

Kaien Fujino

List of Publications by Year in descending order

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36
papers

770
citations

567281

15
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular basis of a shattering resistance boosting global dissemination of soybean. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17797-17802.	7.1	166
2	Somatic embryogenesis induced by the simple application of abscisic acid to carrot (<i>Daucus carota</i> L.) seedlings in culture. <i>Planta</i> , 2000, 211, 756-759.	3.2	94
3	Expression, Cloning, and Immunological Analysis of Buckwheat (<i>Fagopyrum esculentum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 5.2 44	5.2	44
4	Fine mapping and development of DNA markers for the qPDH1 locus associated with pod dehiscence in soybean. <i>Molecular Breeding</i> , 2010, 25, 407-418.	2.1	37
5	A putative MYB35 ortholog is a candidate for the sex-determining genes in <i>Asparagus officinalis</i> . <i>Scientific Reports</i> , 2017, 7, 41497.	3.3	37
6	Temperature controls nuclear import of Tam3 transposase in <i>Antirrhinum</i> . <i>Plant Journal</i> , 2011, 65, 146-155.	5.7	35
7	A Single-Nucleotide Polymorphism in an Endo-1,4- β -Glucanase Gene Controls Seed Coat Permeability in Soybean. <i>PLoS ONE</i> , 2015, 10, e0128527.	2.5	35
8	A Major Soybean QTL, <i>qPDH1</i> , Controls Pod Dehiscence without Marked Morphological Change. <i>Plant Production Science</i> , 2009, 12, 217-223.	2.0	32
9	Assembly and disassembly of the peripheral architecture of the plant cell nucleus during mitosis. <i>Planta</i> , 1999, 210, 165-167.	3.2	27
10	Confirmation of the location and the effects of a major QTL controlling pod dehiscence, <i>qPDH1</i> , in soybean. <i>Breeding Science</i> , 2008, 58, 63-69.	1.9	23
11	A major QTL, <i>qPDH1</i> , is commonly involved in shattering resistance of soybean cultivars. <i>Breeding Science</i> , 2009, 59, 435-440.	1.9	23
12	Protein phosphatase 2A regulates the nuclear accumulation of the Arabidopsis bZIP protein VIP1 under hypo-osmotic stress. <i>Journal of Experimental Botany</i> , 2019, 70, 6101-6112.	4.8	21
13	A GDSL-type esterase/lipase gene, <i>GELP77</i> , is necessary for pollen dissociation and fertility in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 1036-1041.	2.1	20
14	Mapping and use of QTLs controlling pod dehiscence in soybean. <i>Breeding Science</i> , 2012, 61, 554-558.	1.9	19
15	Localization of <i>Daucus carota</i> NMCP1 to the nuclear periphery: the role of the N-terminal region and an NLS-linked sequence motif, RYNLRR, in the tail domain. <i>Frontiers in Plant Science</i> , 2014, 5, 62.	3.6	17
16	Calcium signalling regulates the functions of the bZIP protein VIP1 in touch responses in <i>Arabidopsis thaliana</i> . <i>Annals of Botany</i> , 2018, 122, 1219-1229.	2.9	17
17	Molecular characterization of buckwheat major immunoglobulin E-reactive proteins in allergic patients. <i>Allergology International</i> , 2000, 49, 117-124.	3.3	15
18	Development of a DNA marker for variety discrimination specific to "Manten-Kirari" based on an NGS-RNA sequence in Tartary buckwheat (<i>Fagopyrum tataricum</i>). <i>Food Chemistry</i> , 2019, 295, 51-57.	8.2	11

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19	The plant nuclear lamina proteins NMCP1 and NMCP2 form a filamentous network with lateral filament associations. <i>Journal of Experimental Botany</i> , 2021, 72, 6190-6204.	4.8	11
20	Detection of immunologically related Kunitz and Bowman-Birk proteinase inhibitors expressed during potato tuber development. <i>Plant Molecular Biology</i> , 1994, 26, 961-969.	3.9	10
21	Determination of the Absolute Configuration of a Monoglyceride Antibolting Compound and Isolation of Related Compounds from Radish Leaves (<i>Raphanus sativus</i>). <i>Journal of Natural Products</i> , 2017, 80, 872-878.	3.0	10
22	Multiple regulatory mechanisms influence the activity of the transposon, <i>Tam3</i> , of <i>Antirrhinum</i> . <i>New Phytologist</i> , 2008, 179, 343-355.	7.3	9
23	Identification of candidates for interacting partners of the tail domain of DcNMCP1, a major component of the <i>Daucus carota</i> nuclear lamina-like structure. <i>Nucleus</i> , 2017, 8, 312-322.	2.2	9
24	A putative AGAMOUS ortholog is a candidate for the gene determining ease of dehulling in Tartary buckwheat (<i>Fagopyrum tataricum</i>). <i>Planta</i> , 2020, 251, 85.	3.2	6
25	Detainment of Tam3 Transposase at Plasma Membrane by Its BED-Zinc Finger Domain. <i>Plant Physiology</i> , 2017, 173, 1492-1501.	4.8	5
26	CRISPR/Cas9-Mediated Editing of Genes Encoding rgs-CaM-like Proteins in Transgenic Potato Plants. <i>Methods in Molecular Biology</i> , 2019, 2028, 153-165.	0.9	5
27	Death of female flower microsporocytes progresses independently of meiosis-like process and can be accelerated by specific transcripts in <i>Asparagus officinalis</i> . <i>Scientific Reports</i> , 2019, 9, 2703.	3.3	5
28	Revision of the relationship between anther morphology and pollen sterility by cold stress at the booting stage in rice. <i>Annals of Botany</i> , 2021, 128, 559-575.	2.9	5
29	B-family subunits of protein phosphatase 2A are necessary for pollen development but not for female gametophyte development in <i>Arabidopsis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 176-180.	2.1	4
30	Possible inhibition of <i>Arabidopsis</i> VIP1-mediated mechanosensory signaling by streptomycin. <i>Plant Signaling and Behavior</i> , 2018, 13, e1521236.	2.4	4
31	Functional characterization and vacuolar localization of fructan exohydrolase derived from onion (<i>Allium cepa</i>). <i>Journal of Experimental Botany</i> , 2022, 73, 4908-4922.	4.8	4
32	VIP1, a bZIP protein, interacts with the catalytic subunit of protein phosphatase 2A in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2020, 15, 1706026.	2.4	3
33	Isolation of a major genetic interaction associated with an extreme phenotype using assorted F2 populations in rice. <i>Molecular Breeding</i> , 2014, 33, 997-1003.	2.1	2
34	The B ³ -family subunits of protein phosphatase 2A are necessary for in-vitro dephosphorylation of the <i>Arabidopsis</i> mechanosensory transcription factor VIP1. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 353-358.	2.1	2
35	NDR/LATS family protein kinase genes are indispensable for embryogenesis in <i>Arabidopsis</i> . <i>FEBS Open Bio</i> , 2021, 11, 2600-2606.	2.3	2
36	Data of whole genome sequencing of five garden asparagus (<i>Asparagus officinalis</i>) individuals with the MinION nanopore sequencer. <i>Data in Brief</i> , 2020, 28, 104838.	1.0	1