

Dev Mani Pandey

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

916
citations

567281

15
h-index

477307

29
g-index

46
all docs

46
docs citations

46
times ranked

1242
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemistry and biosynthesis of insect pigments. <i>European Journal of Entomology</i> , 2014, 111, 149-164.	1.2	130
2	Molecular marker survey and expression analyses of the rice submergence-tolerance gene SUB1A. <i>Theoretical and Applied Genetics</i> , 2010, 121, 1441-1453.	3.6	89
3	Identification of novel drought-responsive microRNAs and trans-acting siRNAs from <i>Sorghum bicolor</i> (L.) Moench by high-throughput sequencing analysis. <i>Frontiers in Plant Science</i> , 2015, 6, 506.	3.6	76
4	Transcriptional Regulatory Network Analysis of MYB Transcription Factor Family Genes in Rice. <i>Frontiers in Plant Science</i> , 2015, 6, 1157.	3.6	76
5	Effect of Growth Regulators on Photosynthesis, Transpiration and Related Parameters in Water Stressed Cotton. <i>Biologia Plantarum</i> , 2001, 44, 475-478.	1.9	49
6	Identification of new stress-induced microRNA and their targets in wheat using computational approach. <i>Plant Signaling and Behavior</i> , 2013, 8, e23932.	2.4	44
7	Extraction and characterization of essential oil components based on geraniol and citronellol from <i>Java citronella</i> (<i>Cymbopogon winterianus</i> Jowitt). <i>Plant Growth Regulation</i> , 2014, 73, 133-145.	3.4	44
8	Identification of conserved drought stress responsive gene-network across tissues and developmental stages in rice. <i>Bioinformatics</i> , 2013, 9, 72-78.	0.5	42
9	Identification of miRNAs in sorghum by using bioinformatics approach. <i>Plant Signaling and Behavior</i> , 2012, 7, 246-259.	2.4	38
10	Hormonal Regulation of Photosynthetic Enzymes in Cotton under Water Stress. <i>Photosynthetica</i> , 2000, 38, 403-407.	1.7	34
11	Effect of drought on physiological aspects of Crassulacean acid metabolism in <i>Doritaenopsis</i> . <i>Plant Science</i> , 2004, 167, 1219-1226.	3.6	29
12	Effect of carbon dioxide on cell growth and saponin production in suspension cultures of <i>Panax ginseng</i> . <i>Biologia Plantarum</i> , 2006, 50, 752-754.	1.9	22
13	ACC deaminase producing rhizobacterium <i>Enterobacter cloacae</i> ZNP-4 enhance abiotic stress tolerance in wheat plant. <i>PLoS ONE</i> , 2022, 17, e0267127.	2.5	19
14	Effect of Growth Regulators on Photosynthetic Metabolites in Cotton under Water Stress. <i>Biologia Plantarum</i> , 2002, 45, 445-448.	1.9	18
15	Gene network modules associated with abiotic stress response in tolerant rice genotypes identified by transcriptome meta-analysis. <i>Functional and Integrative Genomics</i> , 2020, 20, 29-49.	3.5	17
16	Anticancer activity of plant leaves extract collected from a tribal region of India. <i>3 Biotech</i> , 2019, 9, 399.	2.2	16
17	Identification of miRNA, their targets and miPEPs in peanut (<i>Arachis hypogaea</i> L.). <i>Computational Biology and Chemistry</i> , 2019, 83, 107100.	2.3	16
18	Effects of excessive photon on the photosynthetic pigments and violaxanthin de-epoxidase activity in the xanthophyll cycle of spinach leaf. <i>Plant Science</i> , 2005, 168, 161-166.	3.6	13

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19	Method development for optimised green synthesis of gold nanoparticles from <i>Millettia pinnata</i> and their activity in non-small cell lung cancer cell lines. IET Nanobiotechnology, 2019, 13, 626-633.	3.8	13
20	Drought effect on electrophoretic protein pattern of <i>Anoectochilus formosanus</i> . Scientia Horticulturae, 2006, 107, 205-209.	3.6	12
21	Stress-induced degradation of D1 protein and its photoprotection by DCPIP in isolated thylakoid membranes of barley leaf. Biologia Plantarum, 2008, 52, 291-298.	1.9	12
22	Identification and expression analysis of hypoxia stress inducible CCCH-type zinc finger protein genes in rice. Journal of Plant Biology, 2012, 55, 489-497.	2.1	12
23	Identification and annotation of abiotic stress responsive candidate genes in peanut ESTs. Bioinformatics, 2012, 8, 1211-1219.	0.5	10
24	Study on cocoonase, sericin, and degumming of silk cocoon: computational and experimental. Journal of Genetic Engineering and Biotechnology, 2021, 19, 32.	3.3	10
25	The molecular docking and molecular dynamics study of flavonol synthase and flavonoid 3-O-methyltransferase enzymes involved for the enrichment of kaempferol. Journal of Biomolecular Structure and Dynamics, 2023, 41, 2478-2491.	3.5	10
26	Lac dye as a potential anti-neoplastic agent. Journal of Cancer Research and Therapeutics, 2016, 12, 1033.	0.9	8
27	Molecular Dynamics Simulation of Rap1 Myb-type domain in <i>Saccharomyces cerevisiae</i> . Bioinformatics, 2012, 8, 881-885.	0.5	8
28	Photosystem 2-activity and thylakoid membrane polypeptides of in vitro cultured chrysanthemum as affected by NaCl. Biologia Plantarum, 2009, 53, 329-333.	1.9	7
29	Identification of genes related to resin biosynthesis in the Indian lac insect, <i>Kerria lacca</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	7
30	Effects of different irradiances on the photosynthetic process during ex-vitro acclimation of <i>Anoectochilus</i> plantlets. Photosynthetica, 2006, 44, 419-424.	1.7	5
31	In silico analysis of motifs in promoters of Differentially Expressed Genes in rice (<i>Oryza sativa</i> L.) under anoxia. International Journal of Bioinformatics Research and Applications, 2009, 5, 525.	0.2	5
32	Dynamic Changes of Photosynthetic Pigments in Soybean Callus under High Irradiance. Photosynthetica, 2003, 41, 311-314.	1.7	4
33	In Silico Characterization and Analysis of RTBP1 and NgTRF1 Protein Through MD Simulation and Molecular Docking: A Comparative Study. Interdisciplinary Sciences, Computational Life Sciences, 2015, 7, 275-286.	3.6	3
34	Protein-protein docking and molecular dynamics studies of sericin and cocoonase of silkworm: an insight for cocoon softening. Journal of Biomolecular Structure and Dynamics, 2021, , 1-13.	3.5	3
35	High Irradiance Effects on the Xanthophyll Cycle Pigments and the Activity of Violaxanthin De-Epoxidase in Soybean Callus. Photosynthetica, 2004, 42, 153-156.	1.7	2
36	Long-term effects of growth regulators on growth and turnover of symplastic and apoplasmic sugars in the suspension subculture of kidney bean. Journal of Plant Biology, 2004, 47, 21-26.	2.1	2

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37	Identification of GCC-box and TCC-box motifs in the promoters of differentially expressed genes in rice (<i>Oryza sativa</i> L.): Experimental and computational approaches. <i>PLoS ONE</i> , 2019, 14, e0214964.	2.5	2
38	Microstructural changes in rice (<i>Oryza sativa</i> L.) leaves under varying low pH levels: a swept-source optical coherence tomography approach. <i>Laser Physics</i> , 2021, 31, 085601.	1.2	2
39	SVM based model generation for binding site prediction on helix turn helix motif type of transcription factors in eukaryotes. <i>Bioinformatics</i> , 2013, 9, 500-505.	0.5	2
40	In silico structural and functional characterization of <i>Antheraea mylitta</i> cocoonase. <i>Journal of Genetic Engineering and Biotechnology</i> , 2022, 20, 102.	3.3	2
41	Identification of single exon genes and their encoded proteins in rice (<i>Oryza sativa</i> L.) genome: an in silico approach. <i>International Journal of Bioinformatics Research and Applications</i> , 2011, 7, 376.	0.2	1
42	In silico characterization and analysis of RTBP1 and NgTRF1 protein through MD simulation and molecular docking – A comparative study. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2015, 7, 275.	3.6	1
43	Annotation of Stress-Responsive Candidate Genes in Peanut ESTs. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2015, 7, 143-151.	3.6	1
44	Changes in contents of photosynthetic pigments and ribulose-1,5-bisphosphate carboxylase activity during the development of globular somatic embryo into the plantlet of Siberian ginseng. <i>Photosynthetica</i> , 2006, 44, 221-226.	1.7	0
45	Molecular modeling and dynamics study of nonsynonymous SNP in bread wheat HSP16.9B gene. , 2016, , .		0
46	Co-expression network analysis of acidic-responsive genes in <i>Arabidopsis thaliana</i> signifies hub genes expression and their key role assessment for acidity tolerance in <i>Oryza sativa</i> L. <i>Biologia (Poland)</i> , 2021, 76, 3175-3190.	1.5	0