

# Xilin Hou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7552361/publications.pdf>

Version: 2024-02-01

170  
papers

5,434  
citations

94269

37  
h-index

110170

64  
g-index

172  
all docs

172  
docs citations

172  
times ranked

5517  
citing authors

#	ARTICLE	IF	CITATIONS
1	BcGR1.1, a Cytoplasmic Localized Glutathione Reductase, Enhanced Tolerance to Copper Stress in <i>Arabidopsis thaliana</i> . <i>Antioxidants</i> , 2022, 11, 389.	2.2	6
2	Transcriptome analysis and differential gene expression profiling of wucaï ( <i>Brassica campestris</i> L.) in response to cold stress. <i>BMC Genomics</i> , 2022, 23, 137.	1.2	11
3	Ectopic expression of <i>BrlQD35</i> promotes drought stress tolerance in <i>Nicotiana benthamiana</i> . <i>Plant Biology</i> , 2022, 24, 887-896.	1.8	1
4	Non-Heading Chinese Cabbage Database: An Open-Access Platform for the Genomics of <i>Brassica campestris</i> (syn. <i>Brassica rapa</i> ) ssp. <i>chinensis</i> . <i>Plants</i> , 2022, 11, 1005.	1.6	3
5	Tag-Based Pull-Down Assay. <i>Methods in Molecular Biology</i> , 2022, 2400, 105-114.	0.4	1
6	Transcriptome analysis reveals anthocyanin regulation in Chinese cabbage ( <i>Brassica rapa</i> L.) at low temperatures. <i>Scientific Reports</i> , 2022, 12, 6308.	1.6	11
7	<i>BrABF3</i> promotes flowering through the direct activation of <i>CONSTANS</i> transcription in pak choi. <i>Plant Journal</i> , 2022, 111, 134-148.	2.8	8
8	Regulation of BcMYB44 on Anthocyanin Synthesis and Drought Tolerance in Non-Heading Chinese Cabbage ( <i>Brassica campestris</i> ssp. <i>chinensis</i> Makino). <i>Horticulturae</i> , 2022, 8, 351.	1.2	5
9	Genome-Wide Identification and Characterization of TCP Family Genes in Pak-Choi [ <i>Brassica campestris</i> (syn. <i>Brassica rapa</i> ) ssp. <i>chinensis</i> var. <i>communis</i> ]. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	5
10	BcWRKY1 confers salt sensitivity via inhibiting Reactive oxygen species scavenging. <i>Plant Molecular Biology</i> , 2022, 109, 741-759.	2.0	5
11	Genome-wide identification of LEA gene family and cold response mechanism of BcLEA4-7 and BcLEA4-18 in non-heading Chinese cabbage [ <i>Brassica campestris</i> (syn. <i>Brassica rapa</i> ) ssp. <i>chinensis</i> ]. <i>Plant Science</i> , 2022, 321, 111291.	1.7	3
12	Regulatory interaction of BcWRKY33A and BcHSFA4A promotes salt tolerance in non-heading Chinese cabbage [ <i>Brassica campestris</i> (syn. <i>Brassica rapa</i> ) ssp. <i>chinensis</i> ]. <i>Horticulture Research</i> , 2022, 9, .	2.9	11
13	Comparative Transcriptome Analysis of Purple and Green Non-Heading Chinese Cabbage and Function Analyses of BcTT8 Gene. <i>Genes</i> , 2022, 13, 988.	1.0	4
14	Nitrogen Reduction with Bio-Organic Fertilizer Altered Soil Microorganisms, Improved Yield and Quality of Non-Heading Chinese Cabbage ( <i>Brassica campestris</i> ssp. <i>chinensis</i> Makino). <i>Agronomy</i> , 2022, 12, 1437.	1.3	3
15	BcTFIIIA Negatively Regulates Turnip Mosaic Virus Infection through Interaction with Viral CP and VPg Proteins in Pak Choi ( <i>Brassica campestris</i> ssp. <i>chinensis</i> ). <i>Genes</i> , 2022, 13, 1209.	1.0	0
16	Overexpression of a Pak Choi Gene, BcAS2, Causes Leaf Curvature in <i>Arabidopsis thaliana</i> . <i>Genes</i> , 2021, 12, 102.	1.0	7
17	Genome-wide identification and expression analysis of the <i>Brassica oleracea</i> L. chitin-binding genes and response to pathogens infections. <i>Planta</i> , 2021, 253, 80.	1.6	9
18	BcHTT4 Inhibits Branching of Non-Heading Chinese Cabbage at the Vegetative Stage. <i>Plants</i> , 2021, 10, 510.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Cold acclimation can specifically inhibit chlorophyll biosynthesis in young leaves of Pakchoi. <i>BMC Plant Biology</i> , 2021, 21, 172.	1.6	8
20	Direct phosphorylation of HY5 by SPA kinases to regulate photomorphogenesis in Arabidopsis. <i>New Phytologist</i> , 2021, 230, 2311-2326.	3.5	35
21	Integrative iTRAQ-based proteomic and transcriptomic analysis reveals the accumulation patterns of key metabolites associated with oil quality during seed ripening of <i>Camellia oleifera</i> . <i>Horticulture Research</i> , 2021, 8, 157.	2.9	29
22	Transcriptome and Small RNA Combined Sequencing Analysis of Cold Tolerance in Non-heading Chinese Cabbage. <i>Frontiers in Genetics</i> , 2021, 12, 605292.	1.1	0
23	Analysis of Flavonoid Metabolites in Watercress ( <i>Nasturtium officinale</i> R. Br.) and the Non-Heading Chinese Cabbage ( <i>Brassica rapa</i> ssp. <i>chinensis</i> cv. Aijiaohuang) Using UHPLC-ESI-MS/MS. <i>Molecules</i> , 2021, 26, 5825.	1.7	8
24	Distribution, expression and methylation analysis of positively selected genes provides insights into the evolution in <i>Brassica rapa</i> . <i>PLoS ONE</i> , 2021, 16, e0256120.	1.1	0
25	cDNA-AFLP analysis of differentially expressed genes during microspore embryogenesis in non-heading Chinese cabbage. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 18-28.	0.9	4
26	Enhanced Relative Electron Transport Rate Contributes to Increased Photosynthetic Capacity in Autotetraploid Pak Choi. <i>Plant and Cell Physiology</i> , 2020, 61, 761-774.	1.5	20
27	BcERF070, a novel ERF (ethylene-response factor) transcription factor from non-heading Chinese cabbage, affects the accumulation of ascorbic acid by regulating ascorbic acid-related genes. <i>Molecular Breeding</i> , 2020, 40, 1.	1.0	13
28	Genome-Wide Identification and Characterization of the bHLH Transcription Factor Family in Pepper ( <i>Capsicum annum</i> L.). <i>Frontiers in Genetics</i> , 2020, 11, 570156.	1.1	32
29	Correlation Analysis of Expression Profile and Quantitative iTRAQ-LC-MS/MS Proteomics Reveals Resistance Mechanism Against TuMV in Chinese Cabbage ( <i>Brassica rapa</i> ssp. <i>pekinensis</i> ). <i>Frontiers in Genetics</i> , 2020, 11, 963.	1.1	10
30	A Computational Model for the Cold Response Pathway in Plants. <i>Frontiers in Physiology</i> , 2020, 11, 591073.	1.3	9
31	Identification and Expression Analysis of Cold Shock Protein 3 (BcCSP3) in Non-Heading Chinese Cabbage ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ). <i>Plants</i> , 2020, 9, 890.	1.6	4
32	Genome-wide association study of turnip mosaic virus resistance in non-heading Chinese cabbage. <i>3 Biotech</i> , 2020, 10, 363.	1.1	5
33	Transcriptome-Wide N6-Methyladenosine (m6A) Methylome Profiling of Heat Stress in Pak-choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ). <i>Plants</i> , 2020, 9, 1080.	1.6	33
34	Production of ascorbic acid, total protein, callus and root in vitro of non-heading Chinese cabbage by tissue culture. <i>Molecular Biology Reports</i> , 2020, 47, 6887-6897.	1.0	5
35	A plant RNA virus activates selective autophagy in a UPR-dependent manner to promote virus infection. <i>New Phytologist</i> , 2020, 228, 622-639.	3.5	44
36	BcAP3, a MADS box gene, controls stamen development and male sterility in Pak-choi ( <i>Brassica rapa</i> ssp.) Tj ETQq0,0,0 rgBT /Overlock 1	1.0	0

#	ARTICLE	IF	CITATIONS
37	Advances in AP2/ERF super-family transcription factors in plant. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 750-776.	5.1	245
38	Transcriptomic analysis of resistant and susceptible cabbage lines reveals differential expressions and candidate genes involved in cabbage early responses to black rot. <i>3 Biotech</i> , 2020, 10, 308.	1.1	7
39	Bok-choy promotes growth performance, lipid metabolism and related gene expression in Syrian golden hamsters fed with a high-fat diet. <i>Food and Function</i> , 2020, 11, 2693-2703.	2.1	4
40	Enhanced photosynthetic activity in pak choi hybrids is associated with increased grana thylakoids in chloroplasts. <i>Plant Journal</i> , 2020, 103, 2211-2224.	2.8	10
41	The genome sequence of celery ( <i>Apium graveolens</i> L.), an important leaf vegetable crop rich in apigenin in the Apiaceae family. <i>Horticulture Research</i> , 2020, 7, 9.	2.9	61
42	Cloning and Functional Analysis of BcMYB101 Gene Involved in Leaf Development in Pak Choi ( <i>Brassica</i> )	1.8	9
43	A chromosome-level reference genome of non-heading Chinese cabbage [ <i>Brassica campestris</i> (syn.)	2.9	51
44	Molecular Mechanism, Evolution, Expression, and Functional Analyses of MAF/FLC Clade Members in Pak-Choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ). <i>Plant Molecular Biology Reporter</i> , 2019, 37, 334-346.	1.0	0
45	Identification, evolution and functional inference on the cold-shock domain protein family in Pak-choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ) and Chinese cabbage ( <i>Brassica rapa</i> ssp. <i>pekinensis</i> ). <i>Journal of Plant Interactions</i> , 2019, 14, 232-241.	1.0	7
46	Xyloglucan endotransglucosylase-hydrolase30 negatively affects salt tolerance in Arabidopsis. <i>Journal of Experimental Botany</i> , 2019, 70, 5495-5506.	2.4	38
47	The Expanded SWEET Gene Family Following Whole Genome Triplication in <i>Brassica rapa</i> . <i>Genes</i> , 2019, 10, 722.	1.0	28
48	Transcription Coactivator ANGUSTIFOLIA3 (AN3) Regulates Leafy Head Formation in Chinese Cabbage. <i>Frontiers in Plant Science</i> , 2019, 10, 520.	1.7	16
49	<i>Agrobacterium</i> -mediated vacuum infiltration and floral dip transformation of rapid-cycling <i>Brassica rapa</i> . <i>BMC Plant Biology</i> , 2019, 19, 246.	1.6	18
50	Advances in research on the carrot, an important root vegetable in the Apiaceae family. <i>Horticulture Research</i> , 2019, 6, 69.	2.9	127
51	Genome-Wide Identification, Evolution, and Transcriptional Profiling of PP2C Gene Family in <i>Brassica rapa</i> . <i>BioMed Research International</i> , 2019, 2019, 1-15.	0.9	30
52	Gibberellins Play a Role in Regulating Tomato Fruit Ripening. <i>Plant and Cell Physiology</i> , 2019, 60, 1619-1629.	1.5	41
53	BcMAF2 activates BcTEM1 and represses flowering in Pak-choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ). <i>Plant Molecular Biology</i> , 2019, 100, 19-32.	2.0	15
54	The complete chloroplast genome sequence of watercress ( <i>Nasturtium officinale</i> R. Br.): Genome organization, adaptive evolution and phylogenetic relationships in Cardamineae. <i>Gene</i> , 2019, 699, 24-36.	1.0	55

#	ARTICLE	IF	CITATIONS
55	Characterization and expression profile analysis of YABBY family genes in Pak-choi ( <i>Brassica rapa</i> ssp.) Tj ETQq1 1 0,784314 rgBT /Overl	1.8	4
56	Transcriptome profiling reveals the association of multiple genes and pathways contributing to hormonal control in celery leaves. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 524-534.	0.9	6
57	Identification and expression analysis of strigolactone biosynthetic and signaling genes reveal strigolactones are involved in fruit development of the woodland strawberry ( <i>Fragaria vesca</i> ). <i>BMC Plant Biology</i> , 2019, 19, 73.	1.6	19
58	Genome-wide analysis of the Chinese cabbage IQD gene family and the response of BrIQD5 in drought resistance. <i>Plant Molecular Biology</i> , 2019, 99, 603-620.	2.0	31
59	Conjunctive Analyses of BSA-Seq and BSR-Seq to Reveal the Molecular Pathway of Leafy Head Formation in Chinese Cabbage. <i>Plants</i> , 2019, 8, 603.	1.6	13
60	Molecular cloning, characterization and expression analysis of <i>BcHHP3</i> under abiotic stress in Pak-choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ). <i>Journal of Plant Interactions</i> , 2019, 14, 1-9.	1.0	5
61	Genetic dissection of flowering time in <i>Brassica rapa</i> responses to temperature and photoperiod. <i>Plant Science</i> , 2019, 280, 110-119.	1.7	21
62	Identification and Functional Characterization of a Cold-Related Protein, <i>BcHHP5</i> , in Pak-Choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ). <i>International Journal of Molecular Sciences</i> , 2019, 20, 93.	1.8	6
63	Comparative transcriptome discovery and elucidation of the mechanism of long noncoding RNAs during vernalization in <i>Brassica rapa</i> . <i>Plant Growth Regulation</i> , 2018, 85, 27-39.	1.8	19
64	The genome sequence of "Kurodagosun", a major carrot variety in Japan and China, reveals insights into biological research and carrot breeding. <i>Molecular Genetics and Genomics</i> , 2018, 293, 861-871.	1.0	27
65	Beclin1 restricts RNA virus infection in plants through suppression and degradation of the viral polymerase. <i>Nature Communications</i> , 2018, 9, 1268.	5.8	113
66	Vernalization can regulate flowering time through microRNA mechanism in <i>Brassica rapa</i> . <i>Physiologia Plantarum</i> , 2018, 164, 204-215.	2.6	11
67	Genome-Wide Identification, Classification, and Expression Analysis of SNARE Genes in Chinese Cabbage ( <i>Brassica rapa</i> ssp. <i>pekinensis</i> ) Infected by Turnip mosaic virus. <i>Plant Molecular Biology Reporter</i> , 2018, 36, 210-224.	1.0	5
68	Advances in the research of celery, an important Apiaceae vegetable crop. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 172-183.	5.1	105
69	On modified TDRKN methods for second-order systems of differential equations. <i>International Journal of Computer Mathematics</i> , 2018, 95, 159-173.	1.0	6
70	Exponentially fitted symmetric and symplectic DIRK methods for oscillatory Hamiltonian systems. <i>Journal of Mathematical Chemistry</i> , 2018, 56, 1130-1152.	0.7	1
71	Genome-wide Identification, Classification, and Expression Pattern of Homeobox Gene Family in <i>Brassica rapa</i> under Various Stresses. <i>Scientific Reports</i> , 2018, 8, 16265.	1.6	28
72	CeleryDB: a genomic database for celery. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	1.4	27

#	ARTICLE	IF	CITATIONS
73	Evolution and Expression Divergence of E2 Gene Family under Multiple Abiotic and Phytohormones Stresses in Brassica rapa. BioMed Research International, 2018, 2018, 1-18.	0.9	12
74	Isolation and functional characterization of a floral repressor, BcFLC2, from Pak-choi (Brassica rapa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	12
75	Lipidomic study reveals the effect of morphological variation and other metabolite interactions on the lipid composition in various cultivars of Bok choy. Biochemical and Biophysical Research Communications, 2018, 506, 755-764.	1.0	9
76	Genome-Wide Identification, Classification, and Expression Divergence of Glutathione-Transferase Family in Brassica rapa under Multiple Hormone Treatments. BioMed Research International, 2018, 2018, 1-19.	0.9	21
77	Isolation and Functional Characterization of a Floral Repressor, BcMAF1, From Pak-choi (Brassica rapa) Tj ETQq1 1 0.784314 rgBT /Overl	1.7	28
78	The DNA Methylome and Association of Differentially Methylated Regions with Differential Gene Expression during Heat Stress in Brassica rapa. International Journal of Molecular Sciences, 2018, 19, 1414.	1.8	80
79	Genome-Wide Analysis of Lectin Receptor-Like Kinases in Tomato (Solanum lycopersicum) and Its Association with the Infection of Tomato Yellow Leaf Curl Virus. Plant Molecular Biology Reporter, 2018, 36, 429-438.	1.0	14
80	Genome-wide analysis of auxin transport genes identifies the hormone responsive patterns associated with leafy head formation in Chinese cabbage. Scientific Reports, 2017, 7, 42229.	1.6	36
81	Preferential retention, expression profile and potential functional diversity analysis of HD-Zip gene family in Brassica rapa. Plant Growth Regulation, 2017, 82, 421-430.	1.8	1
82	Genome-wide Analysis and Expression Divergence of the Trihelix family in Brassica Rapa: Insight into the Evolutionary Patterns in Plants. Scientific Reports, 2017, 7, 6463.	1.6	37
83	Effects of endogenous hormones on variation of shoot branching in a variety of non-heading Chinese cabbage and related gene expression. Journal of Plant Biology, 2017, 60, 343-351.	0.9	7
84	Allium tuberosum : Antidiabetic and hepatoprotective activities. Food Research International, 2017, 102, 681-689.	2.9	42
85	Role of vernalization-mediated demethylation in the floral transition of Brassica rapa. Planta, 2017, 245, 227-233.	1.6	14
86	Cold acclimation alters DNA methylation patterns and confers tolerance to heat and increases growth rate in Brassica rapa. Journal of Experimental Botany, 2017, 68, 1213-1224.	2.4	81
87	Divergent evolutionary patterns of the MAPK cascade genes in Brassica rapa and plant phylogenetics. Horticulture Research, 2017, 4, 17079.	2.9	21
88	In vitro and in vivo aphrodisiac properties of the seed extract from Allium tuberosum on corpus cavernosum smooth muscle relaxation and sexual behavior parameters in male Wistar rats. BMC Complementary and Alternative Medicine, 2017, 17, 510.	3.7	22
89	Comprehensive Analysis of the CDPK-SnRK Superfamily Genes in Chinese Cabbage and Its Evolutionary Implications in Plants. Frontiers in Plant Science, 2017, 8, 162.	1.7	41
90	Genome-Wide Identification, Evolution, and Expression Analysis of the ATP-Binding Cassette Transporter Gene Family in Brassica rapa. Frontiers in Plant Science, 2017, 8, 349.	1.7	33

#	ARTICLE	IF	CITATIONS
91	Steady-State-Preserving Simulation of Genetic Regulatory Systems. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-16.	0.7	1
92	Identification and Validation of Reference Genes for RT-qPCR Analysis in Non-Heading Chinese Cabbage Flowers. <i>Frontiers in Plant Science</i> , 2016, 7, 811.	1.7	31
93	Cytogenetic Diversity of Simple Sequences Repeats in Morphotypes of <i>Brassica rapa</i> ssp. <i>chinensis</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1049.	1.7	12
94	Phosphorylation of a NAC Transcription Factor by a Calcium/Calmodulin-Dependent Protein Kinase Regulates Abscisic Acid-Induced Antioxidant Defense in Maize. <i>Plant Physiology</i> , 2016, 171, 1651-1664.	2.3	89
95	cDNA-AFLP analysis reveals differential gene expression in incompatible interaction between infected non-heading Chinese cabbage and <i>Hyaloperonospora parasitica</i> . <i>Horticulture Research</i> , 2016, 3, 16034.	2.9	22
96	Transcriptomic and proteomic analyses provide new insights into the regulation mechanism of low-temperature-induced leafy head formation in Chinese cabbage. <i>Journal of Proteomics</i> , 2016, 144, 1-10.	1.2	37
97	Genome-wide analysis of the BES1 transcription factor family in Chinese cabbage ( <i>Brassica rapa</i> ssp.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	35
98	Temperature expression patterns of genes and their coexpression with lncRNAs revealed by RNA-Seq in non-heading Chinese cabbage. <i>BMC Genomics</i> , 2016, 17, 297.	1.2	86
99	Subgenome parallel selection is associated with morphotype diversification and convergent crop domestication in <i>Brassica rapa</i> and <i>Brassica oleracea</i> . <i>Nature Genetics</i> , 2016, 48, 1218-1224.	9.4	297
100	Comparative transcriptome profiling of chilling stress responsiveness in grafted watermelon seedlings. <i>Plant Physiology and Biochemistry</i> , 2016, 109, 561-570.	2.8	34
101	Comprehensive analysis of the polygalacturonase and pectin methylesterase genes in <i>Brassica rapa</i> shed light on their different evolutionary patterns. <i>Scientific Reports</i> , 2016, 6, 25107.	1.6	34
102	Molecular cloning and characterization of BcCSP1, a Pak-choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ) cold shock protein gene highly co-expressed under ABA and cold stimulation. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	17
103	Retention, Molecular Evolution, and Expression Divergence of the Auxin/Indole Acetic Acid and Auxin Response Factor Gene Families in <i>Brassica Rapa</i> Shed Light on Their Evolution Patterns in Plants. <i>Genome Biology and Evolution</i> , 2016, 8, 302-316.	1.1	35
104	Genome-wide analysis and expression patterns of ZF-HD transcription factors under different developmental tissues and abiotic stresses in Chinese cabbage. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1451-1464.	1.0	53
105	Elevated Carbon Dioxide Altered Morphological and Anatomical Characteristics, Ascorbic Acid Accumulation, and Related Gene Expression during Taproot Development in Carrots. <i>Frontiers in Plant Science</i> , 2016, 7, 2026.	1.7	20
106	Comprehensive analysis of the flowering genes in Chinese cabbage and examination of evolutionary pattern of CO-like genes in plant kingdom. <i>Scientific Reports</i> , 2015, 5, 14631.	1.6	41
107	Molecular evolution, characterization, and expression analysis of SnRK2 gene family in Pak-choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ). <i>Frontiers in Plant Science</i> , 2015, 6, 879.	1.7	29
108	Genome-wide survey and expression analysis of the PUB family in Chinese cabbage ( <i>Brassica rapa</i> ssp.) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	37

#	ARTICLE	IF	CITATIONS
109	Induction and development of microspore-derived embryos in broccoli—white-headed cabbage hybrids microspore culture. <i>Euphytica</i> , 2015, 203, 261-272.	0.6	3
110	Genome-wide identification of turnip mosaic virus-responsive microRNAs in non-heading Chinese cabbage by high-throughput sequencing. <i>Gene</i> , 2015, 571, 178-187.	1.0	26
111	Overexpression of BcGS2 gene in non-heading Chinese cabbage ( <i>Brassica campestris</i> ) enhanced GS activity and total amino acid content in transgenic seedlings. <i>Scientia Horticulturae</i> , 2015, 186, 129-136.	1.7	4
112	Karyotype variation and conservation in morphotypes of non-heading Chinese cabbage. <i>Plant Systematics and Evolution</i> , 2015, 301, 1781-1791.	0.3	9
113	Genome-wide analysis of the R2R3-MYB transcription factor genes in Chinese cabbage ( <i>Brassica rapa</i> ) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50	1.2	71
114	Genome-wide identification of SSR and SNP markers from the non-heading Chinese cabbage for comparative genomic analyses. <i>BMC Genomics</i> , 2015, 16, 328.	1.2	48
115	Patterns of Evolutionary Conservation of Ascorbic Acid-Related Genes Following Whole-Genome Triplication in <i>Brassica rapa</i> . <i>Genome Biology and Evolution</i> , 2015, 7, 299-313.	1.1	18
116	Genome-wide analysis of the SBP-box gene family in Chinese cabbage ( <i>Brassica rapa</i> subsp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	21
117	Construction and Analysis of High-Density Linkage Map Using High-Throughput Sequencing Data. <i>PLoS ONE</i> , 2014, 9, e98855.	1.1	319
118	C-repeat binding factor gene family identified in non-heading Chinese cabbage is functional in abiotic and biotic stress response but different from that in <i>Arabidopsis</i> . <i>Acta Physiologiae Plantarum</i> , 2014, 36, 3217-3229.	1.0	9
119	Basic helix-loop-helix transcription factor BcbHLHpol functions as a positive regulator of pollen development in non-heading Chinese cabbage. <i>Functional and Integrative Genomics</i> , 2014, 14, 731-739.	1.4	9
120	CarrotDB: a genomic and transcriptomic database for carrot. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau096-bau096.	1.4	87
121	Proteomic analysis of non-heading Chinese cabbage infected with <i>Hyaloperonospora parasitica</i> . <i>Journal of Proteomics</i> , 2014, 98, 15-30.	1.2	18
122	Cloning and characterization of the nitrate transporter gene BraNRT2.1 in non-heading Chinese cabbage. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 815-823.	1.0	19
123	cDNA Clones and Expression Analysis of cpHSC70 and mtHSC70 in Non-Heading Chinese Cabbage. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 531-540.	1.0	4
124	Genome-wide analysis of the bHLH transcription factor family in Chinese cabbage ( <i>Brassica rapa</i> ssp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	104
125	Genome-Wide Fractionation and Identification of WRKY Transcription Factors in Chinese Cabbage ( <i>Brassica rapa</i> ssp. <i>pekinensis</i> ) Reveals Collinearity and Their Expression Patterns Under Abiotic and Biotic Stresses. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 781-795.	1.0	69
126	Genome-wide identification, classification and expression analysis of the heat shock transcription factor family in Chinese cabbage. <i>Molecular Genetics and Genomics</i> , 2014, 289, 541-551.	1.0	59



#	ARTICLE	IF	CITATIONS
127	Instability in mitochondrial membranes in Polima cytoplasmic male sterility of <i>Brassica rapa</i> ssp. <i>chinensis</i> . <i>Functional and Integrative Genomics</i> , 2014, 14, 441-451.	1.4	8
128	Genome-Wide Analysis and Expression Patterns of NAC Transcription Factor Family Under Different Developmental Stages and Abiotic Stresses in Chinese Cabbage. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 1041-1056.	1.0	55
129	Genes associated with agronomic traits in non-heading Chinese cabbage identified by expression profiling. <i>BMC Plant Biology</i> , 2014, 14, 71.	1.6	21
130	Karyotype of mitotic metaphase and meiotic diakinesis in non-heading Chinese cabbage. <i>Plant Systematics and Evolution</i> , 2014, 300, 295-302.	0.3	6
131	Genome-wide analysis of the GRAS gene family in Chinese cabbage ( <i>Brassica rapa</i> ssp. <i>pekinensis</i> ). <i>Genomics</i> , 2014, 103, 135-146.	1.3	114
132	Transcriptomic, Proteomic, Metabolomic and Functional Genomic Approaches for the Study of Abiotic Stress in Vegetable Crops. <i>Critical Reviews in Plant Sciences</i> , 2014, 33, 225-237.	2.7	76
133	BcRISP1, isolated from non-heading Chinese cabbage, decreases the seed set of transgenic <i>Arabidopsis</i> . <i>Horticulture Research</i> , 2014, 1, 14062.	2.9	4
134	Induction of tetraploidy in non-heading Chinese cabbage ( <i>Brassica</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td ( <i>campestris</i> ssp. <i>chinensis</i> ) concentration. <i>Journal of Horticultural Science and Biotechnology</i> , 2014, 89, 53-60.	0.9	6
135	Nitrate or NaCl regulates floral induction in <i>Arabidopsis thaliana</i> . <i>Biologia (Poland)</i> , 2013, 68, 215-222.	0.8	46
136	Molecular Cloning, Expression Analysis and Localization of Exo70A1 Related to Self Incompatibility in Non-Heading Chinese Cabbage ( <i>Brassica campestris</i> ssp. <i>chinensis</i> ). <i>Journal of Integrative Agriculture</i> , 2013, 12, 2149-2156.	1.7	1
137	Genome-wide analysis of the AP2/ERF transcription factor superfamily in Chinese cabbage ( <i>Brassica</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 467 Td ( <i>campestris</i> ssp. <i>chinensis</i> ) concentration. <i>Journal of Horticultural Science and Biotechnology</i> , 2014, 89, 53-60.	1.2	172
138	Characterization and co-expression analysis of WRKY orthologs involved in responses to multiple abiotic stresses in Pak-choi ( <i>Brassica campestris</i> ssp. <i>chinensis</i> ). <i>BMC Plant Biology</i> , 2013, 13, 188.	1.6	46
139	Comparison of ascorbic acid biosynthesis in different tissues of three non-heading Chinese cabbage cultivars. <i>Plant Physiology and Biochemistry</i> , 2013, 73, 229-236.	2.8	26
140	The SNARE Protein Syp71 Is Essential for Turnip Mosaic Virus Infection by Mediating Fusion of Virus-Induced Vesicles with Chloroplasts. <i>PLoS Pathogens</i> , 2013, 9, e1003378.	2.1	116
141	Validation of reference genes for real-time quantitative PCR normalisation in non-heading Chinese cabbage. <i>Functional Plant Biology</i> , 2012, 39, 342.	1.1	36
142	Response Surface Optimization of <i>Nigella glandulifera</i> Freyn Seed Oil Yield by Supercritical Carbon Dioxide Extraction. <i>Journal of Integrative Agriculture</i> , 2012, 11, 151-158.	1.7	14
143	Overexpression of FLOWERING LOCUS C, Isolated from Non-Heading Chinese Cabbage ( <i>Brassica</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 467 Td ( <i>campestris</i> ssp. <i>chinensis</i> ) Reporter, 2012, 30, 1444-1449.	1.0	13
144	Microtubule and male sterility in a gene-cytoplasmic male sterile line of non-heading Chinese cabbage. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 3046-3054.	1.7	5

#	ARTICLE	IF	CITATIONS
145	BcNRT1, a plasma membrane-localized nitrate transporter from non-heading Chinese cabbage. <i>Molecular Biology Reports</i> , 2012, 39, 7997-8006.	1.0	0
146	Differential gene expression in incompatible interaction between turnip mosaic virus and non-heading Chinese cabbage. <i>European Journal of Plant Pathology</i> , 2012, 132, 393-406.	0.8	3
147	A novel cold-inducible gene from Pak-choi ( <i>Brassica campestris</i> ssp. <i>chinensis</i> ), BcWRKY46, enhances the cold, salt and dehydration stress tolerance in transgenic tobacco. <i>Molecular Biology Reports</i> , 2012, 39, 4553-4564.	1.0	68
148	Identification of conserved microRNAs and their targets in Chinese cabbage ( <i>Brassica rapa</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	29
149	Induction of <i>Anthurium andraeanum</i> tetraploid by colchicine in vitro. <i>Euphytica</i> , 2011, 181, 137-145.	0.6	29
150	Components of the Arabidopsis CBF Cold-Response Pathway Are Conserved in Non-heading Chinese Cabbage. <i>Plant Molecular Biology Reporter</i> , 2011, 29, 525-532.	1.0	40
151	A cDNA Clone of BcHSP81-4 from the Sterility Line (Pol CMS) of Non-heading Chinese Cabbage ( <i>Brassica</i> ) Tj ETQq1_1_0.784314 rgBT 10	1.0	5
152	AtCPK6, a functionally redundant and positive regulator involved in salt/drought stress tolerance in Arabidopsis. <i>Planta</i> , 2010, 231, 1251-1260.	1.6	195
153	Differential gene expression analysis of a new Ogura CMS line and its maintainer in non-heading Chinese cabbage by cDNA-AFLP. <i>Acta Physiologiae Plantarum</i> , 2010, 32, 781-787.	1.0	10
154	Cyanobacteria MT gene SmtA enhance zinc tolerance in Arabidopsis. <i>Molecular Biology Reports</i> , 2010, 37, 1105-1110.	1.0	29
155	Cloning and Characterization of the BcTuR3 Gene Related to Resistance to Turnip Mosaic Virus (TuMV) from Non-heading Chinese Cabbage. <i>Plant Molecular Biology Reporter</i> , 2010, 28, 588-596.	1.0	37
156	Factors affecting seed set in the crosses between <i>Dendranthema grandiflorum</i> (Ramat.) Kitamura and its wild species. <i>Euphytica</i> , 2010, 171, 181-192.	0.6	45
157	Interspecific hybrids between <i>Chrysanthemum grandiflorum</i> (Ramat.) Kitamura and <i>C. indicum</i> (L.) Des Moul. and their drought tolerance evaluation. <i>Euphytica</i> , 2010, 174, 51-60.	0.6	38
158	Molecular cloning and characterisation of cytoplasmic glutamine synthetase gene <i>BcGS1</i> from non-heading Chinese cabbage. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 891-897.	1.7	12
159	Characterization of $\alpha$ -tubulin gene distinctively presented in a cytoplasmic male sterile and its maintainer line of non-heading Chinese cabbage. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 274-280.	1.7	11
160	Promotive effect of 5-aminolevulinic acid on chlorophyll, antioxidative enzymes and photosynthesis of Pakchoi ( <i>Brassica campestris</i> ssp. <i>chinensis</i> var. <i>communis</i> Tsen et Lee). <i>Acta Physiologiae Plantarum</i> , 2009, 31, 51-57.	1.0	64
161	Response of antioxidant activity to excess copper in two cultivars of <i>Brassica campestris</i> ssp. <i>chinensis</i> Makino. <i>Acta Physiologiae Plantarum</i> , 2009, 31, 155-162.	1.0	36
162	High-frequency adventitious shoots regeneration from leaf of non-heading Chinese cabbage ( <i>Brassica</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	9

#	ARTICLE	IF	CITATIONS
163	The construction of a genetic linkage map of non-heading Chinese cabbage ( <i>Brassica campestris</i> ssp.) Tj ETQq1 1 0.784314 rgBT /Over	1.7	12
164	Molecular characterization of two important antifungal proteins isolated by downy mildew infection in non-heading Chinese cabbage. <i>Molecular Biology Reports</i> , 2008, 35, 621-629.	1.0	15
165	Molecular cloning and characterization of nitrate reductase gene from non-heading Chinese cabbage. <i>Scientia Horticulturae</i> , 2008, 119, 1-10.	1.7	12
166	Physiological Responses of Radish ( <i>Raphanus Sativus</i> L.) to Lead Stress. , 2008, , .		1
167	Active oxygen metabolism in the floral buds and leaves of the new cytoplasm male sterile (CMS) line and its maintainer line of non-heading Chinese cabbage. <i>Frontiers of Agriculture in China</i> , 2007, 1, 47-51.	0.2	1
168	Molecular cloning and characterization of nitrate reductase gene cDNA from non-heading Chinese cabbage. <i>Frontiers of Agriculture in China</i> , 2007, 1, 188-192.	0.2	1
169	Promotion by 5-Aminolevulinic Acid of Germination of Pakchoi ( <i>Brassica campestris</i> ssp. <i>chinensis</i> var.) Tj ETQq1 1 0.784314 rgBT /Over	4.1	78
170	Integrated Analysis of Hi-C and RNA-Seq Reveals the Molecular Mechanism of Autopolyploid Growth Advantages in Pak Choi ( <i>Brassica rapa</i> ssp. <i>chinensis</i> ). <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2