins in : The Best Model to Study Nutrient Transport in Millets. Plant Genome, 2018, .	1.6	2