

# Qing-Yao Shu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-10

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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.

124 papers	3,435 citations	32 h-index	54 g-index
132 ext. papers	4,178 ext. citations	4.5 avg, IF	5.08 L-index

#	Paper	IF	Citations
124	Analysis of proline accumulation, antioxidant capacity and HSP expression in mutant rice lines with different heat tolerance. <i>Australian Journal of Crop Science</i> , <b>2021</b> , 22-27	0.5	1
123	Mutations of the Gene Cause ROS Accumulation and Repress Expression of Peroxidase Genes in Rice. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 682453	6.2	2
122	Identification and characterization of inheritable structural variations induced by ion beam radiations in rice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2021</b> , 823, 111757	3.3	0
121	Metabolite profiling reveals the metabolic features of the progenies resulting from the low phytic acid rice ( <i>Oryza sativa</i> L.) mutant. <i>Journal of Cereal Science</i> , <b>2021</b> , 100, 103251	3.8	0
120	Gold nanoparticles synthesized using melatonin suppress cadmium uptake and alleviate its toxicity in rice. <i>Environmental Science: Nano</i> , <b>2021</b> , 8, 1042-1056	7.1	13
119	OsKEAP1 Interacts with OsABI5 and Its Downregulation Increases the Transcription of and the ABA Response Genes in Germinating Rice Seeds. <i>Plants</i> , <b>2021</b> , 10,	4.5	3
118	Advances in optical phenotyping of cereal crops. <i>Trends in Plant Science</i> , <b>2021</b> ,	13.1	9
117	Nuclear translocation of OsMFT1 that is impeded by OsFTIP1 promotes drought tolerance in rice. <i>Molecular Plant</i> , <b>2021</b> , 14, 1297-1311	14.4	3
116	Identification, Characterization, and Mutational Analysis of a Probable KEAP1 Ortholog in Rice (L.). <i>Plants</i> , <b>2020</b> , 9,	4.5	1
115	Mutagenic Effect of Three Ion Beams on Rice and Identification of Heritable Mutations by Whole Genome Sequencing. <i>Plants</i> , <b>2020</b> , 9,	4.5	2
114	Gene editing: an instrument for practical application of gene biology to plant breeding. <i>Journal of Zhejiang University: Science B</i> , <b>2020</b> , 21, 460-473	4.5	9
113	Generation and Characterization of a Soybean Line with a <i>Vernonia galamensis</i> Diacylglycerol Acyltransferase-1 Gene and a myo-Inositol 1-Phosphate Synthase Knockout Mutation. <i>Lipids</i> , <b>2020</b> , 55, 469-477	1.6	1
112	Mutations of Increase Lysophospholipid Content and Enhance Cooking and Eating Quality in Rice. <i>Plants</i> , <b>2020</b> , 9,	4.5	4
111	Identification and Characterization of γ-Ray-Induced Mutations in Rice Cytoplasmic Genomes by Whole-Genome Sequencing. <i>Cytogenetic and Genome Research</i> , <b>2020</b> , 160, 100-109	1.9	2
110	An <i>ir6</i> Mutant with a 33-nt Deletion Showed Enhanced Tolerance to Salt and Drought Stress in Rice. <i>Plants</i> , <b>2020</b> , 10,	4.5	4
109	Glutamate alleviates cadmium toxicity in rice via suppressing cadmium uptake and translocation. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 384, 121319	12.8	41
108	A Suppressor Mutation Partially Reverts the Trait Lowered Methylation in the Promoter of in Rice. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1003	6.2	9

107	OsDGD2Is the Sole Digalactosyldiacylglycerol Synthase Gene Highly Expressed in Anther, and its Mutation Confers Male Sterility in Rice. <i>Rice</i> , <b>2019</b> , 12, 66	5.8	10
106	Mutational Analysis of Reveals Its Involvement in Phytic Acid Biosynthesis in Rice Grains. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 11436-11443	5.7	21
105	Identification of a major quantitative trait locus and its candidate underlying genetic variation for rice stigma exertion rate. <i>Crop Journal</i> , <b>2019</b> , 7, 350-359	4.6	4
104	Using hyperspectral analysis as a potential high throughput phenotyping tool in GWAS for protein content of rice quality. <i>Plant Methods</i> , <b>2019</b> , 15, 54	5.8	30
103	Mutation of Impairs Plant Growth and Phytic Acid Synthesis in Rice. <i>Plants</i> , <b>2019</b> , 8,	4.5	31
102	Stability of the Metabolite Signature Resulting from the MIPS1 Mutation in Low Phytic Acid Soybean ( <i>Glycine max</i> L. Merr.) Mutants upon Cross-Breeding. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 5043-5052	5.7	
101	Biogas slurry as draw solution of forward osmosis process to extract clean water from micro-polluted water for hydroponic cultivation. <i>Journal of Membrane Science</i> , <b>2019</b> , 576, 88-95	9.6	14
100	Impact of Crossing Parent and Environment on the Metabolite Profiles of Progenies Generated from a Low Phytic Acid Rice ( <i>Oryza sativa</i> L.) Mutant. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 2396-2407	5.7	7
99	Characterization and Mutational Analysis of a Monogalactosyldiacylglycerol Synthase Gene in Rice. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 992	6.2	13
98	Phytic Acid Contents and Metabolite Profiles of Progenies from Crossing and Rice ( L.) Mutants. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 11805-11814	5.7	5
97	Quantification of Serotonin in Rice and Insect Pest and its Functional Analysis in Insects Using Artificial Diet Feeding. <i>Bio-protocol</i> , <b>2019</b> , 9, e3173	0.9	1
96	Impact of Cross-Breeding of Low Phytic Acid MIPS1 and IPK1 Soybean ( <i>Glycine max</i> L. Merr.) Mutants on Their Contents of Inositol Phosphate Isomers. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 247-257	5.7	6
95	Impact of cross-breeding of low phytic acid rice ( <i>Oryza sativa</i> L.) mutants with commercial cultivars on the phytic acid contents. <i>European Food Research and Technology</i> , <b>2019</b> , 245, 707-716	3.4	4
94	Genome-wide identification, evolution and expression analysis of cyclic nucleotide-gated channels in tobacco ( <i>Nicotiana tabacum</i> L.). <i>Genomics</i> , <b>2019</b> , 111, 142-158	4.3	27
93	Rhizosphere-associated <i>Alcaligenes</i> and <i>Bacillus</i> strains that induce resistance against blast and sheath blight diseases, enhance plant growth and improve mineral content in rice. <i>Journal of Applied Microbiology</i> , <b>2018</b> , 124, 779-796	4.7	20
92	Evolutionary and expression analysis of CAMTA gene family in <i>Nicotiana tabacum</i> yielded insights into their origin, expansion and stress responses. <i>Scientific Reports</i> , <b>2018</b> , 8, 10322	4.9	13
91	Resistance of rice to insect pests mediated by suppression of serotonin biosynthesis. <i>Nature Plants</i> , <b>2018</b> , 4, 338-344	11.5	71
90	High-resolution melting-based TILLING of Ray-induced mutations in rice. <i>Journal of Zhejiang University: Science B</i> , <b>2018</b> , 19, 620-629	4.5	8

89	Stability of the Metabolite Signature Resulting from the OsSULTR3;3 Mutation in Low Phytic Acid Rice ( <i>Oryza sativa</i> L.) Seeds upon Cross-breeding. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 9366-9376	5.7	9
88	New Breeding Techniques for Greenhouse Gas (GHG) Mitigation: Plants May Express Nitrous Oxide Reductase. <i>Climate</i> , <b>2018</b> , 6, 80	3.1	1
87	HRM-facilitated rapid identification and genotyping of mutations induced by CRISPR/Cas9 mutagenesis in rice. <i>Crop Breeding and Applied Biotechnology</i> , <b>2018</b> , 18, 184-191	1.1	7
86	Evaluation of Simple and Inexpensive High-Throughput Methods for Phytic Acid Determination. <i>JAACS, Journal of the American Oil Chemists Society</i> , <b>2017</b> , 94, 353-362	1.8	7
85	Analysis of Lysophospholipid Content in Low Phytate Rice Mutants. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 5435-5441	5.7	10
84	Echinochloa crus-galli genome analysis provides insight into its adaptation and invasiveness as a weed. <i>Nature Communications</i> , <b>2017</b> , 8, 1031	17.4	80
83	Comprehensive genomic analysis of the CNGC gene family in Brassica oleracea: novel insights into synteny, structures, and transcript profiles. <i>BMC Genomics</i> , <b>2017</b> , 18, 869	4.5	23
82	CRISPR-S: an active interference element for a rapid and inexpensive selection of genome-edited, transgene-free rice plants. <i>Plant Biotechnology Journal</i> , <b>2017</b> , 15, 1371-1373	11.6	52
81	The Marker Trait Is Associated with Altered Tetrapyrrole Biosynthesis and Deregulated Transcription of PhANGs in Rice. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 901	6.2	9
80	Identification of Substitutions and Small Insertion-Deletions Induced by Carbon-Ion Beam Irradiation in. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 1851	6.2	28
79	Development of an HRM-based, safe and high-throughput genotyping system for two low phytic acid mutations in soybean. <i>Molecular Breeding</i> , <b>2016</b> , 36, 1	3.4	9
78	Rice: Breeding <b>2016</b> , 304-310		
77	Rice Breeding <b>2016</b> ,		
76	Development and molecular characterization of a doubled haploid population derived from a hybrid between rice and wide compatible rice. <i>Breeding Science</i> , <b>2016</b> , 66, 552-559	2	4
75	Disruption of OsSULTR3;3 reduces phytate and phosphorus concentrations and alters the metabolite profile in rice grains. <i>New Phytologist</i> , <b>2016</b> , 211, 926-39	9.8	56
74	Frequency and type of inheritable mutations induced by γ-rays in rice as revealed by whole genome sequencing. <i>Journal of Zhejiang University: Science B</i> , <b>2016</b> , 17, 905-915	4.5	23
73	Genome-wide profiling of genetic variation in Agrobacterium-transformed rice plants. <i>Journal of Zhejiang University: Science B</i> , <b>2016</b> , 17, 992-996	4.5	10
72	Tissue-specific expression, developmentally and spatially regulated alternative splicing, and protein subcellular localization of OsLpa rice. <i>Journal of Zhejiang University: Science B</i> , <b>2016</b> , 17, 100-9	4.5	2

71	Expression of cytochrome P450 CYP81A6 in rice: tissue specificity, protein subcellular localization, and response to herbicide application. <i>Journal of Zhejiang University: Science B</i> , <b>2015</b> , 16, 113-22	4.5	11
70	Genome-wide Association Mapping of Quantitative Trait Loci (QTLs) for Contents of Eight Elements in Brown Rice ( <i>Oryza sativa</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 8008-16	5.7	39
69	An Efficient Procedure for Protoplast Isolation from Mesophyll Cells and Nuclear Fractionation in Rice. <i>Bio-protocol</i> , <b>2015</b> , 5,	0.9	4
68	Characterization of an RNase Z nonsense mutation identified exclusively in environment-conditioned genic male sterile rice. <i>Molecular Breeding</i> , <b>2014</b> , 34, 481-489	3.4	9
67	Identification of proteins associated with ion homeostasis and salt tolerance in barley. <i>Proteomics</i> , <b>2014</b> , 14, 1381-92	4.8	45
66	Workable male sterility systems for hybrid rice: Genetics, biochemistry, molecular biology, and utilization. <i>Rice</i> , <b>2014</b> , 7, 13	5.8	64
65	Production of low phytic acid rice by hairpin RNA- and artificial microRNA-mediated silencing of OsMIK in seeds. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2014</b> , 119, 15-25	2.7	7
64	Seed-specific silencing of OsMRP5 reduces seed phytic acid and weight in rice. <i>Transgenic Research</i> , <b>2014</b> , 23, 585-99	3.3	22
63	Mutagenic effects of carbon-ion irradiation on dry <i>Arabidopsis thaliana</i> seeds. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2014</b> , 759, 28-36	3	18
62	Genome re-sequencing of semi-wild soybean reveals a complex Soja population structure and deep introgression. <i>PLoS ONE</i> , <b>2014</b> , 9, e108479	3.7	23
61	A novel nitrous oxide mitigation strategy: expressing nitrous oxide reductase from <i>Pseudomonas stutzeri</i> in transgenic plants. <i>Canadian Journal of Plant Science</i> , <b>2014</b> , 94, 1013-1023	1	3
60	Cyclic nucleotide-gated ion channel gene family in rice, identification, characterization and experimental analysis of expression response to plant hormones, biotic and abiotic stresses. <i>BMC Genomics</i> , <b>2014</b> , 15, 853	4.5	79
59	Competitive amplification of differentially melting amplicons facilitates efficient genotyping of photoperiod- and temperature-sensitive genic male sterility in rice. <i>Molecular Breeding</i> , <b>2014</b> , 34, 1765-1776	3.4	9
58	A down-regulated epi-allele of the genomes uncoupled 4 gene generates a xantha marker trait in rice. <i>Theoretical and Applied Genetics</i> , <b>2014</b> , 127, 2491-501	6	14
57	Molecular nature of chemically and physically induced mutants in plants: a review. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , <b>2014</b> , 12, S74-S78	1	12
56	Functional molecular markers and high-resolution melting curve analysis of low phytic acid mutations for marker-assisted selection in rice. <i>Molecular Breeding</i> , <b>2013</b> , 31, 517-528	3.4	26
55	Characterization of OsMIK in a rice mutant with reduced phytate content reveals an insertion of a rearranged retrotransposon. <i>Theoretical and Applied Genetics</i> , <b>2013</b> , 126, 3009-20	6	14
54	A rice cis-natural antisense RNA acts as a translational enhancer for its cognate mRNA and contributes to phosphate homeostasis and plant fitness. <i>Plant Cell</i> , <b>2013</b> , 25, 4166-82	11.6	148

53	Metabolite profiling of colored rice ( <i>Oryza sativa</i> L.) grains. <i>Journal of Cereal Science</i> , <b>2012</b> , 55, 112-119	3.8	47
52	Identification and characterization of the soybean IPK1 ortholog of a low phytic acid mutant reveals an exon-excluding splice-site mutation. <i>Theoretical and Applied Genetics</i> , <b>2012</b> , 125, 1413-23	6	31
51	Identification of glutinous maize landraces and inbred lines with altered transcription of waxy gene. <i>Molecular Breeding</i> , <b>2012</b> , 30, 1707-1714	3.4	17
50	Generation and characterization of bentazon susceptible mutants of commercial male sterile lines and evaluation of their utility in hybrid rice production. <i>Field Crops Research</i> , <b>2012</b> , 137, 12-18	5.5	7
49	Characterization of a New Green-Revertible Albino Mutant in Rice. <i>Crop Science</i> , <b>2011</b> , 51, 2706-2715	2.4	5
48	Changes in protein expression profiles between a low phytic acid rice ( <i>Oryza sativa</i> L. Ssp. japonica) line and its parental line: a proteomic and bioinformatic approach. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 6912-22	5.7	15
47	Combining DNA pooling with selective recombinant genotyping for increased efficiency in fine mapping. <i>Theoretical and Applied Genetics</i> , <b>2010</b> , 120, 775-83	6	
46	Fine mapping of a Xantha mutation in rice ( <i>Oryza sativa</i> L.). <i>Euphytica</i> , <b>2010</b> , 172, 215-220	2.1	5
45	An optimal DNA pooling strategy for progressive fine mapping. <i>Genetica</i> , <b>2009</b> , 135, 267-81	1.5	8
44	Mutations of the multi-drug resistance-associated protein ABC transporter gene 5 result in reduction of phytic acid in rice seeds. <i>Theoretical and Applied Genetics</i> , <b>2009</b> , 119, 75-83	6	74
43	Characterization of Pi-ta blast resistance gene in an international rice core collection. <i>Plant Breeding</i> , <b>2009</b> , 129, 491	2.4	3
42	Assessment of the contents of phytic acid and divalent cations in low phytic acid (lpa) mutants of rice and soybean. <i>Journal of Food Composition and Analysis</i> , <b>2009</b> , 22, 278-284	4.1	27
41	Effects of two low phytic acid mutations on seed quality and nutritional traits in soybean ( <i>Glycine max</i> L. Merr). <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 3632-8	5.7	18
40	Effect of non-lethal low phytic acid mutations on grain yield and seed viability in rice. <i>Field Crops Research</i> , <b>2008</b> , 108, 206-211	5.5	37
39	Evaluation and Application of Two High-Iron Transgenic Rice Lines Expressing a Pea Ferritin Gene. <i>Rice Science</i> , <b>2008</b> , 15, 51-56	3.8	15
38	Metabolite profiling of germinating rice seeds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 11612-20	5.7	83
37	Haplotype diversity at the Pi-ta locus in cultivated rice and its wild relatives. <i>Phytopathology</i> , <b>2008</b> , 98, 1305-11	3.8	38
36	Progressive fine mapping in experimental populations: an improved strategy toward positional cloning. <i>Journal of Theoretical Biology</i> , <b>2008</b> , 253, 817-23	2.3	3

35	A revisit of mutation induction by gamma rays in rice ( <i>Oryza sativa</i> L.): implications of microsatellite markers for quality control. <i>Molecular Breeding</i> , <b>2008</b> , 22, 281-288	3.4	27
34	Gene identification and allele-specific marker development for two allelic low phytic acid mutations in rice ( <i>Oryza sativa</i> L.). <i>Molecular Breeding</i> , <b>2008</b> , 22, 603-612	3.4	30
33	Immunotoxicological studies of genetically modified rice expressing PHA-E lectin or Bt toxin in Wistar rats. <i>Toxicology</i> , <b>2008</b> , 245, 24-34	4.4	52
32	Microsatellite analysis for revealing parentage of gamma ray-induced mutants in rice ( <i>Oryza sativa</i> L.). <i>Israel Journal of Plant Sciences</i> , <b>2007</b> , 55, 201-206	0.6	6
31	Metabolite profiling of two low phytic acid (lpa) rice mutants. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 11011-9	5.7	58
30	Density alteration of nutrient elements in rice grains of a low phytate mutant. <i>Food Chemistry</i> , <b>2007</b> , 102, 1400-1406	8.5	29
29	Generation and characterization of low phytic acid germplasm in rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , <b>2007</b> , 114, 803-14	6	111
28	Generation and characterization of two novel low phytate mutations in soybean ( <i>Glycine max</i> L. Merr.). <i>Theoretical and Applied Genetics</i> , <b>2007</b> , 115, 945-57	6	88
27	Fine mapping and candidate gene analysis of purple pericarp gene Pb in rice ( <i>Oryza sativa</i> L.). <i>Science Bulletin</i> , <b>2007</b> , 52, 3097-3104		42
26	Generation, characterization, and application of mutant genetic resources in soybean. <i>Israel Journal of Plant Sciences</i> , <b>2007</b> , 55, 147-157	0.6	3
25	A 90-day safety study of genetically modified rice expressing Cry1Ab protein ( <i>Bacillus thuringiensis</i> toxin) in Wistar rats. <i>Food and Chemical Toxicology</i> , <b>2007</b> , 45, 339-49	4.7	115
24	A 90-day safety study in Wistar rats fed genetically modified rice expressing snowdrop lectin <i>Galanthus nivalis</i> (GNA). <i>Food and Chemical Toxicology</i> , <b>2007</b> , 45, 350-63	4.7	67
23	Safety testing of GM-rice expressing PHA-E lectin using a new animal test design. <i>Food and Chemical Toxicology</i> , <b>2007</b> , 45, 364-77	4.7	45
22	Characterization of indica-type giant embryo mutant rice enriched with nutritional components. <i>Cereal Research Communications</i> , <b>2007</b> , 35, 1459-1468	1.1	8
21	Molecular and biochemical analysis of the gelatinization temperature characteristics of rice ( <i>Oryza sativa</i> L.) Starch granules. <i>Journal of Cereal Science</i> , <b>2006</b> , 44, 40-48	3.8	21
20	Introduction of a xantha mutation for testing and increasing varietal purity in hybrid rice. <i>Field Crops Research</i> , <b>2006</b> , 96, 71-79	5.5	21
19	DNA extraction and fingerprinting of commercial rice cereal products. <i>Food Research International</i> , <b>2006</b> , 39, 433-439	7	14
18	Starch Structure and Digestibility of Rice High in Resistant Starch. <i>Starch/Staerke</i> , <b>2006</b> , 58, 411-417	2.3	24



17	High photosynthetic efficiency of a rice ( <i>Oryza sativa</i> L.) xantha mutant. <i>Photosynthetica</i> , <b>2006</b> , 44, 316-319	12
16	Gene actions of QTLs affecting several agronomic traits resolved in a recombinant inbred rice population and two backcross populations. <i>Theoretical and Applied Genetics</i> , <b>2005</b> , 110, 649-59	6 151
15	Larvicidal Cry proteins from <i>Bacillus thuringiensis</i> are released in root exudates of transgenic <i>B. thuringiensis</i> corn, potato, and rice but not of <i>B. thuringiensis</i> canola, cotton, and tobacco. <i>Plant Physiology and Biochemistry</i> , <b>2004</b> , 42, 383-7	5.4 95
14	COMPARATIVE STUDIES ON MAJOR NUTRITIONAL COMPONENTS AND PHYSICOCHEMICAL PROPERTIES OF THE TRANSGENIC RICE WITH A SYNTHETIC Cry1Ab GENE FROM <i>BACILLUS THURINGIENSIS</i> . <i>Journal of Food Biochemistry</i> , <b>2003</b> , 27, 295-308	3.3 3
13	High levels of stable resistance in transgenic rice with a cry1Ab gene from <i>Bacillus thuringiensis</i> Berliner to rice leaffolder, <i>Cnaphalocrocis medinalis</i> (Guenée) under field conditions. <i>Crop Protection</i> , <b>2003</b> , 22, 171-178	2.7 92
12	A novel thermo/photoperiod-sensitive genic male-sterile (T/PGMS) rice mutant with green-revertible albino leaf color marker induced by gamma irradiation. <i>Field Crops Research</i> , <b>2003</b> , 81, 141-147	5.5 17
11	Toxicological evaluation of transgenic rice flour with a synthetic cry1Ab gene from <i>Bacillus thuringiensis</i> . <i>Journal of the Science of Food and Agriculture</i> , <b>2002</b> , 82, 738-744	4.3 48
10	Inheritance and expression of the cry1Ab gene in Bt ( <i>Bacillus thuringiensis</i> ) transgenic rice. <i>Theoretical and Applied Genetics</i> , <b>2002</b> , 104, 727-734	6 69
9	Effect of gamma irradiation on starch viscosity and physicochemical properties of different rice. <i>Radiation Physics and Chemistry</i> , <b>2002</b> , 65, 79-86	2.5 118
8	In vitro mutagenesis induced novel thermo/photoperiod-sensitive genic male sterile indica rice with green-revertible xantha leaf color marker. <i>Euphytica</i> , <b>2002</b> , 123, 195-202	2.1 11
7	Genetic analysis of resistance of Bt rice to stripe stem borer ( <i>Chilo suppressalis</i> ). <i>Euphytica</i> , <b>2002</b> , 123, 379-386	2.1 19
6	Agronomic and morphological characterization of <i>Agrobacterium</i> -transformed Bt rice plants. <i>Euphytica</i> , <b>2002</b> , 127, 345-352	2.1 37
5	Transcriptional silencing and developmental reactivation of cry1Ab gene in transgenic rice. <i>Science in China Series C: Life Sciences</i> , <b>2002</b> , 45, 68-78	1
4	Field evaluation of resistance of transgenic rice containing a synthetic cry1Ab gene from <i>Bacillus thuringiensis</i> Berliner to two stem borers. <i>Journal of Economic Entomology</i> , <b>2001</b> , 94, 271-6	2.2 128
3	EFFECTS OF GAMMA IRRADIATION ON ASPECTS OF MILLED RICE ( <i>ORYZA SATIVA</i> ) END-USE QUALITY1. <i>Journal of Food Quality</i> , <b>2001</b> , 24, 327-336	2.7 29
2	Transgenic rice plants with a synthetic cry1Ab gene from <i>Bacillus thuringiensis</i> were highly resistant to eight lepidopteran rice pest species. <i>Molecular Breeding</i> , <b>2000</b> , 6, 433-439	3.4 141
1	Induction and Identification of Temperature-Sensitive Albino Genes in Indica Rice ( <i>Oryza sativa</i> L). <i>Cereal Research Communications</i> , <b>1997</b> , 25, 905-910	1.1 3