

# Vimlendu Bhushan Sinha

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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. <i>Frontiers in Plant Science</i> , 2018, 9, 1452.	3.6	32
2	Isolation and characterization of cold responsive NAC gene from <i>Lepidium latifolium</i> . <i>Molecular Biology Reports</i> , 2012, 39, 9629-9638.	2.3	28
3	Nitrogen Use Efficiency Phenotype and Associated Genes: Roles of Germination, Flowering, Root/Shoot Length and Biomass. <i>Frontiers in Plant Science</i> , 2020, 11, 587464.	3.6	23
4	Overexpression of Ran gene from <i>Lepidium latifolium</i> L. (LlaRan) renders transgenic tobacco plants hypersensitive to cold stress. <i>Molecular Biology Reports</i> , 2014, 41, 5989-5996.	2.3	16
5	Isolation and characterization of Ras-related GTP-binding protein (Ran) from <i>Lepidium latifolium</i> L. reveals its potential role in regulating abiotic stress tolerance. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 2353-2360.	2.1	14
6	Identification and characterization of Dof in <i>Tef</i> [ <i>Eragrostis tef</i> (Zucc.) Trotter] using in silico approaches. <i>Gene Reports</i> , 2020, 19, 100590.	0.8	13
7	Isolation and functional characterization of DNA damage repair protein (DRT) from <i>Lepidium latifolium</i> L.. <i>Comptes Rendus - Biologies</i> , 2014, 337, 302-310.	0.2	12
8	Advancement of nanoscience in development of conjugated drugs for enhanced disease prevention. <i>Life Sciences</i> , 2021, 268, 118859.	4.3	11
9	Salt and osmotic stress response of <i>Tobacco</i> plants overexpressing <i>Lepidium latifolium</i> L. Ran-GTPase gene. <i>Indian Journal of Plant Physiology</i> , 2018, 23, 494-498.	0.8	10
10	An extensive review to facilitate understanding of CRISPR technology as a gene editing possibility for enhanced therapeutic applications. <i>Gene</i> , 2021, 785, 145615.	2.2	9
11	First report for availability of HRT-like genes in <i>Eragrostis tef</i> and in silico analysis for elucidating their potential functions. <i>Plant Gene</i> , 2020, 23, 100230.	2.3	8
12	Response of Wheat Seeds Grown under NaCl and ZnCl <sub>2</sub> Stress. <i>Research Journal of Science and Technology</i> , 2016, 8, 77.	0.6	8
13	Distribution and abundance of CREs in the promoters depicts crosstalk by WRKYs in <i>Tef</i> [ <i>Eragrostis tef</i> (Zucc.) Trotter]. <i>Gene Reports</i> , 2021, 23, 101043.	0.8	6
14	Seed germination responses for varying KNO <sub>3</sub> and NaNO <sub>3</sub> stress in <i>Trifolium alexandrinum</i> L cultivars. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 25, 101618.	3.1	5
15	Development of hairy root culture in <i>Taxus baccata</i> sub sp <i>wallichiana</i> as an alternative for increased Taxol production. <i>Materials Today: Proceedings</i> , 2021, , .	1.8	5
16	Physiological response of wheat seeds grown under NaCl and HgCl <sub>2</sub> stress. <i>International Journal of Scientific Reports</i> , 2016, 2, 130.	0.1	5
17	Comparative in silico analysis of <i>Eragrostis tef</i> (Zucc.) Trotter with other species for elucidating presence of growth regulating factors (GRFs). <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 499-512.	1.6	4
18	VOZS identification from <i>TEF</i> [ <i>Eragrostis tef</i> (Zucc.) Trotter] using in silico tools decipher their involvement in abiotic stress. <i>Materials Today: Proceedings</i> , 2022, 49, 3357-3364.	1.8	4

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19	Auxin supplemented Hoagland's medium exhibits potentials of conserving endangered <i>Taxus baccata</i> subsp <i>wallichiana</i> . <i>Vegetos</i> , 2021, 34, 439-446.	1.5	3
20	In Silico Approach for Unraveling the Structural and Functional Roles of NF-X1-Like Proteins in Underutilized Cereal <i>Eragrostis tef</i> . <i>Biology Bulletin</i> , 2021, 48, 251-262.	0.5	3
21	Biomarker genes for gynaecological cancers. <i>Research Journal of Pharmacy and Technology</i> , 2016, 9, 1641.	0.8	1