

Qian Qian

List of Publications by Year in descending order

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140
papers

17,865
citations

31976

53
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13771

129
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all docs

144
docs citations

144
times ranked

11615
citing authors

#	ARTICLE	IF	CITATIONS
1	A rice XANTHINE DEHYDROGENASE gene regulates leaf senescence and response to abiotic stresses. <i>Crop Journal</i> , 2022, 10, 310-322.	5.2	7
2	CRISPR-Cas9 mediated <i>OsMIR168a</i> knockout reveals its pleiotropy in rice. <i>Plant Biotechnology Journal</i> , 2022, 20, 310-322.	8.3	32
3	UDP-N-acetylglucosamine pyrophosphorylase enhances rice survival at high temperature. <i>New Phytologist</i> , 2022, 233, 344-359.	7.3	19
4	Chromosome-level genome assembly of <i>Zizania latifolia</i> provides insights into its seed shattering and phytocassane biosynthesis. <i>Communications Biology</i> , 2022, 5, 36.	4.4	11
5	Genome-wide association study and transcriptome analysis reveal new QTL and candidate genes for nitrogen deficiency tolerance in rice. <i>Crop Journal</i> , 2022, 10, 942-951.	5.2	19
6	The Potential Roles of Unique Leaf Structure for the Adaptation of <i>Rheum tanguticum</i> Maxim. ex Balf. in Qinghai-Tibetan Plateau. <i>Plants</i> , 2022, 11, 512.	3.5	3
7	Partially functional <i>NARROW LEAF1</i> balances leaf photosynthesis and plant architecture for greater rice yield. <i>Plant Physiology</i> , 2022, 189, 772-789.	4.8	12
8	LMPA Regulates Lesion Mimic Leaf and Panicle Development Through ROS-Induced PCD in Rice. <i>Frontiers in Plant Science</i> , 2022, 13, 875038.	3.6	7
9	The divergence of brassinosteroid sensitivity between rice subspecies involves natural variation conferring altered internal auto-binding of <i>OsBSK2</i> . <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1614-1630.	8.5	6
10	A super pan-genomic landscape of rice. <i>Cell Research</i> , 2022, 32, 878-896.	12.0	99
11	LRG1 maintains sterile lemma identity by regulating <i>OsMADS6</i> expression in rice. <i>Science China Life Sciences</i> , 2021, 64, 1190-1192.	4.9	4
12	Disruption of <i>EARLY LESION LEAF 1</i> , encoding a cytochrome P450 monooxygenase, induces ROS accumulation and cell death in rice. <i>Plant Journal</i> , 2021, 105, 942-956.	5.7	56
13	The rice LRR-like1 protein <i>YELLOW AND PREMATURE DWARF 1</i> is involved in leaf senescence induced by high light. <i>Journal of Experimental Botany</i> , 2021, 72, 1589-1605.	4.8	10
14	Functional analysis of auxin receptor <i>OsTIR1</i> / <i>OsAFB</i> family members in rice grain yield, tillering, plant height, root system, germination, and auxinic herbicide resistance. <i>New Phytologist</i> , 2021, 229, 2676-2692.	7.3	45
15	Formyl tetrahydrofolate deformylase affects hydrogen peroxide accumulation and leaf senescence by regulating the folate status and redox homeostasis in rice. <i>Science China Life Sciences</i> , 2021, 64, 720-738.	4.9	9
16	<i>PHOTOSENSITIVE LEAF ROLLING 1</i> encodes a polygalacturonase that modifies cell wall structure and drought tolerance in rice. <i>New Phytologist</i> , 2021, 229, 890-901.	7.3	40
17	Efficient deletion of multiple circle RNA loci by CRISPR-Cas9 reveals <i>Os06circ02797</i> as a putative sponge for <i>OsMIR408</i> in rice. <i>Plant Biotechnology Journal</i> , 2021, 19, 1240-1252.	8.3	37
18	The <i>LARGE2-APO1/APO2</i> regulatory module controls panicle size and grain number in rice. <i>Plant Cell</i> , 2021, 33, 1212-1228.	6.6	48

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19	A route to de novo domestication of wild allotetraploid rice. <i>Cell</i> , 2021, 184, 1156-1170.e14.	28.9	259
20	The ell1 mutation disrupts tryptophan metabolism and induces cell death. <i>Plant Signaling and Behavior</i> , 2021, 16, 1905336.	2.4	1
21	Rice Ferredoxins localize to chloroplasts/plastids and may function in different tissues. <i>Plant Signaling and Behavior</i> , 2021, 16, 1926813.	2.4	2
22	The <i>SEEDLING BIOMASS 1</i> allele from <i>indica</i> rice enhances yield performance under low-nitrogen environments. <i>Plant Biotechnology Journal</i> , 2021, 19, 1681-1683.	8.3	10
23	A novel miR167a-OsARF6-OsAUX3 module regulates grain length and weight in rice. <i>Molecular Plant</i> , 2021, 14, 1683-1698.	8.3	61
24	OsMORF9 is necessary for chloroplast development and seedling survival in rice. <i>Plant Science</i> , 2021, 307, 110907.	3.6	16
25	The Ghd7 transcription factor represses ARE1 expression to enhance nitrogen utilization and grain yield in rice. <i>Molecular Plant</i> , 2021, 14, 1012-1023.	8.3	36
26	Progress and Prospect of Breeding Utilization of Green Revolution Gene SD1 in Rice. <i>Agriculture (Switzerland)</i> , 2021, 11, 611.	3.1	16
27	Primary root and root hair development regulation by <i>OsALX4</i> and its participation in the phosphate starvation response. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1555-1567.	8.5	20
28	A ketoacyl carrier protein reductase confers heat tolerance via the regulation of fatty acid biosynthesis and stress signaling in rice. <i>New Phytologist</i> , 2021, 232, 655-672.	7.3	26
29	The GW2-WG1-OsZIP47 pathway controls grain size and weight in rice. <i>Molecular Plant</i> , 2021, 14, 1266-1280.	8.3	70
30	<i>WHITE AND LESION-MIMIC LEAF1</i> , encoding a lumazine synthase, affects reactive oxygen species balance and chloroplast development in rice. <i>Plant Journal</i> , 2021, 108, 1690-1703.	5.7	8
31	Loci and Natural Alleles for Low-Nitrogen-Induced Growth Response Revealed by the Genome-Wide Association Study Analysis in Rice (<i>Oryza sativa</i> L.). <i>Frontiers in Plant Science</i> , 2021, 12, 770736.	3.6	4
32	Using <i>Heading date 1</i> preponderant alleles from <i>indica</i> cultivars to breed high-yield, high-quality <i>japonica</i> rice varieties for cultivation in south China. <i>Plant Biotechnology Journal</i> , 2020, 18, 119-128.	8.3	30
33	Multifloret spikelet improves rice yield. <i>New Phytologist</i> , 2020, 225, 2301-2306.	7.3	28
34	ABNORMAL FLOWER AND GRAIN 1 encodes OsMADS6 and determines palea identity and affects rice grain yield and quality. <i>Science China Life Sciences</i> , 2020, 63, 228-238.	4.9	28
35	Cyclophilin OsCYP20 with a novel variant integrates defense and cell elongation for chilling response in rice. <i>New Phytologist</i> , 2020, 225, 2453-2467.	7.3	19
36	MYB61 is regulated by GRF4 and promotes nitrogen utilization and biomass production in rice. <i>Nature Communications</i> , 2020, 11, 5219.	12.8	61

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37	Karrikin Signaling Acts Parallel to and Additively with Strigolactone Signaling to Regulate Rice Mesocotyl Elongation in Darkness. <i>Plant Cell</i> , 2020, 32, 2780-2805.	6.6	65
38	MORE FLORET1 Encodes a MYB Transcription Factor That Regulates Spikelet Development in Rice. <i>Plant Physiology</i> , 2020, 184, 251-265.	4.8	16
39	Leaf width gene LW5/D1 affects plant architecture and yield in rice by regulating nitrogen utilization efficiency. <i>Plant Physiology and Biochemistry</i> , 2020, 157, 359-369.	5.8	17
40	Development of Rice Leaves: How Histiocytes Modulate Leaf Polarity Establishment. <i>Rice Science</i> , 2020, 27, 468-479.	3.9	12
41	The complete chloroplast genome of <i>Saussurea medusa</i> (Asteraceae), a rare subnival plant in Qinghai-Tibetan Plateau. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3563-3564.	0.4	1
42	OsCAF2 contains two CRM domains and is necessary for chloroplast development in rice. <i>BMC Plant Biology</i> , 2020, 20, 381.	3.6	9
43	Rice EARLY SENESCENCE 2, encoding an inositol polyphosphate kinase, is involved in leaf senescence. <i>BMC Plant Biology</i> , 2020, 20, 393.	3.6	16
44	The C2H2 zinc-finger protein LACKING RUDIMENTARY GLUME 1 regulates spikelet development in rice. <i>Science Bulletin</i> , 2020, 65, 753-764.	9.0	16
45	Combinatorial Evolution of a Terpene Synthase Gene Cluster Explains Terpene Variations in <i>Oryza</i> . <i>Plant Physiology</i> , 2020, 182, 480-492.	4.8	33
46	Natural variation in the promoter of <i>TGW2</i> determines grain width and weight in rice. <i>New Phytologist</i> , 2020, 227, 629-640.	7.3	89
47	Production of novel beneficial alleles of a rice yield-related QTL by CRISPR/Cas9. <i>Plant Biotechnology Journal</i> , 2020, 18, 1987-1989.	8.3	33
48	Primary leaf-type ferredoxin-1 participates in photosynthetic electron transport and carbon assimilation in rice. <i>Plant Journal</i> , 2020, 104, 44-58.	5.7	26
49	Gain-of-function mutations: key tools for modifying or designing novel proteins in plant molecular engineering. <i>Journal of Experimental Botany</i> , 2020, 71, 1203-1205.	4.8	5
50	Understanding divergent domestication traits from the whole-genome sequencing of swamp- and river-buffalo populations. <i>National Science Review</i> , 2020, 7, 686-701.	9.5	43
51	Control of Grain Size and Weight by the GSK2-LARGE1/OML4 Pathway in Rice. <i>Plant Cell</i> , 2020, 32, 1905-1918.	6.6	61
52	Isolation of TSCD11 Gene for Early Chloroplast Development under High Temperature in Rice. <i>Rice</i> , 2020, 13, 49.	4.0	11
53	Short-term stress from high light and high temperature triggers transcriptomic changes in the <i>local lesions 1</i> rice mutant. <i>Plant Signaling and Behavior</i> , 2019, 14, e1649568.	2.4	0
54	Mutation of a Nucleotide-Binding Leucine-Rich Repeat Immune Receptor-Type Protein Disrupts Immunity to Bacterial Blight. <i>Plant Physiology</i> , 2019, 181, 1295-1313.	4.8	13

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55	<i>OsAH2</i> encodes a MYB domain protein that determines hull fate and affects grain yield and quality in rice. <i>Plant Journal</i> , 2019, 100, 813-824.	5.7	36
56	The indica nitrate reductase gene <i>OsNR2</i> allele enhances rice yield potential and nitrogen use efficiency. <i>Nature Communications</i> , 2019, 10, 5207.	12.8	151
57	A 3-bp deletion of <i>WLS5</i> gene leads to weak growth and early leaf senescence in rice. <i>Rice</i> , 2019, 12, 26.	4.0	6
58	<i>OsCAF1</i> , a CRM Domain Containing Protein, Influences Chloroplast Development. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4386.	4.1	13
59	Characterization, Expression, and Interaction Analyses of <i>OsMORF</i> Gene Family in Rice. <i>Genes</i> , 2019, 10, 694.	2.4	10
60	<i>FON 4</i> prevents the multi-floret spikelet in rice. <i>Plant Biotechnology Journal</i> , 2019, 17, 1007-1009.	8.3	29
61	A Nck-associated protein like protein affects drought sensitivity by its involvement in leaf epidermal development and stomatal closure in rice. <i>Plant Journal</i> , 2019, 98, 884-897.	5.7	19
62	Rapid Creation of New Photoperiod-/Thermo-Sensitive Genic Male-Sterile Rice Materials by CRISPR/Cas9 System. <i>Rice Science</i> , 2019, 26, 129-132.	3.9	10
63	Using CRISPR-Cas9 to generate semi-dwarf rice lines in elite landraces. <i>Scientific Reports</i> , 2019, 9, 19096.	3.3	45
64	<i>OsACL2</i> negatively regulates cell death and disease resistance in rice. <i>Plant Biotechnology Journal</i> , 2019, 17, 1344-1356.	8.3	46
65	The auxin influx carrier, <i>OsAUX3</i> , regulates rice root development and responses to aluminium stress. <i>Plant, Cell and Environment</i> , 2019, 42, 1125-1138.	5.7	57
66	DNA damage and reactive oxygen species cause cell death in the rice <i>local lesions 1</i> mutant under high light and high temperature. <i>New Phytologist</i> , 2019, 222, 349-365.	7.3	44
67	Functional Analysis of Three Rice Chloroplast Transit Peptides. <i>Rice Science</i> , 2019, 26, 11-20.	3.9	3
68	<i>PALE-GREEN LEAF12</i> Encodes a Novel Pentatricopeptide Repeat Protein Required for Chloroplast Development and 16S rRNA Processing in Rice. <i>Plant and Cell Physiology</i> , 2019, 60, 587-598.	3.1	24
69	Genetic variations in <i>ARE1</i> mediate grain yield by modulating nitrogen utilization in rice. <i>Nature Communications</i> , 2018, 9, 735.	12.8	82
70	UMP kinase activity is involved in proper chloroplast development in rice. <i>Photosynthesis Research</i> , 2018, 137, 53-67.	2.9	19
71	The newly identified heat-stress sensitive <i>albino 1</i> gene affects chloroplast development in rice. <i>Plant Science</i> , 2018, 267, 168-179.	3.6	70
72	<i>FRUCTOKINASE-LIKE PROTEIN 1</i> interacts with TRXz to regulate chloroplast development in rice. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 94-111.	8.5	48

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73	Two floret spikelet™ as a novel resource has the potential to increase rice yield. <i>Plant Biotechnology Journal</i> , 2018, 16, 351-353.	8.3	34
74	The rice white green leaf 2 gene causes defects in chloroplast development and affects the plastid ribosomal protein S9. <i>Rice</i> , 2018, 11, 39.	4.0	35
75	Knocking Out the Gene RLS1 Induces Hypersensitivity to Oxidative Stress and Premature Leaf Senescence in Rice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2853.	4.1	12
76	Callus Initiation from Root Explants Employs Different Strategies in Rice and Arabidopsis. <i>Plant and Cell Physiology</i> , 2018, 59, 1782-1789.	3.1	19
77	Genetic analysis and fine-mapping of a new rice mutant, white and lesion mimic leaf1. <i>Plant Growth Regulation</i> , 2018, 85, 425-435.	3.4	20
78	FZP determines grain size and sterile lemma fate in rice. <i>Journal of Experimental Botany</i> , 2018, 69, 4853-4866.	4.8	45
79	A Rice PECTATE LYASE-LIKE Gene Is Required for Plant Growth and Leaf Senescence. <i>Plant Physiology</i> , 2017, 174, 1151-1166.	4.8	96
80	Natural Variation in the Promoter of GSE5 Contributes to Grain Size Diversity in Rice. <i>Molecular Plant</i> , 2017, 10, 685-694.	8.3	253
81	Rational design of high-yield and superior-quality rice. <i>Nature Plants</i> , 2017, 3, 17031.	9.3	293
82	The rice YGL gene encoding an Mg ²⁺ -chelatase ChLD subunit is affected by temperature for chlorophyll biosynthesis. <i>Journal of Plant Biology</i> , 2017, 60, 314-321.	2.1	15
83	Characterization and fine mapping of a new early leaf senescence mutant es3(t) in rice. <i>Plant Growth Regulation</i> , 2017, 81, 419-431.	3.4	18
84	Fine Mapping of a Novel defective glume 1 (dg1) Mutant, Which Affects Vegetative and Spikelet Development in Rice. <i>Frontiers in Plant Science</i> , 2017, 8, 486.	3.6	8
85	Regulatory Role of OsMADS34 in the Determination of Glumes Fate, Grain Yield, and Quality in Rice. <i>Frontiers in Plant Science</i> , 2016, 7, 1853.	3.6	29
86	Mutation of OsNaPRT1 in the NAD Salvage Pathway Leads to Withered Leaf Tips in Rice. <i>Plant Physiology</i> , 2016, 171, pp.01898.2015.	4.8	50
87	Rice Ferredoxin-Dependent Glutamate Synthase Regulates Nitrogen Carbon Metabolomes and Is Genetically Differentiated between japonica and indica Subspecies. <i>Molecular Plant</i> , 2016, 9, 1520-1534.	8.3	73
88	Characterization and fine mapping of the rice gene OsARVL4 regulating leaf morphology and leaf vein development. <i>Plant Growth Regulation</i> , 2016, 78, 345-356.	3.4	36
89	Fine Mapping Identifies a New QTL for Brown Rice Rate in Rice (<i>Oryza Sativa</i> L.). <i>Rice</i> , 2016, 9, 4.	4.0	38
90	Involvement of a Putative Bipartite Transit Peptide in Targeting Rice Pheophorbide a Oxygenase into Chloroplasts for Chlorophyll Degradation during Leaf Senescence. <i>Journal of Genetics and Genomics</i> , 2016, 43, 145-154.	3.9	16

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91	<i>PGL</i> , encoding chlorophyllide a oxygenase 1, impacts leaf senescence and indirectly affects grain yield and quality in rice. <i>Journal of Experimental Botany</i> , 2016, 67, 1297-1310.	4.8	109
92	Breeding high-yield superior quality hybrid super rice by rational design. <i>National Science Review</i> , 2016, 3, 283-294.	9.5	179
93	A host plant genome (<i>Zizania latifolia</i>) after a century-long endophyte infection. <i>Plant Journal</i> , 2015, 83, 600-609.	5.7	67
94	The auxin transporter, OsAUX1, is involved in primary root and root hair elongation and in Cd stress responses in rice (<i>Oryza sativa</i> L.). <i>Plant Journal</i> , 2015, 83, 818-830.	5.7	144
95	COLD1 Confers Chilling Tolerance in Rice. <i>Cell</i> , 2015, 160, 1209-1221.	28.9	724
96	Rice TUTOU1 Encodes a Suppressor of cAMP Receptor-Like Protein That Is Important for Actin Organization and Panicle Development. <i>Plant Physiology</i> , 2015, 169, 1179-1191.	4.8	59
97	Copy number variation at the GL7 locus contributes to grain size diversity in rice. <i>Nature Genetics</i> , 2015, 47, 944-948.	21.4	485
98	A Rare Allele of GS2 Enhances Grain Size and Grain Yield in Rice. <i>Molecular Plant</i> , 2015, 8, 1455-1465.	8.3	382
99	Peptidyl-prolyl isomerization targets rice Aux/IAAs for proteasomal degradation during auxin signalling. <i>Nature Communications</i> , 2015, 6, 7395.	12.8	95
100	Functional Inactivation of Putative Photosynthetic Electron Acceptor Ferredoxin C2 (FdC2) Induces Delayed Heading Date and Decreased Photosynthetic Rate in Rice. <i>PLoS ONE</i> , 2015, 10, e0143361.	2.5	31
101	Auxin response factor (OsARF12), a novel regulator for phosphate homeostasis in rice (<i>Oryza sativa</i>). <i>New Phytologist</i> , 2014, 201, 91-103.	7.3	115
102	Strigolactones regulate rice tiller angle by attenuating shoot gravitropism through inhibiting auxin biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11199-11204.	7.1	121
103	OsABC14 functions in auxin transport and iron homeostasis in rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 ggBT /Overlock 10	5.7	75
104	Heterotrimeric G proteins regulate nitrogen-use efficiency in rice. <i>Nature Genetics</i> , 2014, 46, 652-656.	21.4	338
105	LSCHL4 from Japonica Cultivar, Which Is Allelic to NAL1, Increases Yield of Indica Super Rice 93-11. <i>Molecular Plant</i> , 2014, 7, 1350-1364.	8.3	125
106	SMALL GRAIN1, which encodes a mitogen-activated protein kinase kinase 4, influences grain size in rice. <i>Plant Journal</i> , 2014, 77, 547-557.	5.7	175
107	Genome-Wide Binding Analysis of the Transcription Activator IDEAL PLANT ARCHITECTURE1 Reveals a Complex Network Regulating Rice Plant Architecture. <i>Plant Cell</i> , 2013, 25, 3743-3759.	6.6	588
108	DWARF 53 acts as a repressor of strigolactone signalling in rice. <i>Nature</i> , 2013, 504, 401-405.	27.8	660

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109	A point mutation in the zinc finger motif of RID1/EHD2/OsID1 protein leads to outstanding yield-related traits in japonica rice variety Wuyunjing 7. <i>Rice</i> , 2013, 6, 24.	4.0	33
110	OsARF16, a transcription factor, is required for auxin and phosphate starvation response in rice (<i>Oryza sativa</i> L.). <i>Plant, Cell and Environment</i> , 2013, 36, 607-620.	5.7	142
111	Rice zinc finger protein DST enhances grain production through controlling <i>Gn1a/OsCKX2</i> expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3167-3172.	7.1	252
112	Dissecting yield-associated loci in super hybrid rice by resequencing recombinant inbred lines and improving parental genome sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14492-14497.	7.1	155
113	<i>SEMI-ROLLED LEAF1</i> Encodes a Putative Glycosylphosphatidylinositol-Anchored Protein and Modulates Rice Leaf Rolling by Regulating the Formation of Bulliform Cells. <i>Plant Physiology</i> , 2012, 159, 1488-1500.	4.8	114
114	Rare allele of <i>OsPPKL1</i> associated with grain length causes extra-large grain and a significant yield increase in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21534-21539.	7.1	426
115	Genetic, Molecular and Genomic Basis of Rice Defense against Insects. <i>Critical Reviews in Plant Sciences</i> , 2012, 31, 74-91.	5.7	28
116	A map of rice genome variation reveals the origin of cultivated rice. <i>Nature</i> , 2012, 490, 497-501.	27.8	1,428
117	DWARF AND LOW-TILLERING Acts as a Direct Downstream Target of a GSK3/SHAGGY-Like Kinase to Mediate Brassinosteroid Responses in Rice. <i>Plant Cell</i> , 2012, 24, 2562-2577.	6.6	292
118	Control of grain size, shape and quality by OsSPL16 in rice. <i>Nature Genetics</i> , 2012, 44, 950-954.	21.4	1,004
119	Map-based cloning proves qGC-6, a major QTL for gel consistency of japonica/indica cross, responds by Waxy in rice (<i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , 2011, 123, 859-867.	3.6	75
120	<i>Brittle Culm 12</i> , a dual-targeting kinesin γ protein, controls cell cycle progression and wall properties in rice. <i>Plant Journal</i> , 2010, 63, 312-328.	5.7	114
121	The rice dynamin-related protein DRP2B mediates membrane trafficking, and thereby plays a critical role in secondary cell wall cellulose biosynthesis. <i>Plant Journal</i> , 2010, 64, no-no.	5.7	70
122	Regulation of OsSPL14 by OsmiR156 defines ideal plant architecture in rice. <i>Nature Genetics</i> , 2010, 42, 541-544.	21.4	1,240
123	ELE restrains empty glumes from developing into lemmas. <i>Journal of Genetics and Genomics</i> , 2010, 37, 101-115.	3.9	46
124	SHALLOT-LIKE1 Is a KANADI Transcription Factor That Modulates Rice Leaf Rolling by Regulating Leaf Abaxial Cell Development. <i>Plant Cell</i> , 2009, 21, 719-735.	6.6	211
125	A putative lipase gene <i>EXTRA GLUME1</i> regulates both empty glume fate and spikelet development in rice. <i>Plant Journal</i> , 2009, 57, 593-605.	5.7	81
126	<i>Short panicle1</i> encodes a putative PTR family transporter and determines rice panicle size. <i>Plant Journal</i> , 2009, 58, 592-605.	5.7	215

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127	Natural variation at the DEP1 locus enhances grain yield in rice. <i>Nature Genetics</i> , 2009, 41, 494-497.	21.4	858
128	<i>RETARDED PALEA1</i> Controls Palea Development and Floral Zygomorphy in Rice. <i>Plant Physiology</i> , 2009, 149, 235-244.	4.8	189
129	DWARF27, an Iron-Containing Protein Required for the Biosynthesis of Strigolactones, Regulates Rice Tiller Bud Outgrowth. <i>Plant Cell</i> , 2009, 21, 1512-1525.	6.6	549
130	Mutation of the Rice <i>Narrow leaf1</i> Gene, Which Encodes a Novel Protein, Affects Vein Patterning and Polar Auxin Transport. <i>Plant Physiology</i> , 2008, 147, 1947-1959.	4.8	232
131	Independent Losses of Function in a Polyphenol Oxidase in Rice: Differentiation in Grain Discoloration between Subspecies and the Role of Positive Selection under Domestication. <i>Plant Cell</i> , 2008, 20, 2946-2959.	6.6	80
132	Genetic and Molecular Analysis of Utility of sd1 Alleles in Rice Breeding. <i>Breeding Science</i> , 2007, 57, 53-58.	1.9	90
133	An active DNA transposon nDart causing leaf variegation and mutable dwarfism and its related elements in rice. <i>Plant Journal</i> , 2006, 45, 46-57.	5.7	88
134	LEAFY HEAD2, which encodes a putative RNA-binding protein, regulates shoot development of rice. <i>Cell Research</i> , 2006, 16, 267-276.	12.0	24
135	QTLs and candidate genes for chlorate resistance in rice (<i>Oryzasativa</i> L.). <i>Euphytica</i> , 2006, 152, 141-148.	1.2	14
136	The FLORAL ORGAN NUMBER4 Gene Encoding a Putative Ortholog of Arabidopsis CLAVATA3 Regulates Apical Meristem Size in Rice. <i>Plant Physiology</i> , 2006, 142, 1039-1052.	4.8	198
137	Cytokinin Oxidase Regulates Rice Grain Production. <i>Science</i> , 2005, 309, 741-745.	12.6	1,620
138	Genetic analysis of morphological index and its related taxonomic traits for classification of indica/japonica rice. <i>Science in China Series C: Life Sciences</i> , 2000, 43, 113-119.	1.3	15
139	QTL analysis of the rice seedling cold tolerance in a double haploid population derived from anther culture of a hybrid between indica and japonica rice. <i>Science Bulletin</i> , 2000, 45, 448-453.	1.7	35
140	Identification of salt-tolerance QTL in rice (<i>Oryza sativa</i> L.). <i>Science Bulletin</i> , 1999, 44, 68-71.	1.7	45