S Antony Ceasar

List of Publications by Year
in descending order

31	1,333	430442	433756
papers	citations	18 h-index	31 g-index

33	33	33	1054
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improvement of millets in the post-genomic era. Physiology and Molecular Biology of Plants, 2022, 28, 669-685.	1.4	6
2	Prime editing in plants and mammalian cells: Mechanism, achievements, limitations, and future prospects. BioEssays, 2022, 44, .	1.2	18
3	Genomic-Assisted Breeding in Finger Millet (Eleusine Coracana (L.) Gaertn.) for Abiotic Stress Tolerance. , 2021, , 291-317.		8
4	Improving abiotic stress tolerance in sorghum: focus on the nutrient transporters and marker-assisted breeding. Planta, 2021, 254, 90.	1.6	9
5	Hybridization and hybrid detection through molecular markers in finger millet [Eleusine coracana(L.) Gaertn.]. Journal of Crop Improvement, 2020, 34, 335-355.	0.9	18
6	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
7	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
8	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
9	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
10	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
11	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
12	Microsatellite markers of finger millet (Eleusine coracana (L.) Gaertn) and foxtail millet (Setaria) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 other millets. Biocatalysis and Agricultural Biotechnology, 2018, 16, 493-501.	1.5	18
13	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
14	Feeding World Population Amidst Depleting Phosphate Reserves: The Role of Biotechnological Interventions. Open Biotechnology Journal, 2018, 12, 51-55.	0.6	11
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	Tracing QTLs for Leaf Blast Resistance and Agronomic Performance of Finger Millet (Eleusine) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Analyses. PLoS ONE, 2016, 11, e0159264.	1.1	46
22	Replace, reuse, recycle: improving the sustainable use of phosphorus by plants. Journal of Experimental Botany, 2015, 66, 3523-3540.	2.4	135
23	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
24	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
25	Development of transgenic finger millet (Eleusine coracana (L.) Gaertn.) resistant to leaf blast disease. Journal of Biosciences, 2012, 37, 135-147.	0.5	73
26	Genetic engineering of crop plants for fungal resistance: role of antifungal genes. Biotechnology Letters, 2012, 34, 995-1002.	1.1	70
27	Agrobacterium-mediated transformation of finger millet (Eleusine coracana (L.) Gaertn.) using shoot apex explants. Plant Cell Reports, 2011, 30, 1759-1770.	2.8	86
28	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
29	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
30	Genetic engineering of millets: current status and future prospects. Biotechnology Letters, 2009, 31, 779-788.	1.1	60
31	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