Umesh Goutam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6584914/publications.pdf

Version: 2024-02-01

32	326	933447	940533
papers	citations	10	16
		h-index	g-index

32	32	32	315
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent trends and perspectives of molecular markers against fungal diseases in wheat. Frontiers in Microbiology, 2015, 6, 861.	3.5	55
2	Functional genomic approaches to improve crop plant heat stress tolerance. F1000Research, 2019, 8, 1721.	1.6	31
3	Impact of heat stress on potato (Solanum tuberosum L.): present scenario and future opportunities. Journal of Horticultural Science and Biotechnology, 2020, 95, 407-424.	1.9	28
4	Milestones achieved in response to drought stress through reverse genetic approaches. F1000Research, 2018, 7, 1311.	1.6	22
5	Green Silver Nanoparticles for Phytopathogen Control. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2020, 90, 439-446.	1.0	21
6	Potato biofortification: an effective way to fight global hidden hunger. Physiology and Molecular Biology of Plants, 2021, 27, 2297-2313.	3.1	17
7	Potato Periderm is the First Layer of Defence against Biotic and Abiotic Stresses: a Review. Potato Research, 2021, 64, 131-146.	2.7	15
8	Multiple shoot proliferation, bulblet induction and evaluation of genetic stability in Asiatic hybrid lily (Lilium sp.). Indian Journal of Plant Physiology, 2013, 18, 354-359.	0.8	14
9	Nardostachys jatamansi (D.Don) DC.: An invaluable and constantly dwindling resource of the Himalayas. South African Journal of Botany, 2020, 135, 252-267.	2.5	13
10	Biofortification Strategies to Improve Iron Concentrations in Potato Tubers: Lessons and Future Opportunities. Potato Research, 2022, 65, 51-64.	2.7	12
11	Meta-topolin-mediated regeneration and accumulation of phenolic acids in the critically endangered medicinal plant Crinum malabaricum (Amaryllidaceae): A potent source of galanthamine. South African Journal of Botany, 2022, 149, 853-859.	2.5	11
12	Validation of molecular response of tuberization in response to elevated temperature by using a transient Virus Induced Gene Silencing (VIGS) in potato. Functional and Integrative Genomics, 2021, 21, 215-229.	3.5	10
13	CRISPR/Cas9-mediated genome editing is revolutionizing the improvement of horticultural crops: Recent advances and future prospects. Scientia Horticulturae, 2021, 289, 110476.	3.6	10
14	VIGS: a flexible tool for the study of functional genomics of plants under abiotic stresses. Journal of Crop Improvement, 2019, 33, 567-604.	1.7	8
15	Solanum tuberosum (CYCLING DOF FACTOR) CDF1.2 allele: A candidate gene for developing earliness in potato. South African Journal of Botany, 2020, 132, 242-248.	2.5	8
16	Recent Approaches for Late Blight Disease Management of Potato Caused by Phytophthora infestans. , 2018, , 311-325.		7
17	Allelic variations of functional markers for polyphenol oxidase (PPO) genes in Indian bread wheat (Triticum aestivum L.) cultivars. Journal of Genetics, 2009, 88, 325-329.	0.7	6
18	Allelic variations of functional markers for high molecular weight glutenin genes in Indian wheat (Triticum aestivum L.) cultivars and their correlation with bread loaf volume. Indian Journal of Plant Physiology, 2015, 20, 97-102.	0.8	6

#	Article	IF	Citations
19	Variable polyphenol oxidase (PPO) activity indicates grain quality in bread wheat (Triticum aestivum) Tj ETQq1 1 0.784314 rgBT /Over	0.8	6
20	Fungal Disease Management in Chickpea: Current Status and Future Prospects. , 2018, , 293-309.		5
21	Effect of Nutrients on Diatom Growth: A Review. Trends in Sciences, 2022, 19, 1752.	0.5	4
22	Genotypic variations for tuber nutrient content, dry matter and agronomic traits in tetraploid potato germplasm. Physiology and Molecular Biology of Plants, 2022, 28, 1233-1248.	3.1	4
23	A simple protocol for high frequency plant regeneration and enhancing Shikonin production from callus cultures in Arnebia hispidissima. South African Journal of Botany, 2022, 149, 781-788.	2.5	3
24	Natural Products for Fungal Diseases Management and Prevention. Natural Products Journal, 2022, 12, 60-69.	0.3	2
25	Phytoremediation: A New Hope for the Environment. , 2012, , 149-171.		2
26	Changing Trends in Microalgal Energy Production- Review of Conventional and Emerging Approaches. Journal of Pure and Applied Microbiology, 2017, 11, 993-1007.	0.9	2
27	Deep-marine bacteriaâ€"The Frontier alternative for heavy metals bioremediation. , 2022, , 429-450.		2
28	Prevalence of Multiple Antibiotic Resistant Nasal Carriage MRSA Among Healthy Population of Border Villages in Amritsar Region, Punjab, India. Journal of Clinical and Diagnostic Research JCDR, 2016, 10, DL01-2.	0.8	1
29	Genetic Engineering of Poplar: Current Achievements and Future Goals. , 2017, , 361-390.		1
30	CRISPR-CAS9: A GENOME EDITING TOOL FOR IMPROVEMENT OF BIOFUEL PRODUCTION IN DIATOMS: A REVIEW. Plant Archives, 2021, 21, 202-209.	0.2	0
31	Role of Metagenomics in Plant Disease Management. Environmental and Microbial Biotechnology, 2021, , 203-220.	0.7	0
32	dsRNA: The next-generation foliar fungicide. , 2020, , 123-135.		0