

Duraisamy Saravanakumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9753935/publications.pdf>

Version: 2024-02-01

49
papers

2,517
citations

304743

22
h-index

243625

44
g-index

50
all docs

50
docs citations

50
times ranked

2280
citing authors

#	ARTICLE	IF	CITATIONS
1	ACC deaminase from <i>Pseudomonas fluorescens</i> mediated saline resistance in groundnut (<i>Arachis</i>) Tj ETQq1 1 0.784314 rgBT /Overlook	3.1	457
2	PGPR-induced defense responses in the tea plant against blister blight disease. <i>Crop Protection</i> , 2007, 26, 556-565.	2.1	222
3	<i>Metschnikowia pulcherrima</i> strain MACH1 outcompetes <i>Botrytis cinerea</i> , <i>Alternaria alternata</i> and <i>Penicillium expansum</i> in apples through iron depletion. <i>Postharvest Biology and Technology</i> , 2008, 49, 121-128.	6.0	189
4	Plant growth promoting bacteria enhance water stress resistance in green gram plants. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 203-209.	2.1	130
5	Biohardening with Plant Growth Promoting Rhizosphere and Endophytic bacteria induces systemic resistance against Banana bunchy top virus. <i>Applied Soil Ecology</i> , 2008, 39, 187-200.	4.3	122
6	Standardization of liquid formulation of <i>Pseudomonas fluorescens</i> Pf1 for its efficacy against <i>Fusarium</i> wilt of tomato. <i>Biological Control</i> , 2010, 54, 83-89.	3.0	122
7	Fluorescent pseudomonad mixtures mediate disease resistance in rice plants against sheath rot (<i>Sarocladium oryzae</i>) disease. <i>BioControl</i> , 2009, 54, 273-286.	2.0	101
8	Effect of chitinolytic PGPR on growth, yield and physiological attributes of banana (<i>Musa</i> spp.) under field conditions. <i>Applied Soil Ecology</i> , 2010, 45, 71-77.	4.3	99
9	Understanding the molecular basis of plant growth promotional effect of <i>Pseudomonas fluorescens</i> on rice through protein profiling. <i>Proteome Science</i> , 2009, 7, 47.	1.7	95
10	Rhizosphere and endophytic bacteria for induction of systemic resistance of banana plantlets against bunchy top virus. <i>Soil Biology and Biochemistry</i> , 2007, 39, 1087-1098.	8.8	90
11	Use of plant extracts and biocontrol agents for the management of brown spot disease in rice. <i>BioControl</i> , 2008, 53, 555-567.	2.0	82
12	Use of <i>Chaetomium globosum</i> for biocontrol of potato late blight disease. <i>Crop Protection</i> , 2013, 52, 33-38.	2.1	74
13	<i>Pseudomonas fluorescens</i> enhances resistance and natural enemy population in rice plants against leaffolder pest. <i>Journal of Applied Entomology</i> , 2008, 132, 469-479.	1.8	73
14	Induction of systemic resistance in banana (<i>Musa</i> spp.) against Banana bunchy top virus (BBTV) by combining chitin with root-colonizing <i>Pseudomonas fluorescens</i> strain CHA0. <i>European Journal of Plant Pathology</i> , 2008, 120, 353-362.	1.7	66
15	PGPR and entomopathogenic fungus bioformulation for the synchronous management of leaffolder pest and sheath blight disease of rice. <i>Pest Management Science</i> , 2010, 66, 555-564.	3.4	66
16	<i>Pseudomonas</i> -induced defence molecules in rice plants against leaffolder (<i>Cnaphalocrocis medinalis</i>) pest. <i>Pest Management Science</i> , 2007, 63, 714-721.	3.4	56
17	Detection of enzymatic activity and partial sequence of a chitinase gene in <i>Metschnikowia pulcherrima</i> strain MACH1 used as post-harvest biocontrol agent. <i>European Journal of Plant Pathology</i> , 2009, 123, 183-193.	1.7	56
18	Combination of endophytic <i>Bacillus</i> and <i>Beauveria</i> for the management of <i>Fusarium</i> wilt and fruit borer in tomato. <i>Pest Management Science</i> , 2014, 70, 1742-1750.	3.4	51

#	ARTICLE	IF	CITATIONS
19	Rhizobacterial bioformulation for the effective management of Macrophomina root rot in mungbean. Archives of Phytopathology and Plant Protection, 2007, 40, 323-337.	1.3	42
20	Endophytic bacteria mediate plant resistance against cotton bollworm. Journal of Plant Interactions, 2007, 2, 1-10.	2.1	33
21	Microbially induced defense related proteins against postharvest anthracnose infection in mango. Crop Protection, 2004, 23, 1061-1067.	2.1	30
22	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
23	Reaction of resistant and susceptible rice genotypes against brown planthopper (<i>Nilaparvata lugens</i>). Phytoparasitica, 2007, 35, 346-356.	1.2	27
24	Antagonistic potential of lipopeptide producing <i>Bacillus amyloliquefaciens</i> against major vegetable pathogens. European Journal of Plant Pathology, 2019, 154, 319-335.	1.7	26
25	Fungal Microbes Associated with Agarwood Formation. American Journal of Plant Sciences, 2016, 07, 1445-1452.	0.8	24
26	Biochemical markers as a useful tool for the early identification of <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> , race 1 resistance banana clones. Archives of Phytopathology and Plant Protection, 2009, 42, 1069-1078.	1.3	23
27	<i>Trichoderma</i> and chitin mixture based bioformulation for the management of head rot (<i>Sclerotinia sclerotiorum</i> (Lib.) deBary) root-knot (<i>Meloidogyne incognita</i> Kofoid and Tj ETQq1 1 0.784314 rsgBT /Over 2010. 43. 1011-1024.	1.3	15
28	Management of postharvest disease of mango anthracnose incited by <i>Colletotrichum gleosporioides</i> . Archives of Phytopathology and Plant Protection, 2008, 41, 333-339.	1.3	12
29	Feeding induced changes in defence enzymes and PR proteins and their implications in host resistance to <i>Nilaparvata lugens</i> . Journal of Applied Entomology, 2010, 134, 123-131.	1.8	12
30	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
31	Management of sunflower necrosis virus through anti-viral substances. Archives of Phytopathology and Plant Protection, 2009, 42, 265-276.	1.3	10
32	Identification of <i>Phytophthora capsici</i> causing collar rot in hot peppers in Trinidad. Canadian Journal of Plant Pathology, 2019, 41, 129-134.	1.4	10
33	Potential implications of biopriming in banana (<i>Musa</i> spp) plantlets against banana bunchy top virus (BBTV). Journal of Plant Interactions, 2007, 2, 149-158.	2.1	8
34	Plant-PGPR Interactions for Pest and Disease Resistance in Sustainable Agriculture. , 2013, , 293-320.		7
35	Morphological characterisation and evaluation of cacao (<i>Theobroma cacao</i> L.) in Trinidad to facilitate utilisation of Trinitario cacao globally. Genetic Resources and Crop Evolution, 2020, 67, 621-643.	1.6	7
36	Phylloplane microorganisms as a potential biocontrol agent against <i>Helminthosporium oryzae</i> Breda de Hann, the incitant of rice brown spot. Archives of Phytopathology and Plant Protection, 2007, 40, 148-157.	1.3	6

#	ARTICLE	IF	CITATIONS
37	Identification of Resistant Cultivars for Sheath Blight and use of AMMI Models to Understand Genotype and Environment Interactions. <i>Plant Disease</i> , 2019, 103, 2204-2211.	1.4	6
38	Transcriptional analysis of molecular interactions between <i>Pseudomonas fluorescens</i> strain TDK1, <i>Oryza sativa</i> and <i>Cnaphalocrocis medinalis</i> . <i>Journal of Applied Entomology</i> , 2010, 134, 762-773.	1.8	4
39	Nucleic acid based detection technique for <i>Ganoderma lucidum</i> in coconut. <i>Archives of Phytopathology and Plant Protection</i> , 2014, 47, 690-702.	1.3	4
40	Differential expression of proteins in resistant and susceptible rice genotypes against blast infection. <i>Physiological and Molecular Plant Pathology</i> , 2018, 103, 62-70.	2.5	4
41	Effect of host extract on growth and sporulation of <i>Cercospora lactuca-sativae</i> . <i>Australasian Plant Disease Notes</i> , 2019, 14, 1.	0.7	4
42	Antagonistic ACC Deaminase Producing <i>Pseudomonas fluorescens</i> with Polymer Seed Coating for the Management of Rice Fallow Black Gram Diseases. <i>Advances in Research</i> , 2017, 10, 1-12.	0.3	3
43	Use of biotechnology in promoting novel food and agriculturally important microorganisms.. , 0, , 159-178.		2
44	Rhizobacterial ACC Deaminase in Plant Growth and Stress Amelioration. , 2012, , 187-204.		2
45	Biologicals and New Generation Fungicides in the Management of Blast Disease in Rice. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	2
46	Molecular characterisation of coat protein and nuclear shuttle protein genes of <i>Banana bunchy top virus</i> from Western Ghats in India. <i>Archives of Phytopathology and Plant Protection</i> , 2011, 44, 405-411.	1.3	1
47	Identification of causal agent and management of grain discolouration in rice. <i>Journal of Plant Diseases and Protection</i> , 2020, 127, 183-196.	2.9	1
48	An Economic Analysis of Volume and Price Behaviour of Vegetables in the Republic of Trinidad and Tobago. <i>British Journal of Economics Management & Trade</i> , 2017, 17, 1-10.	0.1	1
49	Sustainable Climate-Smart Agricultural Solutions to Improve Food and Nutrition Security in Trinidad and Tobago. , 2019, , 167-195.		0