

Tohru Teraoka

List of Publications by Year in descending order

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74
papers

1,747
citations

257450

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times ranked

1750
citing authors

#	ARTICLE	IF	CITATIONS
1	Spray Application of Nonpathogenic <i>Fusaria</i> onto Rice Flowers Controls Bakanae Disease (Caused by) Tj ETQq1 1 0,784314 rgBT /Ovele	3.1	7
2	Population Structure of Double-Stranded RNA Mycoviruses That Infect the Rice Blast Fungus <i>Magnaporthe oryzae</i> in Japan. <i>Frontiers in Microbiology</i> , 2020, 11, 593784.	3.5	9
3	<i>Magnaporthe oryzae</i> chrysovirus 1 strain D confers growth inhibition to the host fungus and exhibits multiform viral structural proteins. <i>Virology</i> , 2019, 535, 241-254.	2.4	25
4	Induction of resistance to diseases in plant by aerial ultrasound irradiation. <i>Journal of Pesticide Sciences</i> , 2019, 44, 41-47.	1.4	4
5	Infection by <i>Magnaporthe oryzae</i> chrysovirus 1 strain A triggers reduced virulence and pathogenic race conversion of its host fungus, <i>Magnaporthe oryzae</i> . <i>Journal of General Plant Pathology</i> , 2018, 84, 92-103.	1.0	18
6	Sequencing of individual chromosomes of plant pathogenic <i>Fusarium oxysporum</i> . <i>Fungal Genetics and Biology</i> , 2017, 98, 46-51.	2.1	12
7	Chitin-deacetylase activity induces appressorium differentiation in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Scientific Reports</i> , 2017, 7, 9697.	3.3	41
8	Rapid sex identification method of spinach (<i>Spinacia oleracea</i> L.) in the vegetative stage using loop-mediated isothermal amplification. <i>Planta</i> , 2017, 245, 221-226.	3.2	6
9	Genome sequence of a novel mitovirus identified in the phytopathogenic fungus <i>Alternaria arborescens</i> . <i>Archives of Virology</i> , 2016, 161, 2627-2631.	2.1	21
10	Detection of <i>Magnaporthe oryzae</i> chrysovirus 1 in Japan and establishment of a rapid, sensitive and direct diagnostic method based on reverse transcription loop-mediated isothermal amplification. <i>Archives of Virology</i> , 2016, 161, 317-326.	2.1	13
11	Genome sequence of a novel victorivirus identified in the phytopathogenic fungus <i>Alternaria arborescens</i> . <i>Archives of Virology</i> , 2016, 161, 1701-1704.	2.1	25
12	Detection of cabbage yellows fungus <i>Fusarium oxysporum</i> f. sp. <i>conglutinans</i> in soil by PCR and real-time PCR. <i>Journal of General Plant Pathology</i> , 2016, 82, 240-247.	1.0	10
13	Suppressive effects of mycoviral proteins encoded by <i>Magnaporthe oryzae</i> chrysovirus 1 strain A on conidial germination of the rice blast fungus. <i>Virus Research</i> , 2016, 223, 10-19.	2.2	10
14	A new biotype of <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> race 2 emerged by a transposon-driven mutation of avirulence gene <i>AVR1</i> . <i>FEMS Microbiology Letters</i> , 2016, 363, fnw132.	1.8	17
15	Rapid detection of <i>Magnaporthe oryzae</i> chrysovirus 1-A from fungal colonies on agar plates and lesions of rice blast. <i>Journal of General Plant Pathology</i> , 2015, 81, 97-102.	1.0	38
16	Molecular aspects of infection in plant-microbe interactions based on the rice-rice blast fungus interaction. <i>Journal of General Plant Pathology</i> , 2015, 81, 457-460.	1.0	0
17	A dsRNA mycovirus, <i>Magnaporthe oryzae</i> chrysovirus 1-B, suppresses vegetative growth and development of the rice blast fungus. <i>Virology</i> , 2014, 448, 265-273.	2.4	65
18	The Tomato Wilt Fungus &Fusarium oxysporum& f. sp. &lycopersici& shares Common Ancestors with Nonpathogenic &F. oxysporum& isolated from Wild Tomatoes in the Peruvian Andes. <i>Microbes and Environments</i> , 2014, 29, 200-210.	1.6	41

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19	<i>Fusarium proliferatum</i> , an additional bulb rot pathogen of Chinese chive. <i>Journal of General Plant Pathology</i> , 2013, 79, 431-434.	1.0	5
20	An avirulence gene homologue in the tomato wilt fungus <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> race 1 functions as a virulence gene in the cabbage yellows fungus <i>F. oxysporum</i> f. sp. <i>conglutinans</i> . <i>Journal of General Plant Pathology</i> , 2013, 79, 412-421.	1.0	27
21	Heterotrimeric G protein β^2 subunit GPB1 and MAP kinase MPK1 regulate hyphal growth and female fertility in <i>Fusarium sacchari</i> . <i>Mycoscience</i> , 2013, 54, 148-157.	0.8	3
22	Mode of action of <i>Talaromyces</i> sp. KNB422, a biocontrol agent against rice seedling diseases. <i>Journal of Pesticide Sciences</i> , 2012, 37, 56-61.	1.4	9
23	Characterization of <i>Magnaporthe oryzae</i> Chrysovirus 1 Structural Proteins and Their Expression in <i>Saccharomyces cerevisiae</i> . <i>Journal of Virology</i> , 2012, 86, 8287-8295.	3.4	63
24	Use of fluorescent proteins to visualize interactions between the Bakanae disease pathogen <i>Gibberella fujikuroi</i> and the biocontrol agent <i>Talaromyces</i> sp. KNB-422. <i>Journal of General Plant Pathology</i> , 2012, 78, 54-61.	1.0	31
25	A Genetic Mechanism for Emergence of Races in <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> : Inactivation of Avirulence Gene AVR1 by Transposon Insertion. <i>PLoS ONE</i> , 2012, 7, e44101.	2.5	47
26	GMC oxidoreductase, a highly expressed protein in a potent biocontrol agent <i>Fusarium oxysporum</i> Cong:1-2, is dispensable for biocontrol activity. <i>Journal of General and Applied Microbiology</i> , 2011, 57, 207-217.	0.7	19
27	Transgenic rice plants that over-express the mannose-binding rice lectin have enhanced resistance to rice blast. <i>Journal of General Plant Pathology</i> , 2011, 77, 85-92.	1.0	11
28	Structural requirements of virion-associated cholesterol for infectivity, buoyant density and apolipoprotein association of hepatitis C virus. <i>Journal of General Virology</i> , 2011, 92, 2082-2087.	2.9	23
29	The 12th IUPAC International Congress of Pesticide Chemistry. <i>Journal of Pesticide Sciences</i> , 2011, 36, 141.	1.4	0
30	Real-time PCR for differential determination of the tomato wilt fungus, <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , and its races. <i>Journal of General Plant Pathology</i> , 2010, 76, 116-121.	1.0	37
31	Population dynamics and pathogenic races of rice blast fungus, <i>Magnaporthe oryzae</i> in the Mekong Delta in Vietnam. <i>Journal of General Plant Pathology</i> , 2010, 76, 177-182.	1.0	33
32	Mycoviruses related to chrysovirus affect vegetative growth in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Journal of General Virology</i> , 2010, 91, 3085-3094.	2.9	107
33	Expression specificity of CBP1 is regulated by transcriptional repression during vegetative growth of <i>Magnaporthe oryzae</i> . <i>Journal of General and Applied Microbiology</i> , 2010, 56, 437-445.	0.7	3
34	Inhibition of histone deacetylase causes reduction of appressorium formation in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Journal of General and Applied Microbiology</i> , 2009, 55, 489-498.	0.7	45
35	A novel mycovirus associated with four double-stranded RNAs affects host fungal growth in <i>Alternaria alternata</i> . <i>Virus Research</i> , 2009, 140, 179-187.	2.2	108
36	Biocontrol activity in a nonpathogenic REMI mutant of <i>Fusarium oxysporum</i> f. sp. <i>conglutinans</i> , and characterization of its disrupted gene. <i>Journal of Pesticide Sciences</i> , 2008, 33, 234-242.	1.4	6

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37	Novel mating type-dependent transcripts at the mating type locus in <i>Magnaporthe oryzae</i> . <i>Gene</i> , 2007, 403, 6-17.	2.2	22
38	Mode of action of <i>Trichoderma asperellum</i> SKT-1, a biocontrol agent against <i>Gibberella fujikuroi</i> . <i>Journal of Pesticide Sciences</i> , 2007, 32, 222-228.	1.4	34
39	Tomato as a model plant for plant-pathogen interactions. <i>Plant Biotechnology</i> , 2007, 24, 135-147.	1.0	62
40	Control efficacy of validamycin A against <i>Fusarium wilt</i> correlated with the severity of phytotoxic necrosis formed on tomato tissues. <i>Journal of Pesticide Sciences</i> , 2007, 32, 83-88.	1.4	15
41	Communication between rice plant and rice blast fungus at early infection stage. <i>Journal of General Plant Pathology</i> , 2007, 73, 421-423.	1.0	0
42	FCD1 encoding protein homologous to cellobiose: Quinone oxidoreductase in <i>Fusarium oxysporum</i> . <i>Gene</i> , 2006, 382, 100-110.	2.2	8
43	Beta-Cyanoalanine Synthase as a Molecular Marker for Induced Resistance by Fungal Glycoprotein Elicitor and Commercial Plant Activators. <i>Phytopathology</i> , 2006, 96, 908-916.	2.2	47
44	A simple method for a mini-preparation of fungal DNA. <i>Journal of General Plant Pathology</i> , 2006, 72, 348-350.	1.0	103
45	Possible roles and functions of LPL1 gene encoding lysophospholipase during early infection by <i>Magnaporthe grisea</i> . <i>Journal of General Plant Pathology</i> , 2005, 71, 253-262.	1.0	5
46	Three evolutionary lineages of tomato wilt pathogen, <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> , based on sequences of IGS, MAT1, and pg1, are each composed of isolates of a single mating type and a single or closely related vegetative compatibility group. <i>Journal of General Plant Pathology</i> , 2005, 71, 263-272.	1.0	72
47	Foliar Spray of Validamycin A or Validoxylamine A Controls Tomato <i>Fusarium Wilt</i> . <i>Phytopathology</i> , 2005, 95, 1209-1216.	2.2	64
48	Cloning of the pathogenicity-related gene FPD1 in <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> . <i>Journal of General Plant Pathology</i> , 2004, 70, 16-20.	1.0	35
49	Antibacterial diterpenes and their fatty acid conjugates from rice leaves. <i>Phytochemistry</i> , 2004, 65, 1291-1298.	2.9	25
50	Targeted Gene Disruption of the Neuronal Calcium Sensor 1 Homologue in Rice Blast Fungus, <i>Magnaporthe grisea</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 651-653.	1.3	16
51	A Novel Gene, CBP1, Encoding a Putative Extracellular Chitin-Binding Protein, May Play an Important Role in the Hydrophobic Surface Sensing of <i>Magnaporthe grisea</i> During Appressorium Differentiation. <i>Molecular Plant-Microbe Interactions</i> , 2002, 15, 437-444.	2.6	89
52	Effects of single and double infections with Potato virus X and Tobacco mosaic virus on disease development, plant growth, and virus accumulation in tomato. <i>Tropical Plant Pathology</i> , 2002, 27, 241-248.	0.3	8
53	Toxicity of Syringomycins and Its Pathological Significance. , 2002, , 141-150.		0
54	Mapping the Virus and Host Genes Involved in the Resistance Response in Cucumber Mosaic Virus-Infected <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2001, 42, 340-347.	3.1	83

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55	cDNA Subtractive Cloning of Genes Expressed during Early Stage of Appressorium Formation by <i>Magnaporthe grisea</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 1999, 63, 1407-1413.	1.3	28
56	Roles of Coronatine Production by <i>Pseudomonas syringae</i> pv. <i>maculicola</i> for Pathogenicity.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 1998, 64, 299-302.	0.1	9
57	Studies on a Quantitative Analysis of Oryzalides and Oryzalic Acids in Rice Plants by GC-SIM. <i>Bioscience, Biotechnology and Biochemistry</i> , 1996, 60, 1460-1463.	1.3	14
58	Toxicological Studies of Pesticides by Using Protoplast and Cell Culture System. <i>Journal of Pesticide Sciences</i> , 1994, 19, 243-244.	1.4	2
59	Some Pathovars of <i>Pseudomonas syringae</i> Producing Syringomycin-Like Toxin.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 1994, 60, 478-482.	0.1	3
60	Toxicological Studies of Pesticides by Using Protoplast and Cell Culture System. <i>Journal of Pesticide Sciences</i> , 1994, 19, S115-S123.	1.4	0
61	Effects of antimycotics on the biosynthesis of cellular macromolecules in <i>Aspergillus niger</i> protoplasts. <i>Mycopathologia</i> , 1993, 122, 135-141.	3.1	3
62	Inhibition of Cell-to-Cell Movement of Viruses or Substances in Tobacco Mosaic Virus Localized Sites of Cucumber Cotyledons.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 1993, 59, 619-625.	0.1	1
63	Alteration of Enzymes and Protein in Cucumber Cotyledons Locally Infected by Tobacco Mosaic Virus.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 1993, 59, 107-113.	0.1	0
64	Structures of Oryzalic Acid B and Three Related Compounds, a Group of Novel Antibacterial Diterpenes, Isolated from Leaves of a Bacterial Leaf Blight-Resistant Cultivar of Rice. <i>Bioscience, Biotechnology and Biochemistry</i> , 1992, 56, 113-117.	1.3	13
65	Expression of Resistance to Potato Virus X in Potato Protoplasts Isolated from Immune Varieties.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 1992, 58, 315-318.	0.1	1
66	Effect of Co-Infection with Systemic Viruses on the Localization of Tobacco Mosaic Virus in Cucumber Cotyledons.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 1992, 58, 181-187.	0.1	5
67	Structures of Oryzalides A and B, and Oryzalic Acid A, a Group of Novel Antimicrobial Diterpenes, Isolated from Healthy Leaves of a Bacterial Leaf Blight-resistant Cultivar of Rice Plant. <i>Agricultural and Biological Chemistry</i> , 1991, 55, 803-811.	0.3	1
68	Novel C19-kaurane type of diterpene (Oryzalide A), a new antimicrobial compound isolated from healthy leaves of a bacterial leaf blight-resistant cultivar of rice plant.. <i>Agricultural and Biological Chemistry</i> , 1990, 54, 1103-1105.	0.3	9
69	A novel rice lectin specific to mannoside/glucoside residues in rice seedlings.. <i>Agricultural and Biological Chemistry</i> , 1990, 54, 3053-3056.	0.3	3
70	A Novel Rice Lectin Specific to Mannoside/Glucoside Residues in Rice Seedlings. <i>Agricultural and Biological Chemistry</i> , 1990, 54, 3053-3056.	0.3	4
71	Novel C19-Kaurane Type of Diterpene (Oryzalide A), a New Antimicrobial Compound Isolated from Healthy Leaves of a Bacterial Leaf Blight-resistant Cultivar of Rice Plant. <i>Agricultural and Biological Chemistry</i> , 1990, 54, 1103-1105.	0.3	8
72	Effect of chemicals on tobacco mosaic virus multiplication and localization in cucumber cotyledons.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 1989, 55, 148-155.	0.1	3

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73	Bacterial multiplication and antibacterial activities in cabbage leaf tissue inoculated with pathogenic and non-pathogenic bacterium.. Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan, 1986, 52, 669-674.	0.1	3
74	Fusariosis in rubber tree: pathogenic, morphological, and molecular characterization of the causal agent. European Journal of Plant Pathology, 0, , 1.	1.7	0