

Jiayang Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

151
papers

15,891
citations

62
h-index

125
g-index

163
ext. papers

21,154
ext. citations

15.6
avg, IF

6.51
L-index

#	Paper	IF	Citations
151	Nitric oxide negatively regulates gibberellin signaling to coordinate growth and salt tolerance in Arabidopsis.. <i>Journal of Genetics and Genomics</i> , 2022 ,	4	3
150	Breeding future crops to feed the world through de novo domestication.. <i>Nature Communications</i> , 2022 , 13, 1171	17.4	0
149	Resistant starch formation in rice: Genetic regulation and beyond.. <i>Plant Communications</i> , 2022 , 3, 100329		0
148	Targeting a gene regulatory element enhances rice grain yield by decoupling panicle number and size.. <i>Nature Biotechnology</i> , 2022 ,	44.5	2
147	Generating broad-spectrum tolerance to ALS-inhibiting herbicides in rice by base editing. <i>Science China Life Sciences</i> , 2021 , 64, 1624-1633	8.5	18
146	Molecular basis underlying rice tiller angle: Current progress and future perspectives.. <i>Molecular Plant</i> , 2021 ,	14.4	4
145	Extensive sequence divergence between the reference genomes of <i>Taraxacum kok-saghyz</i> and <i>Taraxacum mongolicum</i> .. <i>Science China Life Sciences</i> , 2021 , 65, 515	8.5	3
144	Rice functional genomics: decades' efforts and roads ahead. <i>Science China Life Sciences</i> , 2021 , 65, 33	8.5	10
143	High-efficiency prime editing with optimized, paired pegRNAs in plants. <i>Nature Biotechnology</i> , 2021 , 39, 923-927	44.5	61
142	A route to de novo domestication of wild allotetraploid rice. <i>Cell</i> , 2021 , 184, 1156-1170.e14	56.2	81
141	Profiling of RNA ribose methylation in <i>Arabidopsis thaliana</i> . <i>Nucleic Acids Research</i> , 2021 , 49, 4104-4119	20.1	4
140	Rice geographic adaption to poor soil: novel insights for sustainable agriculture. <i>Molecular Plant</i> , 2021 , 14, 369-371	14.4	
139	LAZY2 controls rice tiller angle through regulating starch biosynthesis in gravity-sensing cells. <i>New Phytologist</i> , 2021 , 231, 1073-1087	9.8	3
138	Enhancing rice grain production by manipulating the naturally evolved cis-regulatory element-containing inverted repeat sequence of OsREM20. <i>Molecular Plant</i> , 2021 , 14, 997-1011	14.4	5
137	FED: a web tool for foreign element detection of genome-edited organism. <i>Science China Life Sciences</i> , 2021 , 64, 167-170	8.5	3
136	Designing future crops: challenges and strategies for sustainable agriculture. <i>Plant Journal</i> , 2021 , 105, 1165-1178	6.9	31
135	Short- and long-term challenges in crop breeding. <i>National Science Review</i> , 2021 , 8, nwab002	10.8	4

134	Expanding the scope of genome editing with SpG and SpRY variants in rice. <i>Science China Life Sciences</i> , 2021 , 64, 1784-1787	8.5	5
133	Immunopurification of Mitochondria from Arabidopsis. <i>Current Protocols</i> , 2021 , 1, e34		
132	Synergistic interplay of ABA and BR signal in regulating plant growth and adaptation. <i>Nature Plants</i> , 2021 , 7, 1108-1118	11.5	6
131	Genomic basis of geographical adaptation to soil nitrogen in rice. <i>Nature</i> , 2021 , 590, 600-605	50.4	59
130	Strigolactone and Karrikin Signaling Pathways Elicit Ubiquitination and Proteolysis of SMXL2 to Regulate Hypocotyl Elongation in Arabidopsis. <i>Plant Cell</i> , 2020 , 32, 2251-2270	11.6	38
129	Transcriptional regulation of strigolactone signalling in Arabidopsis. <i>Nature</i> , 2020 , 583, 277-281	50.4	68
128	Malate Circulation: Linking Chloroplast Metabolism to Mitochondrial ROS. <i>Trends in Plant Science</i> , 2020 , 25, 446-454	13.1	38
127	Regulation of Rice Tillering by RNA-Directed DNA Methylation at Miniature Inverted-Repeat Transposable Elements. <i>Molecular Plant</i> , 2020 , 13, 851-863	14.4	19
126	Targeted, random mutagenesis of plant genes with dual cytosine and adenine base editors. <i>Nature Biotechnology</i> , 2020 , 38, 875-882	44.5	133
125	ScCas9 recognizes NNG protospacer adjacent motif in genome editing of rice. <i>Science China Life Sciences</i> , 2020 , 63, 450-452	8.5	7
124	Rapid and specific isolation of intact mitochondria from Arabidopsis leaves. <i>Journal of Genetics and Genomics</i> , 2020 , 47, 65-68	4	5
123	An Arabidopsis Secondary Metabolite Directly Targets Expression of the Bacterial Type III Secretion System to Inhibit Bacterial Virulence. <i>Cell Host and Microbe</i> , 2020 , 27, 601-613.e7	23.4	29
122	Transnitrosylation Mediated by the Non-canonical Catalase ROG1 Regulates Nitric Oxide Signaling in Plants. <i>Developmental Cell</i> , 2020 , 53, 444-457.e5	10.2	22
121	A Strigolactone Biosynthesis Gene Contributed to the Green Revolution in Rice. <i>Molecular Plant</i> , 2020 , 13, 923-932	14.4	35
120	β-Carotene Isomerase Suppresses Tillering in Rice through the Coordinated Biosynthesis of Strigolactone and Abscisic Acid. <i>Molecular Plant</i> , 2020 , 13, 1784-1801	14.4	21
119	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	11.6	22
118	Rice Protein Tagging Project: A Call for International Collaborations on Genome-wide In-Locus Tagging of Rice Proteins. <i>Molecular Plant</i> , 2020 , 13, 1663-1665	14.4	4
117	FIS1 encodes a GA2-oxidase that regulates fruit firmness in tomato. <i>Nature Communications</i> , 2020 , 11, 5844	17.4	16

116	The Rice Circadian Clock Regulates Tiller Growth and Panicle Development Through Strigolactone Signaling and Sugar Sensing. <i>Plant Cell</i> , 2020 , 32, 3124-3138	11.6	28
115	DROOPY LEAF1 controls leaf architecture by orchestrating early brassinosteroid signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 21766-21774	11.5	16
114	Towards a deeper haplotype mining of complex traits in rice with RFGB v2.0. <i>Plant Biotechnology Journal</i> , 2020 , 18, 14-16	11.6	29
113	SLR1 inhibits MOC1 degradation to coordinate tiller number and plant height in rice. <i>Nature Communications</i> , 2019 , 10, 2738	17.4	44
112	Strigolactone promotes cytokinin degradation through transcriptional activation of in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 14319-14324	11.5	46
111	Tiller Bud Formation Regulators MOC1 and MOC3 Cooperatively Promote Tiller Bud Outgrowth by Activating FON1 Expression in Rice. <i>Molecular Plant</i> , 2019 , 12, 1090-1102	14.4	36
110	Regulation of mitochondrial NAD pool via NAD transporter 2 is essential for matrix NADH homeostasis and ROS production in Arabidopsis. <i>Science China Life Sciences</i> , 2019 , 62, 991-1002	8.5	17
109	Generation of herbicide tolerance traits and a new selectable marker in wheat using base editing. <i>Nature Plants</i> , 2019 , 5, 480-485	11.5	116
108	OsBRXL4 Regulates Shoot Gravitropism and Rice Tiller Angle through Affecting LAZY1 Nuclear Localization. <i>Molecular Plant</i> , 2019 , 12, 1143-1156	14.4	29
107	Molecular mechanisms underlying plant architecture and its environmental plasticity in rice. <i>Molecular Breeding</i> , 2019 , 39, 1	3.4	5
106	xCas9 expands the scope of genome editing with reduced efficiency in rice. <i>Plant Biotechnology Journal</i> , 2019 , 17, 709-711	11.6	65
105	Genetic variations in ARE1 mediate grain yield by modulating nitrogen utilization in rice. <i>Nature Communications</i> , 2018 , 9, 735	17.4	45
104	Expression of the Nitrate Transporter Gene Confers High Yield and Early Maturation in Rice. <i>Plant Cell</i> , 2018 , 30, 638-651	11.6	145
103	Genomic variation in 3,010 diverse accessions of Asian cultivated rice. <i>Nature</i> , 2018 , 557, 43-49	50.4	582
102	Rice Plant Architecture: Molecular Basis and Application in Breeding 2018 , 129-154		3
101	Rice DWARF14 acts as an unconventional hormone receptor for strigolactone. <i>Journal of Experimental Botany</i> , 2018 , 69, 2355-2365	7	26
100	Robust genome editing of CRISPR-Cas9 at NAG PAMs in rice. <i>Science China Life Sciences</i> , 2018 , 61, 122-125	12.5	36
99	Malate transported from chloroplast to mitochondrion triggers production of ROS and PCD in Arabidopsis thaliana. <i>Cell Research</i> , 2018 , 28, 448-461	24.7	71

98	Genetic Regulation of Shoot Architecture. <i>Annual Review of Plant Biology</i> , 2018 , 69, 437-468	30.7	205
97	Increasing the efficiency of CRISPR-Cas9-VQR precise genome editing in rice. <i>Plant Biotechnology Journal</i> , 2018 , 16, 292-297	11.6	56
96	Genome analysis of <i>Taraxacum kok-saghyz</i> Rodin provides new insights into rubber biosynthesis. <i>National Science Review</i> , 2018 , 5, 78-87	10.8	47
95	Detection of major loci associated with the variation of 18 important agronomic traits between <i>Solanum pimpinellifolium</i> and cultivated tomatoes. <i>Plant Journal</i> , 2018 , 95, 312-323	6.9	16
94	A Core Regulatory Pathway Controlling Rice Tiller Angle Mediated by the -Dependent Asymmetric Distribution of Auxin. <i>Plant Cell</i> , 2018 , 30, 1461-1475	11.6	55
93	Recent advances in molecular basis for strigolactone action. <i>Science China Life Sciences</i> , 2018 , 61, 277-288	5	21
92	Retrospective and perspective of rice breeding in China. <i>Journal of Genetics and Genomics</i> , 2018 , 45, 603-612	4	25
91	A single transcription factor promotes both yield and immunity in rice. <i>Science</i> , 2018 , 361, 1026-1028	33.3	138
90	Dynamic expression reveals a two-step patterning of WUS and CLV3 during axillary shoot meristem formation in Arabidopsis. <i>Journal of Plant Physiology</i> , 2017 , 214, 1-6	3.6	23
89	Construction of a Genome-Wide Mutant Library in Rice Using CRISPR/Cas9. <i>Molecular Plant</i> , 2017 , 10, 1238-1241	14.4	127
88	A D53 repression motif induces oligomerization of TOPLESS corepressors and promotes assembly of a corepressor-nucleosome complex. <i>Science Advances</i> , 2017 , 3, e1601217	14.3	40
87	Tissue-Specific Ubiquitination by IPA1 INTERACTING PROTEIN1 Modulates IPA1 Protein Levels to Regulate Plant Architecture in Rice. <i>Plant Cell</i> , 2017 , 29, 697-707	11.6	58
86	Rational design of high-yield and superior-quality rice. <i>Nature Plants</i> , 2017 , 3, 17031	11.5	155
85	A natural tandem array alleviates epigenetic repression of IPA1 and leads to superior yielding rice. <i>Nature Communications</i> , 2017 , 8, 14789	17.4	85
84	Strigolactones 2017 , 327-359		4
83	Genome-wide association studies dissect the genetic networks underlying agronomical traits in soybean. <i>Genome Biology</i> , 2017 , 18, 161	18.3	190
82	IPA1 functions as a downstream transcription factor repressed by D53 in strigolactone signaling in rice. <i>Cell Research</i> , 2017 , 27, 1128-1141	24.7	115
81	DWARF14, A Receptor Covalently Linked with the Active Form of Strigolactones, Undergoes Strigolactone-Dependent Degradation in Rice. <i>Frontiers in Plant Science</i> , 2017 , 8, 1935	6.2	24

80	Combination of twelve alleles at six quantitative trait loci determines grain weight in rice. <i>PLoS ONE</i> , 2017 , 12, e0181588	3.7	2
79	Gene replacements and insertions in rice by intron targeting using CRISPR-Cas9. <i>Nature Plants</i> , 2016 , 2, 16139	11.5	221
78	Critical roles of soluble starch synthase SSIIIa and granule-bound starch synthase Waxy in synthesizing resistant starch in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 12844-12849	11.5	100
77	A proposed regulatory framework for genome-edited crops. <i>Nature Genetics</i> , 2016 , 48, 109-11	36.3	148
76	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, 145-54	4	10
75	Evolution of Strigolactone Perception by Seeds of Parasitic Plants: Reinventing the Wheel. <i>Molecular Plant</i> , 2016 , 9, 493-5	14.4	1
74	Breeding high-yield superior quality hybrid super rice by rational design. <i>National Science Review</i> , 2016 , 3, 283-294	10.8	108
73	Mitogen-Activated Protein Kinase Cascade MKK7-MPK6 Plays Important Roles in Plant Development and Regulates Shoot Branching by Phosphorylating PIN1 in Arabidopsis. <i>PLoS Biology</i> , 2016 , 14, e1002550	9.7	65
72	Combination of Eight Alleles at Four Quantitative Trait Loci Determines Grain Length in Rice. <i>PLoS ONE</i> , 2016 , 11, e0150832	3.7	9
71	The Arabidopsis CROWDED NUCLEI genes regulate seed germination by modulating degradation of ABI5 protein. <i>Journal of Integrative Plant Biology</i> , 2016 , 58, 669-78	8.3	25
70	Identification of Regulatory DNA Elements Using Genome-wide Mapping of DNase I Hypersensitive Sites during Tomato Fruit Development. <i>Molecular Plant</i> , 2016 , 9, 1168-1182	14.4	16
69	Identification of microRNAs in rice root in response to nitrate and ammonium. <i>Journal of Genetics and Genomics</i> , 2016 , 43, 651-661	4	23
68	Growing Slowly 1 locus encodes a PLS-type PPR protein required for RNA editing and plant development in Arabidopsis. <i>Journal of Experimental Botany</i> , 2016 , 67, 5687-5698	7	26
67	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	14.4	48
66	DWARF14 is a non-canonical hormone receptor for strigolactone. <i>Nature</i> , 2016 , 536, 469-73	50.4	266
65	Structural basis for recognition of diverse transcriptional repressors by the TOPLESS family of corepressors. <i>Science Advances</i> , 2015 , 1, e1500107	14.3	86
64	Copy number variation at the GL7 locus contributes to grain size diversity in rice. <i>Nature Genetics</i> , 2015 , 47, 944-8	36.3	317
63	Peptidyl-prolyl isomerization targets rice Aux/IAAs for proteasomal degradation during auxin signalling. <i>Nature Communications</i> , 2015 , 6, 7395	17.4	65

62	Rice functional genomics and breeding database (RFGB)-3K-rice SNP and InDel sub-database. <i>Chinese Science Bulletin</i> , 2015 , 60, 367-371	2.9	27
61	Tryptophan-independent auxin biosynthesis contributes to early embryogenesis in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4821-6	11.5	120
60	Deficient plastidic fatty acid synthesis triggers cell death by modulating mitochondrial reactive oxygen species. <i>Cell Research</i> , 2015 , 25, 621-33	24.7	57
59	Destabilization of strigolactone receptor DWARF14 by binding of ligand and E3-ligase signaling effector DWARF3. <i>Cell Research</i> , 2015 , 25, 1219-36	24.7	110
58	Activation of Big Grain1 significantly improves grain size by regulating auxin transport in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11102-7	11.5	140
57	Variation in NRT1.1B contributes to nitrate-use divergence between rice subspecies. <i>Nature Genetics</i> , 2015 , 47, 834-8	36.3	334
56	Strigolactone Signaling in Arabidopsis Regulates Shoot Development by Targeting D53-Like SMXL Repressor Proteins for Ubiquitination and Degradation. <i>Plant Cell</i> , 2015 , 27, 3128-42	11.6	216
55	MONOCULM 3, an ortholog of WUSCHEL in rice, is required for tiller bud formation. <i>Journal of Genetics and Genomics</i> , 2015 , 42, 71-8	4	73
54	Genomic analysis of hybrid rice varieties reveals numerous superior alleles that contribute to heterosis. <i>Nature Communications</i> , 2015 , 6, 6258	17.4	178
53	Molecular dissection of complex agronomic traits of rice: a team effort by Chinese scientists in recent years. <i>National Science Review</i> , 2014 , 1, 253-276	10.8	49
52	Signalling and responses to strigolactones and karrikins. <i>Current Opinion in Plant Biology</i> , 2014 , 21, 23-29	9.9	85
51	Molecular genetic dissection of quantitative trait loci regulating rice grain size. <i>Annual Review of Genetics</i> , 2014 , 48, 99-118	14.5	239
50	Natural variation of rice strigolactone biosynthesis is associated with the deletion of two MAX1 orthologs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2379-84	11.5	96
49	Action of strigolactones in plants. <i>The Enzymes</i> , 2014 , 35, 57-84	2.3	9
48	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, 11199-204	11.5	88
47	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, 3743-59	11.6	417
46	DWARF 53 acts as a repressor of strigolactone signalling in rice. <i>Nature</i> , 2013 , 504, 401-5	50.4	475
45	Grain Quality 2013 , 237-254		7

44	Crystal structures of two phytohormone signal-transducing α -hydrolases: karrikin-signaling KAI2 and strigolactone-signaling DWARF14. <i>Cell Research</i> , 2013 , 23, 436-9	24.7	185
43	Rare allele of OsPDK1 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, 21534-9	11.5	298
42	A map of rice genome variation reveals the origin of cultivated rice. <i>Nature</i> , 2012 , 490, 497-501	50.4	994
41	Deletion of the initial 45 residues of ARR18 induces cytokinin response in Arabidopsis. <i>Journal of Genetics and Genomics</i> , 2012 , 39, 37-46	4	16
40	Glabrous Rice 1, encoding a homeodomain protein, regulates trichome development in rice. <i>Rice</i> , 2012 , 5, 32	5.8	27
39	Validation of DGAT1-2 polymorphisms associated with oil content and development of functional markers for molecular breeding of high-oil maize. <i>Molecular Breeding</i> , 2012 , 29, 939-949	3.4	24
38	Degradation of MONOCULM 1 by APC/C(TAD1) regulates rice tillering. <i>Nature Communications</i> , 2012 , 3, 750	17.4	110
37	Branching in rice. <i>Current Opinion in Plant Biology</i> , 2011 , 14, 94-9	9.9	147
36	Regulation of OsSPL14 by OsmiR156 defines ideal plant architecture in rice. <i>Nature Genetics</i> , 2010 , 42, 541-4	36.3	851
35	Hybrid Rice: Genetics, Breeding, and Seed Production 2010 , 15-158		13
34	Dedication: Longping Yuan: Rice Breeder and World Hunger Fighter 2010 , 1-13		
33	Development of gene-tagged molecular markers for starch synthesis-related genes in rice. <i>Science Bulletin</i> , 2010 , 55, 3768-3777		17
32	Identification of chromosome regions conferring dry matter accumulation and photosynthesis in wheat (<i>Triticum aestivum</i> L.). <i>Euphytica</i> , 2010 , 171, 145-156	2.1	26
31	Allelic diversities in rice starch biosynthesis lead to a diverse array of rice eating and cooking qualities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 21760-5	11.5	354
30	Advances in the regulation and crosstalks of phytohormones. <i>Science Bulletin</i> , 2009 , 54, 4069-4082		6
29	Natural variation at the DEP1 locus enhances grain yield in rice. <i>Nature Genetics</i> , 2009 , 41, 494-7	36.3	645
28	DWARF27, an iron-containing protein required for the biosynthesis of strigolactones, regulates rice tiller bud outgrowth. <i>Plant Cell</i> , 2009 , 21, 1512-25	11.6	431
27	A phenylalanine in DGAT is a key determinant of oil content and composition in maize. <i>Nature Genetics</i> , 2008 , 40, 367-72	36.3	317

26	Molecular basis of plant architecture. <i>Annual Review of Plant Biology</i> , 2008 , 59, 253-79	30.7	339
25	Microsatellite markers in rice: abundance, diversity, and applications 2008 , 117-135		12
24	LAZY1 controls rice shoot gravitropism through regulating polar auxin transport. <i>Cell Research</i> , 2007 , 17, 402-10	24.7	202
23	TAC1, a major quantitative trait locus controlling tiller angle in rice. <i>Plant Journal</i> , 2007 , 52, 891-8	6.9	208
22	Through the genetic bottleneck: <i>O. rufipogon</i> as a source of trait-enhancing alleles for <i>O. sativa</i> . <i>Euphytica</i> , 2007 , 154, 317-339	2.1	135
21	Advances in Arabidopsis research in China from 2006 to 2007. <i>Science Bulletin</i> , 2007 , 52, 1729-1733		
20	Increased expression of MAP KINASE KINASE7 causes deficiency in polar auxin transport and leads to plant architectural abnormality in Arabidopsis. <i>Plant Cell</i> , 2006 , 18, 308-20	11.6	122
19	Towards molecular breeding and improvement of rice in China. <i>Trends in Plant Science</i> , 2005 , 10, 610-4	13.1	90
18	The plant architecture of rice (<i>Oryza sativa</i>). <i>Plant Molecular Biology</i> , 2005 , 59, 75-84	4.6	114
17	Fine mapping of a grain-weight quantitative trait locus in the pericentromeric region of rice chromosome 3. <i>Genetics</i> , 2004 , 168, 2187-95	4	152
16	Molecular marker-assisted selection for yield-enhancing genes in the progeny of 9311D . <i>rufipogon</i> using SSR. <i>Euphytica</i> , 2004 , 139, 159-165	2.1	33
15	QTL detection for rice grain quality traits using an interspecific backcross population derived from cultivated Asian (<i>O. sativa</i> L.) and African (<i>O. glaberrima</i> S.) rice. <i>Genome</i> , 2004 , 47, 697-704	2.4	179
14	BRITTLE CULM1, which encodes a COBRA-like protein, affects the mechanical properties of rice plants. <i>Plant Cell</i> , 2003 , 15, 2020-31	11.6	273
13	Mapping and characterization of a tiller-spreading mutant <i>lazy-2</i> in rice. <i>Science Bulletin</i> , 2003 , 48, 2715-2717		1
12	Control of tillering in rice. <i>Nature</i> , 2003 , 422, 618-21	50.4	756
11	Silencing of phosphoethanolamine N-methyltransferase results in temperature-sensitive male sterility and salt hypersensitivity in Arabidopsis. <i>Plant Cell</i> , 2002 , 14, 2031-43	11.6	101
10	The dual effects of ethylene on the negative gravicurvature of arabidopsis inflorescence, an intriguing action model for the plant hormone ethylene. <i>Science Bulletin</i> , 2001 , 46, 279-283		13
9	Differential expression of triplicate phosphoribosylanthranilate isomerase isogenes in the tryptophan biosynthetic pathway of Arabidopsis thaliana (L.) Heynh. <i>Planta</i> , 2001 , 212, 641-7	4.7	13

8	Identification of brassinosteroid responsive genes in Arabidopsis by cDNA array. <i>Science in China Series C: Life Sciences</i> , 2001 , 44, 637-43		12
7	Fine-mapping of an Arabidopsis cell death mutation locus. <i>Science in China Series C: Life Sciences</i> , 2000 , 43, 138-45		3
6	A transgenic wheat with a stilbene synthase gene resistant to powdery mildew obtained by biolistic method. <i>Science Bulletin</i> , 2000 , 45, 634-638		19
5	Deficiency in fatty acid synthase leads to premature cell death and dramatic alterations in plant morphology. <i>Plant Cell</i> , 2000 , 12, 405-18	11.6	186
4	Expression of Arabidopsis tryptophan biosynthetic pathway genes: effect of the 5' coding region of phosphoribosylanthranilate isomerase gene. <i>Science in China Series C: Life Sciences</i> , 1999 , 42, 274-80		
3	Monitoring gene expression by cDNA array. <i>Science Bulletin</i> , 1999 , 44, 441-444		4
2	Identification of trait-improving quantitative trait loci alleles from a wild rice relative, <i>Oryza rufipogon</i> . <i>Genetics</i> , 1998 , 150, 899-909	4	392
1	Genes from wild rice improve yield. <i>Nature</i> , 1996 , 384, 223-224	50.4	289