

Yoshishige Inagaki

List of Publications by Year in descending order

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47
papers

2,351
citations

304743

22
h-index

214800

47
g-index

47
all docs

47
docs citations

47
times ranked

2427
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient gene targeting by homologous recombination in rice. <i>Nature Biotechnology</i> , 2002, 20, 1030-1034.	17.5	308
2	Genes Encoding the Vacuolar Na ⁺ /H ⁺ Exchanger and Flower Coloration. <i>Plant and Cell Physiology</i> , 2001, 42, 451-461.	3.1	185
3	Colour-enhancing protein in blue petals. <i>Nature</i> , 2000, 407, 581-581.	27.8	167
4	Flagellin Glycosylation Island in <i>Pseudomonas syringae</i> pv. <i>glycinea</i> and Its Role in Host Specificity. <i>Journal of Bacteriology</i> , 2003, 185, 6658-6665.	2.2	118
5	Modulation of defense signal transduction by flagellin-induced WRKY41 transcription factor in <i>Arabidopsis thaliana</i> . <i>Molecular Genetics and Genomics</i> , 2008, 279, 303-312.	2.1	117
6	The Siderophore Pyoverdine of <i>Pseudomonas syringae</i> pv. <i>tabaci</i> 6605 Is an Intrinsic Virulence Factor in Host Tobacco Infection. <i>Journal of Bacteriology</i> , 2010, 192, 117-126.	2.2	112
7	Identification of glycosylation genes and glycosylated amino acids of flagellin in <i>Pseudomonas syringae</i> pv. <i>tabaci</i> . <i>Cellular Microbiology</i> , 2006, 8, 923-938.	2.1	110
8	<i>Talaromyces wortmannii</i> FS2 emits Î²-caryophyllene, which promotes plant growth and induces resistance. <i>Journal of General Plant Pathology</i> , 2011, 77, 336-341.	1.0	100
9	Characterization of a Novel Na ⁺ /H ⁺ Antiporter Gene InNHX2 and Comparison of InNHX2 with InNHX1, Which is Responsible for Blue Flower Coloration by Increasing the Vacuolar pH in the Japanese Morning Glory. <i>Plant and Cell Physiology</i> , 2005, 46, 259-267.	3.1	99
10	Post-Translational Modification of Flagellin Determines the Specificity of HR Induction. <i>Plant and Cell Physiology</i> , 2003, 44, 342-349.	3.1	86
11	Amino Acid Sequence of Bacterial Microbe-Associated Molecular Pattern flg22 Is Required for Virulence. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 1165-1174.	2.6	80
12	cDNA cloning and characterization of tobacco ABC transporter: NtPDR1 is a novel elicitor-responsive gene 1. <i>FEBS Letters</i> , 2002, 518, 164-168.	2.8	77
13	Dissemination of the Phage-Associated Novel Superantigen Gene <i>speL</i> in Recent Invasive and Noninvasive <i>Streptococcus pyogenes</i> M3/T3 Isolates in Japan. <i>Infection and Immunity</i> , 2002, 70, 3227-3233.	2.2	74
14	Genomic organization of the genes encoding dihydroflavonol 4-reductase for flower pigmentation in the Japanese and common morning glories. <i>Gene</i> , 1999, 226, 181-188.	2.2	67
15	Gac two-component system in <i>Pseudomonas syringae</i> pv. <i>tabaci</i> is required for virulence but not for hypersensitive reaction. <i>Molecular Genetics and Genomics</i> , 2008, 279, 313-22.	2.1	52
16	Floricultural Traits and Transposable Elements in the Japanese and Common Morning Gloriesaa. <i>Annals of the New York Academy of Sciences</i> , 1999, 870, 265-274.	3.8	45
17	Need for flagella for complete virulence of <i>Pseudomonas syringae</i> pv. <i>tabaci</i> : genetic analysis with flagella-defective mutants ?fliC and ?fliD in host tobacco plants. <i>Journal of General Plant Pathology</i> , 2003, 69, 244-249.	1.0	45
18	<i>Agrobacterium tumefaciens</i> -mediated transformation as a tool for random mutagenesis of <i>Colletotrichum trifolii</i> . <i>Journal of General Plant Pathology</i> , 2004, 70, 93-96.	1.0	45

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19	Bacterial DNA activates immunity in <i>Arabidopsis thaliana</i> . <i>Journal of General Plant Pathology</i> , 2009, 75, 227-234.	1.0	39
20	Type IV pilin is glycosylated in <i>Pseudomonas syringae</i> pv. <i>tabaci</i> 6605 and is required for surface motility and virulence. <i>Molecular Plant Pathology</i> , 2012, 13, 764-774.	4.2	29
21	Structural analysis of Tpn1, a transposable element isolated from Japanese morning glory bearing variegated flowers. <i>Molecular Genetics and Genomics</i> , 1995, 247, 114-117.	2.4	25
22	Glycosylation of flagellin from <i>Pseudomonas syringae</i> pv. <i>tabaci</i> 6605 contributes to evasion of host tobacco plant surveillance system. <i>Physiological and Molecular Plant Pathology</i> , 2009, 74, 11-17.	2.5	23
23	Two flagellar stators and their roles in motility and virulence in <i>Pseudomonas syringae</i> pv. <i>tabaci</i> 6605. <i>Molecular Genetics and Genomics</i> , 2011, 285, 163-174.	2.1	23
24	Cloning and characterization of pea apyrases: involvement of PsAPY1 in response to signal molecules from the pea pathogen <i>Mycosphaerella pinodes</i> . <i>Journal of General Plant Pathology</i> , 2003, 69, 33-38.	1.0	22
25	Elicitin-responsive lectin-like receptor kinase genes in BY-2 cells. <i>DNA Sequence</i> , 2007, 18, 152-159.	0.7	22
26	Genomic Differences in <i>Streptococcus pyogenes</i> Serotype M3 between Recent Isolates Associated with Toxic Shock-Like Syndrome and Past Clinical Isolates. <i>Journal of Infectious Diseases</i> , 2000, 181, 975-983.	4.0	21
27	Defense responses of <i>Arabidopsis thaliana</i> inoculated with <i>Pseudomonas syringae</i> pv. <i>tabaci</i> wild type and defective mutants for flagellin (<i>flhC</i>) and flagellin-glycosylation (<i>orf1</i>). <i>Journal of General Plant Pathology</i> , 2005, 71, 302-307.	1.0	21
28	Pea extracellular Cu/Zn-superoxide dismutase responsive to signal molecules from a fungal pathogen. <i>Journal of General Plant Pathology</i> , 2006, 72, 265-272.	1.0	21
29	H ₂ O ₂ production by copper amine oxidase, a component of the ecto-apyrase (ATPase)-containing protein complex(es) in the pea cell wall, is regulated by an elicitor and a suppressor from <i>Mycosphaerella pinodes</i> . <i>Journal of General Plant Pathology</i> , 2012, 78, 311-315.	1.0	21
30	Characterization of each <i>aefR</i> and <i>mexT</i> mutant in <i>Pseudomonas syringae</i> pv. <i>tabaci</i> 6605. <i>Molecular Genetics and Genomics</i> , 2012, 287, 473-484.	2.1	20
31	Induction of defense responses in pea tissues by inorganic phosphate. <i>Journal of General Plant Pathology</i> , 2006, 72, 129-136.	1.0	17
32	Molecular Characterization of the Gene for Dihydroflavonol 4-Reductase of Japonica Rice Varieties.. <i>Plant Biotechnology</i> , 1998, 15, 221-225.	1.0	16
33	Flagellin from <i>Pseudomonas syringae</i> pv. <i>tabaci</i> induced hrp-independent HR in tomato. <i>Journal of General Plant Pathology</i> , 2005, 71, 289-295.	1.0	15
34	Simplified Transposon Display (STD): a New Procedure for Isolation of a Gene Tagged by a Transposable Element Belonging to the Tpn1 Family in the Japanese Morning Glory.. <i>Plant Biotechnology</i> , 2001, 18, 143-149.	1.0	15
35	Suppression of mRNAs for lipoxygenase (LOX), allene oxide synthase (AOS), allene oxide cyclase (AOC) and 12-oxo-phytodienoic acid reductase (OPR) in pea reduces sensitivity to the phytotoxin coronatine and disease development by <i>Mycosphaerella pinodes</i> . <i>Journal of General Plant Pathology</i> , 2013, 79, 321-334.	1.0	14
36	Flagellin glycosylation is ubiquitous in a broad range of phytopathogenic bacteria. <i>Journal of General Plant Pathology</i> , 2013, 79, 359-365.	1.0	14

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37	Localization and responsiveness of a cowpea apyrase VsNTPase1 to phytopathogenic microorganisms. <i>Journal of General Plant Pathology</i> , 2006, 72, 143-151.	1.0	12
38	Expression of allene oxide synthase and allene oxide cyclase in the interactions between pea and fungal pathogens. <i>Journal of General Plant Pathology</i> , 2003, 69, 351-357.	1.0	11
39	Plant cell walls as suppliers of potassium and sodium ions for induced resistance in pea (<i>Pisum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.0	11
40	The <i>Medicago truncatula</i> – <i>Mycosphaerella pinodes</i> interaction: a new pathosystem for dissecting fungal-suppressor-mediated disease susceptibility in plants. <i>Journal of General Plant Pathology</i> , 2013, 79, 1-11.	1.0	10
41	Protection induced by volatile limonene against anthracnose disease in <i>Arabidopsis thaliana</i> . <i>Journal of General Plant Pathology</i> , 2015, 81, 415-419.	1.0	10
42	The Functional Expression of the CHS-D and CHS-E Genes of the Common Morning Glory (<i>Ipomoea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2000, 17, 203-210.	1.0	8
43	Molecular Cloning of cDNA for a Novel Pea Dof Protein, PsDof1, and Its DNA-Binding Activity to the Promoter of PsDof1 Gene.. <i>Plant Biotechnology</i> , 2002, 19, 251-260.	1.0	7
44	Characterization of quorum sensing–controlled transcriptional regulator <i>MarR</i> and <i>Rieske</i> (<i>2Fe</i> – <i>2S</i>) cluster–containing protein (<i>Orf5</i>), which are involved in resistance to environmental stresses in <i>Pseudomonas syringae</i> pv. <i>tabaci</i> 6605. <i>Molecular Plant Pathology</i> , 2015, 16, 376-387.	4.2	6
45	Expression of <i>Medicago truncatula</i> ecto-apyrase MtAPY1;1 in leaves of <i>Nicotiana benthamiana</i> restricts necrotic lesions induced by a virulent fungus. <i>Journal of General Plant Pathology</i> , 2014, 80, 222-229.	1.0	5
46	Regulation of elicitin-induced ethylene production in suspension-cultured tobacco BY-2 cells. <i>Journal of General Plant Pathology</i> , 2005, 71, 273-279.	1.0	4
47	Identification of genes expressed during spore germination of <i>Mycosphaerella pinodes</i> . <i>Journal of General Plant Pathology</i> , 2005, 71, 190-195.	1.0	2