Ramesh Namdeo Pudake

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7240577/publications.pdf

Version: 2024-02-01

41	820	687335	610883
papers	citations	13 h-index	24 g-index

42	42	42	1155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide identification and expression profiling of auxin response factor (ARF) gene family in maize. BMC Genomics, 2011, 12, 178.	2.8	189
2	A Small Cysteine-Rich Protein from the Asian Soybean Rust Fungus, Phakopsora pachyrhizi, Suppresses Plant Immunity. PLoS Pathogens, 2016, 12, e1005827.	4.7	79
3	Evaluation of comparative effects of arbuscular mycorrhiza (Rhizophagus intraradices) and endophyte (Piriformospora indica) association with finger millet (Eleusine coracana) under drought stress. European Journal of Soil Biology, 2017, 81, 1-10.	3.2	72
4	The E3 Ligase TaSAP5 Alters Drought Stress Responses by Promoting the Degradation of DRIP Proteins. Plant Physiology, 2017, 175, 1878-1892.	4.8	64
5	Association of staygreen trait with canopy temperature depression and yield traits under terminal heat stress in wheat (Triticum aestivum L.). Euphytica, 2013, 190, 87-97.	1.2	56
6	Antibacterial Activity of Cu Nanoparticles against E. coli, Staphylococcus aureus and Pseudomonas aeruginosa. Nano Biomedicine and Engineering, 2017, 9, .	0.9	45
7	Investigation of the Fusarium virguliforme fvtox1 mutants revealed that the FvTox1 toxin is involved in foliar sudden death syndrome development in soybean. Current Genetics, 2013, 59, 107-117.	1.7	44
8	Expression of four phosphate transporter genes from Finger millet (Eleusine coracana L.) in response to mycorrhizal colonization and Pi stress. 3 Biotech, 2017, 7, 17.	2.2	34
9	A new tactics for the detection of S. aureus via paper based geno-interface incorporated with graphene nano dots and zeolites. International Journal of Biological Macromolecules, 2018, 112, 364-370.	7.5	28
10	Antibacterial activity of poly (vinyl alcohol)â€"biogenic silver nanocomposite film for food packaging material. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2018, 9, 025020.	1.5	28
11	Green synthesis of highly stable carbon nanodots and their photocatalytic performance. IET Nanobiotechnology, 2017, 11, 360-364.	3.8	25
12	A systematic review on SARSâ€CoVâ€2â€associated fungalÂcoinfections. Journal of Medical Virology, 2022, 94, 99-109.	5.0	23
13	Molecular Mechanism of Plantâ€"Nanoparticle Interactions. , 2016, , 155-181.		19
14	Genome-wide identification of major protein families of cyanobacteria and genomic insight into the circadian rhythm. European Journal of Phycology, 2017, 52, 149-165.	2.0	14
15	A candidate male-fertility female-fertility gene tagged by the soybean endogenous transposon, Tgm9. Functional and Integrative Genomics, 2013, 13, 67-73.	3.5	13
16	Effect of Rhizophagus intraradices on growth and physiological performance of Finger Millet (Eleusine coracana L.) under drought stress. Plant Science Today, 2021, 8, .	0.7	12
17	Graphene Based Electrochemical DNA Biosensor for Detection of False Smut of Rice (Ustilaginoidea) Tj ETQq1 1 0.784314 rgBT /Over	1.7	10
18	Use Nanotools for Weed Control and Exploration of Weed Plants in Nanotechnology. , 2019, , 207-231.		10

#	Article	IF	Citations
19	The Impact of AMF Symbiosis in Alleviating Drought Tolerance in Field Crops. , 2017, , 211-234.		8
20	Transposon Tagging of a Male-Sterility, Female-Sterility Gene, St8, Revealed that the Meiotic MER3 DNA Helicase Activity Is Essential for Fertility in Soybean. PLoS ONE, 2016, 11, e0150482.	2.5	8
21	Biochemical responses of maize seedlings exposed to SnNPs. Micro and Nano Letters, 2019, 14, 645-649.	1.3	5
22	Plant Metabolites Involved in Plantâ€“Pathogen Interactions. , 2019, , 61-84.		5
23	Engineered Nanoparticles for Increasing Micronutrient Use Efficiency. , 2019, , 25-49.		4
24	Spectrophotometric Assays to Evaluate the Rhizospheric Microbes Mediated Drought Tolerance in Plants. , 2017, , 413-429.		3
25	Targeted Gene Disruption Tools for Fungal Genomics. , 2017, , 81-102.		3
26	Development of PCR-based molecular marker for screening of disease-suppressive composts against Fusarium wilt of tomato (Solanum lycopersicum L.). 3 Biotech, 2018, 8, 306.	2.2	3
27	Biogenic ZnO Nanoflowers: As an Alternative Antibacterial Nanomedicine. Current Nanomedicine, 2022, 12, 76-81.	0.6	3
28	Proteomics for Understanding the Interaction Between Plant and Rhizospheric Microflora. Rhizosphere Biology, 2021, , 113-129.	0.6	2
29	Sterilization procedure and callus regeneration in black turmeric (Curcuma caesia). Agricultural Science Digest, 2019, 6, .	0.1	2
30	Advances in Genetic Transformation of Litchi. , 2017, , 421-436.		1
31	Advancements in Biosensors for Fungal Pathogen Detection in Plants. Concepts and Strategies in Plant Sciences, 2021, , 205-216.	0.5	1
32	Advancements and Future Predictions on Diagnostic Approaches towards Cervical Cancer through Nanotechnology-Based Sensors for the Detection of Human Papillomavirus. Clinical Oncology and Research, 2021, , 1-7.	0.0	1
33	Current status and future prospects of nanoparticles as plant genetic materials carrier. , 2022, , 407-424.		1
34	Exploration and Utilisation of Camouflaging Plants for Defence Use with Emphasis to North East India. , 2016, , 153-163.		0
35	Assessment of Genetic Diversity in Indigenous Plants from Northeast India Using Molecular Marker Technology. , 2016, , 181-192.		0
36	Heat stress-induced activation of a Trichoderma harzianum PIL superfamily gene. Gene Reports, 2017, 6, 44-48.	0.8	0

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37	Volatile Organic Compounds (VOCs) Sensors for Stress Management in Crops. Concepts and Strategies in Plant Sciences, 2021, , 81-95.	0.5	0
38	Recent Advances in Biosensor Development for Poultry Industry. Concepts and Strategies in Plant Sciences, 2021, , 435-453.	0.5	0
39	Cloning and Characterization of a Novel Wheat Glycoside Hydrolase Gene <I>TaGlc2</I> Induced by Powdery Mildew Pathogen (<I>Erysiphe graminis</I>) Infection. Acta Agronomica Sinica(China), 2009, 35, 786-794.	0.3	0
40	Use of Mycorrhizal Fungi as a Strategy for Improving the Drought Tolerance in Finger Millet [Eleusine coracana (L.) Gaertn]. , 2017, 07, .		0
41	Recent Advances in Plant Pathogen Control by Nanocides. , 2019, , 101-137.		0