

# Jinsong Bao

## 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.

149  
papers

6,126  
citations

39  
h-index

73  
g-index

160  
ext. papers

7,318  
ext. citations

5.4  
avg, IF

6.02  
L-index

#	Paper	IF	Citations
149	Fractionation and Extraction of Crude Nuclear Proteins From Seedlings.. <i>Bio-protocol</i> , <b>2022</b> , 12, e4296	0.9	
148	The role of different Wx and BE1b allele combinations on fine structures and functional properties of indica rice starches.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 278, 118972	10.3	3
147	Resistant starch content and physicochemical properties of non-waxy rice starches modified by pullulanase, heat-moisture treatment, and citric acid. <i>Journal of Cereal Science</i> , <b>2022</b> , 105, 103472	3.8	3
146	Starch fine structure and functional properties during seed development in BE1b active and deficient rice. <i>Carbohydrate Polymers</i> , <b>2022</b> , 292, 119640	10.3	0
145	Relative importance of branching enzyme isoforms in determining starch fine structure and physicochemical properties of indica rice. <i>Plant Molecular Biology</i> , <b>2021</b> , 1	4.6	2
144	Characterization of gluten proteins in different parts of wheat grain and their effects on the textural quality of steamed bread. <i>Journal of Cereal Science</i> , <b>2021</b> , 102, 103368	3.8	1
143	The role of indica starch in the mechanism of formation of fresh rice noodles. <i>Journal of Cereal Science</i> , <b>2021</b> , 99, 103212	3.8	2
142	Proteomics and Post-Translational Modifications of Starch Biosynthesis-Related Proteins in Developing Seeds of Rice. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
141	Pasting, gelatinization, and retrogradation characteristics related to structural properties of tea seed starches. <i>Food Hydrocolloids</i> , <b>2021</b> , 117, 106701	10.6	3
140	Exportin-4 coordinates nuclear shuttling of TOPLESS family transcription corepressors to regulate plant immunity. <i>Plant Cell</i> , <b>2021</b> , 33, 697-713	11.6	11
139	The texture of fresh rice noodles as affected by the physicochemical properties and starch fine structure of aged paddy. <i>LWT - Food Science and Technology</i> , <b>2020</b> , 130, 109610	5.4	8
138	Effects of cassava variety and growth location on starch fine structure and physicochemical properties. <i>Food Hydrocolloids</i> , <b>2020</b> , 108, 106074	10.6	12
137	Expression Profiles and Protein Complexes of Starch Biosynthetic Enzymes from White-Core and Waxy Mutants Induced from High Amylose Indica Rice. <i>Rice Science</i> , <b>2020</b> , 27, 152-161	3.8	7
136	Mutations of Increase Lysophospholipid Content and Enhance Cooking and Eating Quality in Rice. <i>Plants</i> , <b>2020</b> , 9,	4.5	4
135	Relationships among starch biosynthesizing protein content, fine structure and functionality in rice. <i>Carbohydrate Polymers</i> , <b>2020</b> , 237, 116118	10.3	21
134	Gelatinization, pasting and retrogradation properties and molecular fine structure of starches from seven cassava cultivars. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 150, 831-838	7.9	11
133	Starch granule-associated proteins affect the physicochemical properties of rice starch. <i>Food Hydrocolloids</i> , <b>2020</b> , 101, 105504	10.6	35

132	Variation in physicochemical properties and nutritional quality in chalky mutants derived from an indica rice. <i>Journal of Cereal Science</i> , <b>2020</b> , 91, 102899	3.8	5
131	Fine structure and relationships with functional properties of pigmented sweet potato starches. <i>Food Chemistry</i> , <b>2020</b> , 311, 126011	8.5	15
130	Rapid prediction of head rice yield and grain shape for genome-wide association study in indica rice. <i>Journal of Cereal Science</i> , <b>2020</b> , 96, 103091	3.8	4
129	Links between microbial compositions and volatile profiles of rice noodle fermentation liquid evaluated by 16S rRNA sequencing and GC-MS. <i>LWT - Food Science and Technology</i> , <b>2020</b> , 118, 108774	5.4	15
128	Phenolic Compounds and Antioxidant Activities of Potato Cultivars with White, Yellow, Red and Purple Flesh. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	16
127	Fine molecular structure and its effects on physicochemical properties of starches in potatoes grown in two locations. <i>Food Hydrocolloids</i> , <b>2019</b> , 97, 105172	10.6	13
126	Impact of Postharvest Operations on Rice Grain Quality: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2019</b> , 18, 626-640	16.4	33
125	Three Major Nucleotide Polymorphisms in the Gene Correlated with the Amounts of Extra-long Chains of Amylopectin in Rice Cultivars with S or L-type Amylopectin. <i>Journal of Applied Glycoscience (1999)</i> , <b>2019</b> , 66, 37-46	1	10
124	Genetic diversity and stability in starch physicochemical property traits of potato breeding lines. <i>Food Chemistry</i> , <b>2019</b> , 290, 201-207	8.5	3
123	The effects of internal endosperm lipids on starch properties: Evidence from rice mutant starches. <i>Journal of Cereal Science</i> , <b>2019</b> , 89, 102804	3.8	14
122	Rice starch <b>2019</b> , 55-108		5
121	Rice lipids and rice bran oil <b>2019</b> , 131-168		9
120	Rice phenolics and other natural products <b>2019</b> , 221-271		1
119	Rice milling quality <b>2019</b> , 339-369		4
118	Biotechnology for rice grain quality improvement <b>2019</b> , 443-471		3
117	Recent understanding of starch biosynthesis in cassava for quality improvement: A review. <i>Trends in Food Science and Technology</i> , <b>2019</b> , 83, 167-180	15.3	25
116	Comparative Phosphoproteomic Analysis of the Developing Seeds in Two Indica Rice ( <i>Oryza sativa</i> L.) Cultivars with Different Starch Quality. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 3030-3037	5.7	11
115	Improving Starch-Related Traits in Potato Crops: Achievements and Future Challenges. <i>Starch/Staerke</i> , <b>2018</b> , 70, 1700113	2.3	11

114	Relationships Between Cooking Properties and Physicochemical Properties in Brown and White Rice. <i>Starch/Staerke</i> , <b>2018</b> , 70, 1700167	2.3	10
113	Rice Flour and Starch Functionality <b>2018</b> , 373-419		9
112	Fine structure and gelatinization and pasting properties relationships among starches from pigmented potatoes. <i>Food Hydrocolloids</i> , <b>2018</b> , 83, 45-52	10.6	25
111	Physicochemical properties and digestibility of endosperm starches in four indica rice mutants. <i>Carbohydrate Polymers</i> , <b>2018</b> , 195, 1-8	10.3	28
110	Genetic diversity of potato genotypes estimated by starch physicochemical properties and microsatellite markers. <i>Food Chemistry</i> , <b>2018</b> , 257, 368-375	8.5	27
109	Bound phenolic compounds and antioxidant properties of whole grain and bran of white, red and black rice. <i>Food Chemistry</i> , <b>2018</b> , 240, 212-221	8.5	128
108	Factors Affecting Sensory Quality of Cooked japonica Rice. <i>Rice Science</i> , <b>2018</b> , 25, 330-339	3.8	31
107	Genome-wide association study of the resistant starch content in rice grains. <i>Starch/Staerke</i> , <b>2017</b> , 69, 1600343	2.3	31
106	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
105	Identification and quantification of polyphenols in hull, bran and endosperm of common buckwheat ( <i>Fagopyrum esculentum</i> ) seeds. <i>Journal of Functional Foods</i> , <b>2017</b> , 38, 363-369	5.1	25
104	Cloning and analysis of the molecularly characterized chitinase genes of <i>Daphnia carinata</i> and <i>Simocephalus vetulus</i> . <i>Genes and Genomics</i> , <b>2017</b> , 39, 1395-1406	2.1	
103	Identification of QTLs for rice flower opening time in two environments. <i>Euphytica</i> , <b>2017</b> , 213, 1	2.1	2
102	Highly phosphorylated functionalized rice starch produced by transgenic rice expressing the potato GWD1 gene. <i>Scientific Reports</i> , <b>2017</b> , 7, 3339	4.9	14
101	Genotypic diversity and environmental stability of starch physicochemical properties in the USDA rice mini-core collection. <i>Food Chemistry</i> , <b>2017</b> , 221, 1186-1196	8.5	10
100	Physicochemical properties and starch digestibility of in-kernel heat-moisture-treated waxy, low-, and high-amylose rice starch. <i>Starch/Staerke</i> , <b>2017</b> , 69, 1600164	2.3	14
99	Association Analysis of Markers Derived from Starch Biosynthesis Related Genes with Starch Physicochemical Properties in the USDA Rice Mini-Core Collection. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 424	6.2	15
98	Cross-Linked Amylose Bio-Plastic: A Transgenic-Based Compostable Plastic Alternative. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	22
97	Variation in mineral elements in grains of 20 brown rice accessions in two environments. <i>Food Chemistry</i> , <b>2016</b> , 192, 873-8	8.5	28

96	Physicochemical and structural characteristics of starches from Chinese hull-less barley cultivars. <i>International Journal of Food Science and Technology</i> , <b>2016</b> , 51, 509-518	3.8	26
95	Genotypic variation in phenolic acids, vitamin E and fatty acids in whole grain rice. <i>Food Chemistry</i> , <b>2016</b> , 197, 776-82	8.5	23
94	Underlying Mechanisms of Zymographic Diversity in Starch Synthase I and Pullulanase in Rice-Developing Endosperm. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 2030-7	5.7	20
93	Variation in Polyphenols, Tocols, $\beta$ -Aminobutyric Acid, and Antioxidant Properties in Whole Grain Rice ( <i>Oryza sativa</i> L.) as Affected by Different Germination Time. <i>Cereal Chemistry</i> , <b>2016</b> , 93, 268-274	2.4	7
92	Genome-wide association study of eating and cooking qualities in different subpopulations of rice ( <i>Oryza sativa</i> L.). <i>BMC Genomics</i> , <b>2016</b> , 17, 663	4.5	23
91	Association Mapping and Marker Development of Genes for Starch Lysophospholipid Synthesis in Rice. <i>Rice Science</i> , <b>2016</b> , 23, 287-296	3.8	7
90	Genome-wide Association Mapping of Polyphenol Contents and Antioxidant Capacity in Whole-Grain Rice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 4695-703	5.7	14
89	Association mapping of quantitative trait loci for yield-related agronomic traits in rice ( <i>Oryza sativa</i> L.). <i>Journal of Integrative Agriculture</i> , <b>2016</b> , 15, 2192-2202	3.2	11
88	Effects of gamma irradiation on physicochemical properties of native and acetylated wheat starches. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 1141-50	7.9	24
87	The contribution of lysophospholipids to pasting and thermal properties of nonwaxy rice starch. <i>Carbohydrate Polymers</i> , <b>2015</b> , 133, 187-93	10.3	19
86	Identification of QTLs for agronomic traits in indica rice using an RIL population. <i>Genes and Genomics</i> , <b>2015</b> , 37, 809-817	2.1	3
85	Relationships among Genetic, Structural, and Functional Properties of Rice Starch. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 6241-8	5.7	71
84	QTL mapping for rice grain quality: a strategy to detect more QTLs within sub-populations. <i>Molecular Breeding</i> , <b>2015</b> , 35, 1	3.4	16
83	The effect of anaerobic treatment on polyphenols, antioxidant properties, tocopherols and free amino acids in white, red, and black germinated rice ( <i>Oryza sativa</i> L.). <i>Journal of Functional Foods</i> , <b>2015</b> , 19, 641-648	5.1	31
82	Physicochemical properties of starches from diverse rice cultivars varying in apparent amylose content and gelatinisation temperature combinations. <i>Food Chemistry</i> , <b>2015</b> , 172, 433-40	8.5	187
81	Viscoelastic properties of starches and flours from two novel rice mutants induced by gamma irradiation. <i>LWT - Food Science and Technology</i> , <b>2015</b> , 60, 578-582	5.4	25
80	Phenolic compounds and antioxidant properties of breeding lines between the white and black rice. <i>Food Chemistry</i> , <b>2015</b> , 172, 630-9	8.5	81
79	Analysis of Genotype, Environment, and Their Interaction Effects on the Phytochemicals and Antioxidant Capacities of Red Rice ( <i>Oryza sativa</i> L.). <i>Cereal Chemistry</i> , <b>2015</b> , 92, 204-210	2.4	19

78	Association Mapping of Quantitative Trait Loci for Mineral Element Contents in Whole Grain Rice ( <i>Oryza sativa</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 10885-92	5-7	54
77	Rapid identification of major QTLs associated with rice grain weight and their utilization. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122206	3-7	38
76	Physicochemical and crystalline properties of heat-moisture-treated rice starch: combined effects of moisture and duration of heating. <i>Journal of the Science of Food and Agriculture</i> , <b>2015</b> , 95, 2874-9	4-3	13
75	Polyphenols in whole rice grain: genetic diversity and health benefits. <i>Food Chemistry</i> , <b>2015</b> , 180, 86-97	8.5	95
74	QTLs for rice flag leaf traits in doubled haploid populations in different environments. <i>Genetics and Molecular Research</i> , <b>2015</b> , 14, 6786-95	1.2	9
73	Analysis of genotype $\times$ environment interactions for polyphenols and antioxidant capacity of rice by association mapping. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 5361-8	5-7	19
72	Association mapping of starch physicochemical properties with starch synthesis-related gene markers in nonwaxy rice ( <i>Oryza sativa</i> L.). <i>Molecular Breeding</i> , <b>2014</b> , 34, 1747-1763	3-4	44
71	Determination of starch lysophospholipids in rice using liquid chromatography-mass spectrometry (LC-MS). <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 6600-7	5-7	33
70	Genotypic variation in lysophospholipids of milled rice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 9353-61	5-7	15
69	Identification and quantification of phenolic acids and anthocyanins as antioxidants in bran, embryo and endosperm of white, red and black rice kernels ( <i>Oryza sativa</i> L.). <i>Journal of Cereal Science</i> , <b>2014</b> , 59, 211-218	3.8	145
68	Genotype $\times$ Environment Interactions for Agronomic Traits of Rice Revealed by Association Mapping. <i>Rice Science</i> , <b>2014</b> , 21, 133-141	3.8	22
67	Genetic diversity of amylose content and RVA pasting parameters in 20 rice accessions grown in Hainan, China. <i>Food Chemistry</i> , <b>2014</b> , 161, 239-45	8.5	49
66	Quantitative trait loci and candidate genes associated with starch pasting viscosity characteristics in cassava ( <i>Manihot esculenta</i> Crantz). <i>Plant Biology</i> , <b>2014</b> , 16, 197-207	3-7	20
65	Diversity of global rice markets and the science required for consumer-targeted rice breeding. <i>PLoS ONE</i> , <b>2014</b> , 9, e85106	3-7	161
64	Genes and QTLs for Rice Grain Quality Improvement <b>2014</b> ,		23
63	Morphological and physicochemical properties of two starch mutants induced from a high amylose indica rice by gamma irradiation. <i>Starch/Staerke</i> , <b>2014</b> , 66, 157-165	2-3	15
62	Phenolic acids, anthocyanins, and antioxidant capacity in rice ( <i>Oryza sativa</i> L.) grains at four stages of development after flowering. <i>Food Chemistry</i> , <b>2014</b> , 143, 90-6	8.5	86
61	Phospholipids in rice: significance in grain quality and health benefits: a review. <i>Food Chemistry</i> , <b>2013</b> , 139, 1133-45	8.5	81

60	Effects of Irradiation on phenolics content, antioxidant activity and physicochemical properties of whole grain rice. <i>Radiation Physics and Chemistry</i> , <b>2013</b> , 85, 227-233	2.5	22
59	Phytochemical compositions, and antioxidant and anti-inflammatory properties of twenty-two red rice samples grown in Zhejiang. <i>LWT - Food Science and Technology</i> , <b>2013</b> , 54, 521-527	5.4	29
58	Association mapping of starch physicochemical properties with starch biosynthesizing genes in waxy rice ( <i>Oryza sativa</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 10110-7	5.7	31
57	Nucleotide polymorphisms in OsAGP genes and their possible association with grain weight of rice. <i>Journal of Cereal Science</i> , <b>2012</b> , 55, 312-317	3.8	13
56	Molecular insights into how a deficiency of amylose affects carbon allocation--carbohydrate and oil analyses and gene expression profiling in the seeds of a rice waxy mutant. <i>BMC Plant Biology</i> , <b>2012</b> , 12, 230	5.3	28
55	Nutraceutical Properties and Health Benefits of Rice <b>2012</b> , 37-64		2
54	OPTIMIZATION OF EXTRACTION OF PHENOLIC ANTIOXIDANTS FROM TEA (CAMELLIA SINENSIS L.) FRUIT PEEL BIOMASS USING RESPONSE SURFACE METHODOLOGY. <i>BioResources</i> , <b>2012</b> , 7,	1.3	11
53	Influence of acid hydrolysis on thermal and rheological properties of amaranth starches varying in amylose content. <i>Journal of the Science of Food and Agriculture</i> , <b>2012</b> , 92, 1800-7	4.3	26
52	Toward Understanding the Genetic and Molecular Bases of the Eating and Cooking Qualities of Rice. <i>Cereal Foods World</i> , <b>2012</b> , 57, 148-156	2	63
51	Mapping of quantitative trait loci for fiber and lignin contents from an interspecific cross <i>Oryza sativa</i> × <i>Oryza rufipogon</i> . <i>Journal of Zhejiang University: Science B</i> , <b>2011</b> , 12, 518-26	4.5	5
50	Association mapping of grain color, phenolic content, flavonoid content and antioxidant capacity in dehulled rice. <i>Theoretical and Applied Genetics</i> , <b>2011</b> , 122, 1005-16	6	79
49	Genetic diversity and population structure of a diverse set of rice germplasm for association mapping. <i>Theoretical and Applied Genetics</i> , <b>2010</b> , 121, 475-87	6	154
48	Molecular marker assisted selection for improvement of the eating, cooking and sensory quality of rice ( <i>Oryza sativa</i> L.). <i>Journal of Cereal Science</i> , <b>2010</b> , 51, 159-164	3.8	56
47	Development of new markers to genotype the functional SNPs of SSIIa, a gene responsible for gelatinization temperature of rice starch. <i>Journal of Cereal Science</i> , <b>2010</b> , 52, 438-443	3.8	17
46	Effect of Irradiation on phenolic compounds in rice grain. <i>Food Chemistry</i> , <b>2010</b> , 120, 74-77	8.5	70
45	Quantitative Trait Loci for Brown Rice Color, Phenolics, Flavonoid Contents, and Antioxidant Capacity in Rice Grain. <i>Cereal Chemistry</i> , <b>2009</b> , 86, 609-615	2.4	25
44	Total phenolics, flavonoids, antioxidant capacity in rice grain and their relations to grain color, size and weight. <i>Journal of Cereal Science</i> , <b>2009</b> , 49, 106-111	3.8	291
43	Granule-bound SSIIa Protein Content and its Relationship with Amylopectin Structure and Gelatinization Temperature of Rice Starch. <i>Starch/Staerke</i> , <b>2009</b> , 61, 431-437	2.3	39

42	Quantitative trait Loci for panicle layer uniformity identified in doubled haploid lines of rice in two environments. <i>Journal of Integrative Plant Biology</i> , <b>2009</b> , 51, 818-24	8.3	22
41	Physical properties of Amaranthus starch. <i>Food Chemistry</i> , <b>2009</b> , 113, 371-376	8.5	78
40	Effect of gamma irradiation on the thermal and rheological properties of grain amaranth starch. <i>Radiation Physics and Chemistry</i> , <b>2009</b> , 78, 954-960	2.5	46
39	Mapping QTLs for heading synchrony in a doubled haploid population of rice in two environments. <i>Journal of Genetics and Genomics</i> , <b>2009</b> , 36, 297-304	4	12
38	Analysis of quantitative trait loci for panicle layer uniformity in rice ( <i>Oryza sativa</i> L.). <i>Cereal Research Communications</i> , <b>2009</b> , 37, 383-390	1.1	
37	Nondestructive prediction of total phenolics, flavonoid contents, and antioxidant capacity of rice grain using near-infrared spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 8268-72	5.7	69
36	Molecular structure of amylopectin from Amaranth starch and its effect on physicochemical properties. <i>International Journal of Biological Macromolecules</i> , <b>2008</b> , 43, 377-82	7.9	69
35	Accurate Measurement of Pasting Temperature by the Rapid Visco-Analyser: a Case Study Using Rice Flour. <i>Rice Science</i> , <b>2008</b> , 15, 69-72	3.8	43
34	Starch physicochemical properties and their associations with microsatellite alleles of starch-synthesizing genes in a rice RIL population. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 1589-94	5.7	22
33	Responses of Rice Genotypes Carrying Different Dwarf Genes to <i>Fusarium moniliforme</i> and Gibberellic Acid. <i>Plant Production Science</i> , <b>2008</b> , 11, 134-138	2.4	13
32	Determination of apparent amylose content, pasting properties and gel texture of rice starch by near-infrared spectroscopy. <i>Journal of the Science of Food and Agriculture</i> , <b>2007</b> , 87, 2040-2048	4.3	26
31	Analysis of genotypic diversity in starch thermal and retrogradation properties in nonwaxy rice. <i>Carbohydrate Polymers</i> , <b>2007</b> , 67, 174-181	10.3	31
30	Determination of thermal and retrogradation properties of rice starch using near-infrared spectroscopy. <i>Journal of Cereal Science</i> , <b>2007</b> , 46, 75-81	3.8	28
29	Genetic mapping of quantitative trait loci associated with fiber and lignin content in rice. <i>Cereal Research Communications</i> , <b>2007</b> , 35, 23-30	1.1	6
28	Nucleotide diversity in starch synthase IIa and validation of single nucleotide polymorphisms in relation to starch gelatinization temperature and other physicochemical properties in rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , <b>2006</b> , 113, 1171-83	6	123
27	Microsatellites, single nucleotide polymorphisms and a sequence tagged site in starch-synthesizing genes in relation to starch physicochemical properties in nonwaxy rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , <b>2006</b> , 113, 1185-96	6	83
26	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
25	Hierarchical action and inhibition of plant Dicer-like proteins in antiviral defense. <i>Science</i> , <b>2006</b> , 313, 68-73	3.3	683

24	Identification of simple sequence repeat (SSR) markers for acid detergent fiber in rice straw by bulked segregant analysis. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 7616-20	5.7	7
23	Analysis of Genotypic Diversity in the Starch Physicochemical Properties of Nonwaxy Rice: Apparent Amylose Content, Pasting Viscosity and Gel Texture. <i>Starch/Staerke</i> , <b>2006</b> , 58, 259-267	2.3	108
22	Analysis of Genetic Diversity and Relationships in Waxy Rice ( <i>Oryza sativa</i> L.) using AFLP and ISSR Markers. <i>Genetic Resources and Crop Evolution</i> , <b>2006</b> , 53, 323-330	2	20
21	Rapid prediction of acid detergent fiber, neutral detergent fiber, and acid detergent lignin of rice materials by near-infrared spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 2843-8	5.7	22
20	Anthocyanins, flavonols, and free radical scavenging activity of Chinese bayberry ( <i>Myrica rubra</i> ) extracts and their color properties and stability. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 2327-32	5.7	323
19	The identification of foods treated with irradiation by the use of a luminescence technique: a case study of milk powder. <i>International Journal of Food Science and Technology</i> , <b>2005</b> , 40, 783-788	3.8	
18	Characterization of Physical Properties of Flour and Starch Obtained from Gamma-Irradiated White Rice. <i>Starch/Staerke</i> , <b>2005</b> , 57, 480-487	2.3	98
17	Analysis of quantitative trait loci for some starch properties of rice ( <i>Oryza sativa</i> L.): thermal properties, gel texture and swelling volume. <i>Journal of Cereal Science</i> , <b>2004</b> , 39, 379-385	3.8	61
16	Genetic diversity in the physicochemical properties of waxy rice ( <i>Oryza sativa</i> L) starch. <i>Journal of the Science of Food and Agriculture</i> , <b>2004</b> , 84, 1299-1306	4.3	37
15	Analysis of genotypic and environmental effects on rice starch. 2. Thermal and retrogradation properties. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 6017-22	5.7	20
14	Analysis of genotypic and environmental effects on rice starch. 1. Apparent amylose content, pasting viscosity, and gel texture. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 6010-6	5.7	86
13	Physical properties of octenyl succinic anhydride modified rice, wheat, and potato starches. <i>Journal of Agricultural and Food Chemistry</i> , <b>2003</b> , 51, 2283-7	5.7	171
12	Microsatellites in starch-synthesizing genes in relation to starch physicochemical properties in waxy rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , <b>2002</b> , 105, 898-905	6	71
11	Analysis of the genetic behavior of some starch properties in indica rice ( <i>Oryza sativa</i> L.): thermal properties, gel texture, swelling volume. <i>Theoretical and Applied Genetics</i> , <b>2002</b> , 104, 408-413	6	52
10	QTL for rice grain quality based on a DH population derived from parents with similar apparent amylose content. <i>Euphytica</i> , <b>2002</b> , 128, 317-324	2.1	59
9	Pasting properties of gamma-irradiated rice starches as affected by pH. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 336-41	5.7	80
8	Analysis of the relationship between Wx alleles and some starch quality parameters of rice ( <i>Oryza sativa</i> L.). <i>Cereal Research Communications</i> , <b>2002</b> , 30, 397-402	1.1	8
7	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

6	Prediction of Rice Starch Quality Parameters by Near-Infrared Reflectance Spectroscopy. <i>Journal of Food Science</i> , <b>2001</b> , 66, 936-939	3.4	74
5	The decontamination effects of gamma irradiation on the edible gelatin. <i>Radiation Physics and Chemistry</i> , <b>2000</b> , 57, 345-348	2.5	20
4	QTL mapping for the paste viscosity characteristics in rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , <b>2000</b> , 100, 280-284	6	85
3	Genetic control of paste viscosity characteristics in indica rice ( <i>Oryza sativa</i> L.). <i>Theoretical and Applied Genetics</i> , <b>1999</b> , 98, 1120-1124	6	50
2	Starch RVA profile parameters of rice are mainly controlled by Wx gene. <i>Science Bulletin</i> , <b>1999</b> , 44, 2047-2051	18	
1	Recent Advances in Modification Approaches, Health Benefits, and Food Applications of Resistant Starch. <i>Starch/Staerke</i> , 2100141	2.3	0