Vimlendu Bhushan Sinha

List of Publications by Year
in descending order

21 papers	220 citations	1163117 8 h-index	1125743 13 g-index

21 all docs	21 docs citations	21 times ranked	164 citing authors

#	Article	IF	Citations
1	VOZS identification from TEF [Eragrostis tef (Zucc.) Trotter] using in silico tools decipher their involvement in abiotic stress. Materials Today: Proceedings, 2022, 49, 3357-3364.	1.8	4
2	Comparative in silico analysis of Eragrostis tef (Zucc.) Trotter with other species for elucidating presence of growth regulating factors (GRFs). Genetic Resources and Crop Evolution, 2021, 68, 499-512.	1.6	4
3	Auxin supplemented Hoaglandâ€²s medium exhibits potentials of conserving endangered Taxus baccata subsp wallichiana. Vegetos, 2021, 34, 439-446.	1.5	3
4	Advancement of nanoscience in development of conjugated drugs for enhanced disease prevention. Life Sciences, 2021, 268, 118859.	4.3	11
5	Development of hairy root culture in Taxus baccata sub sp wallichiana as an alternative for increased Taxol production. Materials Today: Proceedings, 2021, , .	1.8	5
6	In Silico Approach for Unraveling the Structural and Functional Roles of NF-X1-Like Proteins in Underutilized Cereal Eragrostis tef. Biology Bulletin, 2021, 48, 251-262.	0.5	3
7	Distribution and abundance of CREs in the promoters depicts crosstalk by WRKYs in Tef [Eragrostis tef (Zucc.) Troetter]. Gene Reports, 2021, 23, 101043.	0.8	6
8	An extensive review to facilitate understanding of CRISPR technology as a gene editing possibility for enhanced therapeutic applications. Gene, 2021, 785, 145615.	2.2	9
9	First report for availability of HRT-like genes in Eragrostis tef and in silico analysis for elucidating their potential functions. Plant Gene, 2020, 23, 100230.	2.3	8
10	Identification and characterization of Dof in Tef [Eragrostis tef (Zucc.) Trotter] using in silico approaches. Gene Reports, 2020, 19, 100590.	0.8	13
11	Seed germination responses for varying KNO3 and NaNO3 stress in Trifolium alexandrinum. L cultivars. Biocatalysis and Agricultural Biotechnology, 2020, 25, 101618.	3.1	5
12	Nitrogen Use Efficiency Phenotype and Associated Genes: Roles of Germination, Flowering, Root/Shoot Length and Biomass. Frontiers in Plant Science, 2020, 11, 587464.	3.6	23
13	Phenotyping for Nitrogen Use Efficiency: Rice Genotypes Differ in N-Responsive Germination, Oxygen Consumption, Seed Urease Activities, Root Growth, Crop Duration, and Yield at Low N. Frontiers in Plant Science, 2018, 9, 1452.	3.6	32
14	Salt and osmotic stress response ofÂtobacco plants overexpressing Lepidium latifolium L. RanÂGTPase gene. Indian Journal of Plant Physiology, 2018, 23, 494-498.	0.8	10
15	Physiological response of wheat seeds grown under NaCl and HgCl2 stress. International Journal of Scientific Reports, 2016, 2, 130.	0.1	5
16	Response of Wheat Seeds Grown under NaCl and ZnCl2Stress. Research Journal of Science and Technology, 2016, 8, 77.	0.6	8
17	Biomarker genes for gynaecological cancers. Research Journal of Pharmacy and Technology, 2016, 9, 1641.	0.8	1
18	Isolation and characterization of Ras-related GTP-binding protein (Ran) from Lepidium latifolium L. reveals its potential role in regulating abiotic stress tolerance. Acta Physiologiae Plantarum, 2014, 36, 2353-2360.	2.1	14

#	Article	IF	Citations
19	Overexpression of Ran gene from Lepidium latifolium L. (LlaRan) renders transgenic tobacco plants hypersensitive to cold stress. Molecular Biology Reports, 2014, 41, 5989-5996.	2.3	16
20	Isolation and functional characterization of DNA damage repair protein (DRT) from Lepidium latifolium L.. Comptes Rendus - Biologies, 2014, 337, 302-310.	0.2	12
21	Isolation and characterization of cold responsive NAC gene from Lepidium latifolium. Molecular Biology Reports, 2012, 39, 9629-9638.	2.3	28