Duraisamy Saravanakumar

List of Publications by Year
in descending order

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49	2,517	304743	243625
papers	citations	22 h-index	44 g-index

50	50	50	2280
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biologicals and New Generation Fungicides in the Management of Blast Disease in Rice. Frontiers in Sustainable Food Systems, 2021, 5, .	3.9	2
2	Morphological characterisation and evaluation of cacao (Theobroma cacao L.) in Trinidad to facilitate utilisation of Trinitario cacao globally. Genetic Resources and Crop Evolution, 2020, 67, 621-643.	1.6	7
3	Identification of causal agent and management of grain discolouration in rice. Journal of Plant Diseases and Protection, 2020, 127, 183-196.	2.9	1
4	Effect of host extract on growth and sporulation of Cercospora lactucae-sativae. Australasian Plant Disease Notes, 2019, 14, 1.	0.7	4
5	Identification of Resistant Cultivars for Sheath Blight and use of AMMI Models to Understand Genotype and Environment Interactions. Plant Disease, 2019, 103, 2204-2211.	1.4	6
6	Sustainable Climate-Smart Agricultural Solutions to Improve Food and Nutrition Security in Trinidad and Tobago. , 2019, , 167-195.		0
7	Antagonistic potential of lipopeptide producing Bacillus amyloliquefaciens against major vegetable pathogens. European Journal of Plant Pathology, 2019, 154, 319-335.	1.7	26
8	Identification of Phytophthora capsici causing collar rot in hot peppers in Trinidad. Canadian Journal of Plant Pathology, 2019, 41, 129-134.	1.4	10
9	Plant extracts, bioagents and new generation fungicides in the control of rice sheath blight in Guyana. Crop Protection, 2019, 119, 30-37.	2.1	29
10	Differential expression of proteins in resistant and susceptible rice genotypes against blast infection. Physiological and Molecular Plant Pathology, 2018, 103, 62-70.	2.5	4
11	Screening for blast resistance in rice using AMMI models to understand G x E interaction in Guyana. Phytoparasitica, 2018, 46, 551-568.	1.2	11
12	An Economic Analysis of Volume and Price Behaviour of Vegetables in the Republic of Trinidad and Tobago. British Journal of Economics Management & Trade, 2017, 17, 1-10.	0.1	1
13	Antagonistic ACC Deaminase Producing Pseudomonas fluorescens with Polymer Seed Coating for the Management of Rice Fallow Black Gram Diseases. Advances in Research, 2017, 10, 1-12.	0.3	3
14	Fungal Microbes Associated with Agarwood Formation. American Journal of Plant Sciences, 2016, 07, 1445-1452.	0.8	24
15	Nucleic acid based detection technique forGanoderma lucidumin coconut. Archives of Phytopathology and Plant Protection, 2014, 47, 690-702.	1.3	4
16	Combination of endophytic Bacillus and Beauveria for the management of Fusarium wilt and fruit borer in tomato. Pest Management Science, 2014, 70, 1742-1750.	3.4	51
17	Plantâ€“PGPR Interactions for Pest and Disease Resistance in Sustainable Agriculture. , 2013, , 293-320.		7
18	Use of Chaetomium globosum for biocontrol of potato late blight disease. Crop Protection, 2013, 52, 33-38.	2.1	74

#	Article	IF	Citations
19	Rhizobacterial ACC Deaminase in Plant Growth and Stress Amelioration. , 2012, , 187-204.		2
20	Plant growth promoting bacteria enhance water stress resistance in green gram plants. Acta Physiologiae Plantarum, 2011, 33, 203-209.	2.1	130
21	Molecular characterisation of coat protein and nuclear shuttle protein genes ofBanana bunchy top virusfrom Western Ghats in India. Archives of Phytopathology and Plant Protection, 2011, 44, 405-411.	1.3	1
22	Standardization of liquid formulation of Pseudomonas fluorescens Pf1 for its efficacy against Fusarium wilt of tomato. Biological Control, 2010, 54, 83-89.	3.0	122
23	PGPR and entomopathogenic fungus bioformulation for the synchronous management of leaffolder pest and sheath blight disease of rice. Pest Management Science, 2010, 66, 555-564.	3.4	66
24	Feedingâ€induced changes in defence enzymes and PR proteins and their implications in host resistance to Nilaparvata lugens. Journal of Applied Entomology, 2010, 134, 123-131.	1.8	12
25	Transcriptional analysis of molecular interactions between Pseudomonas fluorescens strain TDK1, Oryza sativa and Cnaphalocrocis medinalis. Journal of Applied Entomology, 2010, 134, 762-773.	1.8	4
26	Trichodermaand chitin mixture based bioformulation for the management of head rot (Sclerotinia sclerotiorum(Lib.) deBary)â€"root-knot (Meloidogyne incognitaKofoid and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2010, 43, 1011-1024.	1.3	15
27	Effect of chitinolytic PGPR on growth, yield and physiological attributes of banana (Musa spp.) under field conditions. Applied Soil Ecology, 2010, 45, 71-77.	4.3	99
28	Fluorescent pseudomonad mixtures mediate disease resistance in rice plants against sheath rot (Sarocladium oryzae) disease. BioControl, 2009, 54, 273-286.	2.0	101
29	Detection of enzymatic activity and partial sequence of a chitinase gene in Metschnikowia pulcherrima strain MACH1 used as post-harvest biocontrol agent. European Journal of Plant Pathology, 2009, 123, 183-193.	1.7	56
30	Management of sunflower necrosis virus through anti-viral substances. Archives of Phytopathology and Plant Protection, 2009, 42, 265-276.	1.3	10
31	Understanding the molecular basis of plant growth promotional effect of Pseudomonas fluorescens on rice through protein profiling. Proteome Science, 2009, 7, 47.	1.7	95
32	Biochemical markers as a useful tool for the early identification ofFusarium oxysporumf.sp.cubense, race 1 resistance banana clones. Archives of Phytopathology and Plant Protection, 2009, 42, 1069-1078.	1.3	23
33	Induction of systemic resistance in banana (Musa spp.) against Banana bunchy top virus (BBTV) by combining chitin with root-colonizing Pseudomonas fluorescens strain CHA0. European Journal of Plant Pathology, 2008, 120, 353-362.	1.7	66
34	Use of plant extracts and biocontrol agents for the management of brown spot disease in rice. BioControl, 2008, 53, 555-567.	2.0	82
35	Pseudomonas fluorescens enhances resistance and natural enemy population in rice plants against leaffolder pest. Journal of Applied Entomology, 2008, 132, 469-479.	1.8	73
36	Metschnikowia pulcherrima strain MACH1 outcompetes Botrytis cinerea, Alternaria alternata and Penicillium expansum in apples through iron depletion. Postharvest Biology and Technology, 2008, 49, 121-128.	6.0	189

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37	Biohardening with Plant Growth Promoting Rhizosphere and Endophytic bacteria induces systemic resistance against Banana bunchy top virus. Applied Soil Ecology, 2008, 39, 187-200.	4.3	122
38	Management of postharvest disease of mango anthracnose incited byColletotrichum gleosporioides. Archives of Phytopathology and Plant Protection, 2008, 41, 333-339.	1.3	12
39	Rhizobacterial bioformulation for the effective management ofMacrophominaroot rot in mungbean. Archives of Phytopathology and Plant Protection, 2007, 40, 323-337.	1.3	42
40	Phylloplane microorganisms as a potential biocontrol agent againstHelminthosporium oryzaeBreda de Hann, the incitant of rice brown spot. Archives of Phytopathology and Plant Protection, 2007, 40, 148-157.	1.3	6
41	Endophytic bacteria mediate plant resistance against cotton bollworm. Journal of Plant Interactions, 2007, 2, 1-10.	2.1	33
42	Potential implications of biopriming in banana (Musaspp) plantlets against banana bunchy top virus (BBTV). Journal of Plant Interactions, 2007, 2, 149-158.	2.1	8
43	Pseudomonas-induced defence molecules in rice plants against leaffolder (Cnaphalocrocis medinalis) pest. Pest Management Science, 2007, 63, 714-721.	3.4	56
44	ACC deaminase from Pseudomonas fluorescens mediated saline resistance in groundnut (Arachis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.1	457
45	PGPR-induced defense responses in the tea plant against blister blight disease. Crop Protection, 2007, 26, 556-565.	2.1	222
46	Rhizosphere and endophytic bacteria for induction of systemic resistance of banana plantlets against bunchy top virus. Soil Biology and Biochemistry, 2007, 39, 1087-1098.	8.8	90
47	Reaction of resistant and susceptible rice genotypes against brown planthopper (Nilaparvata lugens). Phytoparasitica, 2007, 35, 346-356.	1.2	27
48	Microbially induced defense related proteins against postharvest anthracnose infection in mango. Crop Protection, 2004, 23, 1061-1067.	2.1	30
49	Use of biotechnology in promoting novel food and agriculturally important microorganisms.. , 0, , 159-178.		2