

# Dinesh Singh

## List of Publications by Year in descending order

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33  
papers

521  
citations

687363

13  
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713466

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A novel framework for image-based plant disease detection using hybrid deep learning approach. Soft Computing, 2023, 27, 13613-13638.	3.6	15
3	Black Rot Disease Incited by Indian Race 1 of <i>Xanthomonas campestris</i> pv. <i>campestris</i> in <i>Brassica juncea</i> "Pusa Bold"™ in India. Plant Disease, 2023, 107, 212.	1.4	9
4	A machine learning-based spray prediction model for tomato powdery mildew disease. Indian Phytopathology, 2022, 75, 225-230.	1.2	7
5	Distribution of bacterial stalk rot disease of maize in India and identification of causal agent using biochemical and flhC gene based marker and its sensitivity against chemicals and bacterial antagonist. Indian Phytopathology, 2022, 75, 517-525.	1.2	2
6	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
7	Whole-Genome Sequence Resource of Indian Race 4 of <i>Xanthomonas campestris</i> pv. <i>campestris</i> , the Causal Agent of Black Rot Disease of <i>Brassica oleracea</i> var. <i>capitata</i> . Plant Disease, 2022, 106, 1502-1505.	1.4	5
8	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
9	Microspore derived population developed from an inter-specific hybrid ( <i>Brassica oleracea</i> — <i>B. carinata</i> ) 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
10	Characterization and diversity of Indian isolates of <i>Ralstonia solanacearum</i> inciting bacterial wilt of tomato. Indian Phytopathology, 2021, 74, 425-429.	1.2	1
11	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 <i>Ralstonia solanacearum</i> . Physiological and Molecular Plant Pathology, 2021, 116, 101689.	2.5	1
12	Screening and Biocontrol Potential of Rhizobacteria Native to Gangetic Plains and Hilly Regions to Induce Systemic Resistance and Promote Plant Growth in Chili against Bacterial Wilt Disease. Plants, 2021, 10, 2125.	3.5	32
13	Aqueous ozone controls decay and maintains quality attributes of strawberry ( <i>Fragaria</i> — <i>ananassa</i> ) Tj ETQq1 1 0.784314 r BT /Overl 2.8 26	2.8	26
14	Characterization and genetic diversity of <i>Pantoea agglomerans</i> isolates having dual potentiality to suppress growth of <i>Ralstonia solanacearum</i> and plant growth promoting ability. Indian Phytopathology, 2020, 73, 643-653.	1.2	3
15	Detection of Seed and Propagating Material-Borne Bacterial Diseases of Economically Important Crops. , 2020, , 143-167.		1
16	Chickpea wilt: status, diagnostics and management. Indian Phytopathology, 2019, 72, 619-627.	1.2	12
17	Edible coatings influence the cold-storage life and quality of "Santa Rosa"™ plum ( <i>Prunus salicina</i> ) Tj ETQq1 1 0.784314 r BT /Overl 2.8 38	2.8	38
18	Synergistic effect of <i>Bacillus subtilis</i> and boric acid on management of bacterial wilt disease of potato caused by <i>Ralstonia solanacearum</i> in coastal plains of Odisha under field conditions. Indian Phytopathology, 2018, 71, 431-434.	1.2	1

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19	Biological Characterization and Genetic Diversity of Indian Strains of <i>Ralstonia solanacearum</i> Biovars 3 and 4 Causing Bacterial Wilt of Tomato. <i>Journal of Plant Pathology &amp; Microbiology</i> , 2018, 09, .	0.3	5
20	Characterisation and diversity of Indian isolates of <i>Ralstonia solanacearum</i> causing bacterial wilt of <i>Capsicum annuum</i> L. <i>Archives of Phytopathology and Plant Protection</i> , 2018, 51, 267-276.	1.3	1
21	Introgression of Black Rot Resistance from <i>Brassica carinata</i> to Cauliflower ( <i>Brassica oleracea</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.6	49
22	Potential of <i>Bacillus amyloliquefaciens</i> for Biocontrol of Bacterial Wilt of Tomato Incited by <i>Ralstonia solanacearum</i> . <i>Journal of Plant Pathology &amp; Microbiology</i> , 2016, 07, .	0.3	28
23	Simultaneous Detection of Brown Rot- and Soft Rot-Causing Bacterial Pathogens from Potato Tubers Through Multiplex PCR. <i>Current Microbiology</i> , 2016, 73, 652-659.	2.2	6
24	New source of black rot disease resistance in <i>Brassica oleracea</i> and genetic analysis of resistance. <i>Euphytica</i> , 2016, 207, 35-48.	1.2	32
25	Genetics and Molecular Mapping of Black Rot Resistance Locus Xca1bc on Chromosome B-7 in Ethiopian Mustard ( <i>Brassica carinata</i> A. Braun). <i>PLoS ONE</i> , 2016, 11, e0152290.	2.5	55
26	Inter specific hybridization ( <i>Brassica carinata</i> — <i>Brassica oleracea</i> ) for introgression of black rot resistance genes into Indian cauliflower ( <i>B. oleracea</i> var. <i>botrytis</i> L.).. <i>Euphytica</i> , 2015, 204, 149-162.	1.2	18
27	In vitro and in vivo activity of essential oils against major postharvest pathogens of Kinnow ( <i>Citrus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.8	49
28	Effect of temperature, cultivars, injury of root and inoculums load of <i>Ralstonia solanacearum</i> to cause bacterial wilt of tomato. <i>Archives of Phytopathology and Plant Protection</i> , 2014, 47, 1574-1583.	1.3	26
29	Detection of <i>Ralstonia solanacearum</i> from Asymptomatic Tomato Plants, Irrigation Water, and Soil Through Non-selective Enrichment Medium with <i>hrp</i> Gene-Based Bio-PCR. <i>Current Microbiology</i> , 2014, 69, 127-134.	2.2	11
30	Protocol for Isolation and Identification of <i>Agrobacterium</i> Isolates from Stone Fruit Plants and Sensitivity of Native <i>A. tumefaciens</i> Isolates against Agrocin Produced by <i>A. radiobacter</i> Strain K84. <i>The National Academy of Sciences, India</i> , 2013, 36, 79-84.	1.3	5
31	Virulence analysis and genetic diversity of <i>Xanthomonas campestris</i> pv. <i>campestris</i> causing black rot of crucifers. <i>Archives of Phytopathology and Plant Protection</i> , 2013, 46, 227-242.	1.3	2
32	Genetic and Pathogenic Variability of Indian Strains of <i>Xanthomonas campestris</i> pv. <i>campestris</i> Causing Black Rot Disease in Crucifers. <i>Current Microbiology</i> , 2011, 63, 551-560.	2.2	34
33	Phenolic Content Pattern, Polyphenol Oxidase and Lipoxygenase Activity in Relation to Albinism, Fruit Malformation and Nubbins Production in Strawberry ( <i>Fragaria x ananassa</i> Duch). <i>Journal of Plant Biochemistry and Biotechnology</i> , 2010, 19, 67-72.	1.7	7