Dinesh Singh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2930618/publications.pdf

Version: 2024-02-01

33	521	687363 13	713466 21
papers	citations	h-index	g-index

33	33	33	361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetics and Molecular Mapping of Black Rot Resistance Locus Xca1bc on Chromosome B-7 in Ethiopian Mustard (Brassica carinata A. Braun). PLoS ONE, 2016, 11, e0152290.	2.5	55
2	In vitro and in vivo activity of essential oils against major postharvest pathogens of Kinnow (Citrus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	49
3	Introgression of Black Rot Resistance from Brassica carinata to Cauliflower (Brassica oleracea) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.6	49
4	Edible coatings influence the cold-storage life and quality of â€˜Santa Rosaâ€™ plum (Prunus salicina) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.8	38
5	Genetic and Pathogenic Variability of Indian Strains of Xanthomonas campestris pv. campestris Causing Black Rot Disease in Crucifers. Current Microbiology, 2011, 63, 551-560.	2.2	34
6	New source of black rot disease resistance in Brassica oleracea and genetic analysis of resistance. Euphytica, 2016, 207, 35-48.	1.2	32
7	Screening and Biocontrol Potential of Rhizobacteria Native to Gangetic Plains and Hilly Regions to Induce Systemic Resistance and Promote Plant Growth in Chilli against Bacterial Wilt Disease. Plants, 2021, 10, 2125.	3.5	32
8	Potential of Bacillus amyloliquefaciens for Biocontrol of Bacterial Wilt of Tomato Incited by Ralstonia solanacearum. Journal of Plant Pathology & Microbiology, 2016, 07, .	0.3	28
9	Unraveling Microbial Volatile Elicitors Using a Transparent Methodology for Induction of Systemic Resistance and Regulation of Antioxidant Genes at Expression Levels in Chili against Bacterial Wilt Disease. Antioxidants, 2022, 11, 404.	5.1	28
10	Effect of temperature, cultivars, injury of root and inoculums load ofRalstonia solanacearumto cause bacterial wilt of tomato. Archives of Phytopathology and Plant Protection, 2014, 47, 1574-1583.	1.3	26
11	Aqueous ozone controls decay and maintains quality attributes of strawberry (Fragariaâ€‰Ã—â€‰ananassa) Tj ETQq1 1 0.784314 rgB	2.8	26
12	Inter specific hybridization (Brassica carinataÂÃ—ÂBrassica oleracea) for introgression of black rot resistance genes into Indian cauliflower (B. oleracea var. botrytis L.).. Euphytica, 2015, 204, 149-162.	1.2	18
13	A novel framework for image-based plant disease detection using hybrid deep learning approach. Soft Computing, 2023, 27, 13613-13638.	3.6	15
14	Chickpea wilt: status, diagnostics and management. Indian Phytopathology, 2019, 72, 619-627.	1.2	12
15	Detection of Ralstonia solanacearum from Asymptomatic Tomato Plants, Irrigation Water, and Soil Through Non-selective Enrichment Medium with hrp Gene-Based Bio-PCR. Current Microbiology, 2014, 69, 127-134.	2.2	11
16	Black Rot Disease Incited by Indian Race 1 of Xanthomonas campestris pv. campestris in Brassica juncea â€˜Pusa Boldâ€™ in India. Plant Disease, 2023, 107, 212.	1.4	9
17	Phenolic Content Pattern, Polyphenol Oxidase and Lipoxygenase Activity in Relation to Albinism, Fruit Malformation and Nubbins Production in Strawberry (Fragaria x ananassa Duch). Journal of Plant Biochemistry and Biotechnology, 2010, 19, 67-72.	1.7	7
18	A machine learning-based spray prediction model for tomato powdery mildew disease. Indian Phytopathology, 2022, 75, 225-230.	1.2	7

#	Article	IF	Citations
19	Simultaneous Detection of Brown Rot- and Soft Rot-Causing Bacterial Pathogens from Potato Tubers Through Multiplex PCR. Current Microbiology, 2016, 73, 652-659.	2.2	6
20	Microspore derived population developed from an inter-specific hybrid (Brassica oleraceaâ€‰Ã—â€‰B. carinata) through a modified protocol provides insight into B genome derived black rot resistance and inter-genomic interaction. Plant Cell, Tissue and Organ Culture, 2021, 145, 417-434.	2.3	6
21	Protocol for Isolation and Identification of Agrobacterium Isolates from Stone Fruit Plants and Sensitivity of Native A. tumefaciens Isolates against Agrocin Produced by A. radiobacter Strain K84. The National Academy of Sciences, India, 2013, 36, 79-84.	1.3	5
22	Biological Characterization and Genetic Diversity of Indian Strains of Ralstonia solanacearum Biovars 3 and 4 Causing Bacterial Wilt of Tomato. Journal of Plant Pathology & Microbiology, 2018, 09, .	0.3	5
23	Whole-Genome Sequence Resource of Indian Race 4 of Xanthomonas campestris pv. campestris, the Causal Agent of Black Rot Disease of Brassica oleracea var. capitata. Plant Disease, 2022, 106, 1502-1505.	1.4	5
24	Characterization and genetic diversity of Pantoea agglomerans isolates having dual potentiality to suppress growth of Ralstonia solanacearum and plant growth promoting ability. Indian Phytopathology, 2020, 73, 643-653.	1.2	3
25	Fractional mega trend diffusion function-based feature extraction for plant disease prediction. International Journal of Machine Learning and Cybernetics, 2023, 14, 187-212.	3.6	3
26	A hybrid approach for noise reduction-based optimal classifier using genetic algorithm: A case study in plant disease prediction. Intelligent Data Analysis, 2022, 26, 1023-1049.	0.9	3
27	Virulence analysis and genetic diversity ofXanthomonas campestrispv.campestriscausing black rot of crucifers. Archives of Phytopathology and Plant Protection, 2013, 46, 227-242.	1.3	2
28	Distribution of bacterial stalk rot disease of maize in India and identification of causal agent using biochemical and fliC gene based marker and its sensitivity against chemicals and bacterial antagonist. Indian Phytopathology, 2022, 75, 517-525.	1.2	2
29	Synergistic effect of Bacillus subtilis and boric acid on management of bacterial wilt disease of potato caused by Ralstonia solanacearum in coastal plains of Odisha under field conditions. Indian Phytopathology, 2018, 71, 431-434.	1.2	1
30	Characterisation and diversity of Indian isolates of Ralstonia solanacearum causing bacterial wilt of Capsicum annuum L.. Archives of Phytopathology and Plant Protection, 2018, 51, 267-276.	1.3	1
31	Characterization and diversity of Indian isolates of Ralstonia solanacearum inciting bacterial wilt of tomato. Indian Phytopathology, 2021, 74, 425-429.	1.2	1
32	Effect of chemical elicitors on the differential expression pattern of PR genes in susceptible and resistant cultivars of tomato against bacterial wilt disease caused by Ralstonia solanacearum. Physiological and Molecular Plant Pathology, 2021, 116, 101689.	2.5	1
33	Detection of Seed and Propagating Material-Borne Bacterial Diseases of Economically Important Crops. , 2020, , 143-167.		1