

Xianghua Li

List of Publications by Citations

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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.

100
papers

9,840
citations

48
h-index

99
g-index

102
ext. papers

12,440
ext. citations

8.6
avg, IF

5.83
L-index

#	Paper	IF	Citations
100	Natural variation in Ghd7 is an important regulator of heading date and yield potential in rice. <i>Nature Genetics</i> , 2008 , 40, 761-7	36.3	1221
99	Overexpressing a NAM, ATAF, and CUC (NAC) transcription factor enhances drought resistance and salt tolerance in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 12987-92	11.5	1133
98	Natural variation in GS5 plays an important role in regulating grain size and yield in rice. <i>Nature Genetics</i> , 2011 , 43, 1266-9	36.3	581
97	Activation of the indole-3-acetic acid-amido synthetase GH3-8 suppresses expansin expression and promotes salicylate- and jasmonate-independent basal immunity in rice. <i>Plant Cell</i> , 2008 , 20, 228-40	11.6	405
96	Xa26, a gene conferring resistance to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> in rice, encodes an LRR receptor kinase-like protein. <i>Plant Journal</i> , 2004 , 37, 517-27	6.9	366
95	OsWRKY13 mediates rice disease resistance by regulating defense-related genes in salicylate- and jasmonate-dependent signaling. <i>Molecular Plant-Microbe Interactions</i> , 2007 , 20, 492-9	3.6	345
94	A Raf-like MAPKKK gene DSM1 mediates drought resistance through reactive oxygen species scavenging in rice. <i>Plant Physiology</i> , 2010 , 152, 876-90	6.6	258
93	Identification and expression profiling analysis of TIFY family genes involved in stress and phytohormone responses in rice. <i>Plant Molecular Biology</i> , 2009 , 71, 291-305	4.6	243
92	A stress-responsive NAC transcription factor SNAC3 confers heat and drought tolerance through modulation of reactive oxygen species in rice. <i>Journal of Experimental Botany</i> , 2015 , 66, 6803-17	7	227
91	Constitutive activation of transcription factor OsbZIP46 improves drought tolerance in rice. <i>Plant Physiology</i> , 2012 , 158, 1755-68	6.6	224
90	A triallelic system of S5 is a major regulator of the reproductive barrier and compatibility of indica-japonica hybrids in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 11436-41	11.5	211
89	A pair of allelic WRKY genes play opposite roles in rice-bacteria interactions. <i>Plant Physiology</i> , 2009 , 151, 936-48	6.6	201
88	Chalk5 encodes a vacuolar H(+)-translocating pyrophosphatase influencing grain chalkiness in rice. <i>Nature Genetics</i> , 2014 , 46, 398-404	36.3	181
87	A killer-protector system regulates both hybrid sterility and segregation distortion in rice. <i>Science</i> , 2012 , 337, 1336-40	33.3	179
86	The bacterial pathogen <i>Xanthomonas oryzae</i> overcomes rice defenses by regulating host copper redistribution. <i>Plant Cell</i> , 2010 , 22, 3164-76	11.6	166
85	Development of insect-resistant transgenic indica rice with a synthetic cry1C* gene. <i>Molecular Breeding</i> , 2006 , 18, 1-10	3.4	163
84	Coordinated regulation of vegetative and reproductive branching in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15504-9	11.5	156

83	A paralog of the MtN3/saliva family recessively confers race-specific resistance to <i>Xanthomonas oryzae</i> in rice. <i>Plant, Cell and Environment</i> , 2011 , 34, 1958-69	8.4	155
82	A convenient method for simultaneous quantification of multiple phytohormones and metabolites: application in study of rice-bacterium interaction. <i>Plant Methods</i> , 2012 , 8, 2	5.8	144
81	Xa3, conferring resistance for rice bacterial blight and encoding a receptor kinase-like protein, is the same as Xa26. <i>Theoretical and Applied Genetics</i> , 2006 , 113, 1347-55	6	138
80	PMS1T, producing phased small-interfering RNAs, regulates photoperiod-sensitive male sterility in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 15144-15149	11.5	133
79	Grain number, plant height, and heading date7 is a central regulator of growth, development, and stress response. <i>Plant Physiology</i> , 2014 , 164, 735-47	6.6	130
78	OsAAP6 functions as an important regulator of grain protein content and nutritional quality in rice. <i>Nature Communications</i> , 2014 , 5, 4847	17.4	124
77	Rice gene network inferred from expression profiling of plants overexpressing OsWRKY13, a positive regulator of disease resistance. <i>Molecular Plant</i> , 2008 , 1, 538-51	14.4	120
76	The expression pattern of a rice disease resistance gene xa3/xa26 is differentially regulated by the genetic backgrounds and developmental stages that influence its function. <i>Genetics</i> , 2007 , 177, 523-33	4	119
75	Breeding signatures of rice improvement revealed by a genomic variation map from a large germplasm collection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5411-9	11.5	116
74	Improvement of multiple agronomic traits by a disease resistance gene via cell wall reinforcement. <i>Nature Plants</i> , 2017 , 3, 17009	11.5	108
73	A STRESS-RESPONSIVE NAC1-regulated protein phosphatase gene rice protein phosphatase18 modulates drought and oxidative stress tolerance through abscisic acid-independent reactive oxygen species scavenging in rice. <i>Plant Physiology</i> , 2014 , 166, 2100-14	6.6	95
72	A G-protein pathway determines grain size in rice. <i>Nature Communications</i> , 2018 , 9, 851	17.4	91
71	OsEDR1 negatively regulates rice bacterial resistance via activation of ethylene biosynthesis. <i>Plant, Cell and Environment</i> , 2011 , 34, 179-91	8.4	90
70	The WRKY45-2 WRKY13 WRKY42 transcriptional regulatory cascade is required for rice resistance to fungal pathogen. <i>Plant Physiology</i> , 2015 , 167, 1087-99	6.6	88
69	A CCCH-type zinc finger nucleic acid-binding protein quantitatively confers resistance against rice bacterial blight disease. <i>Plant Physiology</i> , 2012 , 158, 876-89	6.6	85
68	Mitogen-activated protein kinase OsMPK6 negatively regulates rice disease resistance to bacterial pathogens. <i>Planta</i> , 2007 , 226, 953-60	4.7	83
67	Rice WRKY13 regulates cross talk between abiotic and biotic stress signaling pathways by selective binding to different cis-elements. <i>Plant Physiology</i> , 2013 , 163, 1868-82	6.6	81
66	A rice gene of de novo origin negatively regulates pathogen-induced defense response. <i>PLoS ONE</i> , 2009 , 4, e4603	3.7	81

65	Opposite functions of a rice mitogen-activated protein kinase during the process of resistance against <i>Xanthomonas oryzae</i> . <i>Plant Journal</i> , 2010 , 64, 86-99	6.9	79
64	MODD Mediates Deactivation and Degradation of OsZIP46 to Negatively Regulate ABA Signaling and Drought Resistance in Rice. <i>Plant Cell</i> , 2016 , 28, 2161-2177	11.6	78
63	New insights into the genetic basis of natural chilling and cold shock tolerance in rice by genome-wide association analysis. <i>Plant, Cell and Environment</i> , 2016 , 39, 556-70	8.4	75
62	Pathogen-induced expressional loss of function is the key factor in race-specific bacterial resistance conferred by a recessive R gene xa13 in rice. <i>Plant and Cell Physiology</i> , 2009 , 50, 947-55	4.9	73
61	Dual function of rice OsDR8 gene in disease resistance and thiamine accumulation. <i>Plant Molecular Biology</i> , 2006 , 60, 437-49	4.6	73
60	Differential expression of GS5 regulates grain size in rice. <i>Journal of Experimental Botany</i> , 2015 , 66, 2611-23		72
59	A host basal transcription factor is a key component for infection of rice by TALE-carrying bacteria. <i>ELife</i> , 2016 , 5,	8.9	72
58	The OsMYB30 Transcription Factor Suppresses Cold Tolerance by Interacting with a JAZ Protein and Suppressing α -Amylase Expression. <i>Plant Physiology</i> , 2017 , 173, 1475-1491	6.6	68
57	Genetic control of the root system in rice under normal and drought stress conditions by genome-wide association study. <i>PLoS Genetics</i> , 2017 , 13, e1006889	6	68
56	Transposon-derived small RNA is responsible for modified function of WRKY45 locus. <i>Nature Plants</i> , 2016 , 2, 16016	11.5	54
55	MAPK kinase 10.2 promotes disease resistance and drought tolerance by activating different MAPKs in rice. <i>Plant Journal</i> , 2017 , 92, 557-570	6.9	53
54	Integrative Regulation of Drought Escape through ABA-Dependent and -Independent Pathways in Rice. <i>Molecular Plant</i> , 2018 , 11, 584-597	14.4	52
53	Overexpression of OsSWEET5 in rice causes growth retardation and precocious senescence. <i>PLoS ONE</i> , 2014 , 9, e94210	3.7	51
52	Ghd2, a CONSTANS-like gene, confers drought sensitivity through regulation of senescence in rice. <i>Journal of Experimental Botany</i> , 2016 , 67, 5785-5798	7	46
51	The QTL controlling amino acid content in grains of rice (<i>Oryza sativa</i>) are co-localized with the regions involved in the amino acid metabolism pathway. <i>Molecular Breeding</i> , 2007 , 21, 127-137	3.4	40
50	Translational repression by a miniature inverted-repeat transposable element in the 3' untranslated region. <i>Nature Communications</i> , 2017 , 8, 14651	17.4	38
49	Genome-wide Association Analyses Reveal the Genetic Basis of Stigma Exsertion in Rice. <i>Molecular Plant</i> , 2017 , 10, 634-644	14.4	37
48	The RING-Finger Ubiquitin Ligase HAF1 Mediates Heading date 1 Degradation during Photoperiodic Flowering in Rice. <i>Plant Cell</i> , 2015 , 27, 2455-68	11.6	36

47	Rice OsPAD4 functions differently from Arabidopsis AtPAD4 in host-pathogen interactions. <i>Plant Journal</i> , 2014 , 78, 619-31	6.9	34
46	Dissection of the factors affecting development-controlled and race-specific disease resistance conferred by leucine-rich repeat receptor kinase-type R genes in rice. <i>Theoretical and Applied Genetics</i> , 2009 , 119, 231-9	6	33
45	Functional analysis of Xa3/Xa26 family members in rice resistance to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Theoretical and Applied Genetics</i> , 2007 , 115, 887-95	6	30
44	Genetic Basis of Variation in Rice Seed Storage Protein (Albumin, Globulin, Prolamin, and Glutelin) Content Revealed by Genome-Wide Association Analysis. <i>Frontiers in Plant Science</i> , 2018 , 9, 612	6.2	27
43	Epistasis and complementary gene action adequately account for the genetic bases of transgressive segregation of kilo-grain weight in rice. <i>Euphytica</i> , 2011 , 180, 261-271	2.1	25
42	Reversible Histone H2B Monoubiquitination Fine-Tunes Abscisic Acid Signaling and Drought Response in Rice. <i>Molecular Plant</i> , 2019 , 12, 263-277	14.4	22
41	Transcriptome-based analysis of mitogen-activated protein kinase cascades in the rice response to <i>Xanthomonas oryzae</i> infection. <i>Rice</i> , 2015 , 8, 4	5.8	22
40	Transcriptomic analysis of rice responses to low phosphorus stress. <i>Science Bulletin</i> , 2010 , 55, 251-258		21
39	Multiple Alleles Encoding Atypical NLRs with Unique Central Tandem Repeats in Rice Confer Resistance to pv.. <i>Plant Communications</i> , 2020 , 1, 100088	9	17
38	The origin of Wx provides new insights into the improvement of grain quality in rice. <i>Journal of Integrative Plant Biology</i> , 2021 , 63, 878-888	8.3	17
37	A Cytosolic Triosephosphate Isomerase Is a Key Component in XA3/XA26-Mediated Resistance. <i>Plant Physiology</i> , 2018 , 178, 923-935	6.6	17
36	A Conserved Basal Transcription Factor Is Required for the Function of Diverse TAL Effectors in Multiple Plant Hosts. <i>Frontiers in Plant Science</i> , 2017 , 8, 1919	6.2	16
35	Identification of genes contributing to quantitative disease resistance in rice. <i>Science China Life Sciences</i> , 2010 , 53, 1263-73	8.5	15
34	Three representative inter and intra-subspecific crosses reveal the genetic architecture of reproductive isolation in rice. <i>Plant Journal</i> , 2017 , 92, 349-362	6.9	14
33	Small RNAs and Gene Network in a Durable Disease Resistance Gene--Mediated Defense Responses in Rice. <i>PLoS ONE</i> , 2015 , 10, e0137360	3.7	14
32	Comparison of quantitative trait loci for 1,000-grain weight and spikelets per panicle across three connected rice populations. <i>Euphytica</i> , 2010 , 175, 383-394	2.1	14
31	Origination and Establishment of a Trigenic Reproductive Isolation System in Rice. <i>Molecular Plant</i> , 2016 , 9, 1542-1545	14.4	14
30	Characterization of a disease susceptibility locus for exploring an efficient way to improve rice resistance against bacterial blight. <i>Science China Life Sciences</i> , 2017 , 60, 298-306	8.5	13

29	Processes Underlying a Reproductive Barrier in - Rice Hybrids Revealed by Transcriptome Analysis. <i>Plant Physiology</i> , 2017 , 174, 1683-1696	6.6	13
28	and Redundantly Shape Rice Tiller Angle by Reducing Expression and Auxin Content. <i>Plant Physiology</i> , 2020 , 184, 1424-1437	6.6	11
27	Jasmonic Acid-Involved OsEDS1 Signaling in Rice-Bacteria Interactions. <i>Rice</i> , 2019 , 12, 25	5.8	10
26	OsARID3, an AT-rich Interaction Domain-containing protein, is required for shoot meristem development in rice. <i>Plant Journal</i> , 2015 , 83, 806-17	6.9	10
25	Two Different Transcripts of a LAMMER Kinase Gene Play Opposite Roles in Disease Resistance. <i>Plant Physiology</i> , 2016 , 172, 1959-1972	6.6	10
24	The group I GH3 family genes encoding JA-Ile synthetase act as positive regulator in the resistance of rice to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019 , 508, 1062-1066	3.4	10
23	Dominant and Recessive Major Genes Lead to Different Types of Host Cell Death During Resistance to in Rice. <i>Frontiers in Plant Science</i> , 2018 , 9, 1711	6.2	9
22	A lamin-like protein OsNMCP1 regulates drought resistance and root growth through chromatin accessibility modulation by interacting with a chromatin remodeller OsSWI3C in rice. <i>New Phytologist</i> , 2020 , 227, 65-83	9.8	8
21	Exploring the mechanism and efficient use of a durable gene-mediated resistance to bacterial blight disease in rice. <i>Molecular Breeding</i> , 2018 , 38, 1	3.4	8
20	The host basal transcription factor IIA subunits coordinate for facilitating infection of TALEs-carrying bacterial pathogens in rice. <i>Plant Science</i> , 2019 , 284, 48-56	5.3	7
19	Autophagy-Like Cell Death Regulates Hydrogen Peroxide and Calcium Ion Distribution in -Mediated Resistance to pv.. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	7
18	Genetic architecture and key genes controlling the diversity of oil composition in rice grains. <i>Molecular Plant</i> , 2021 , 14, 456-469	14.4	7
17	Different Cell Wall-Degradation Ability Leads to Tissue-Specificity between pv and pv. <i>Pathogens</i> , 2020 , 9,	4.5	6
16	Up- and Down-regulated Expression of OsCPK25/26 Results in Increased Number of Stamens in Rice. <i>Plant Molecular Biology Reporter</i> , 2014 , 32, 1114-1128	1.7	6
15	Expressional and Biochemical Characterization of Rice Disease Resistance Gene Xa3/Xa26 Family. <i>Journal of Integrative Plant Biology</i> , 2007 , 49, 852-862	8.3	6
14	Bract suppression regulated by the miR156/529-SPLs-NL1-PLA1 module is required for the transition from vegetative to reproductive branching in rice. <i>Molecular Plant</i> , 2021 , 14, 1168-1184	14.4	5
13	The rice Raf-like MAPKKK OsILA1 confers broad-spectrum resistance to bacterial blight by suppressing the OsMAPKK4-OsMAPK6 cascade. <i>Journal of Integrative Plant Biology</i> , 2021 , 63, 1815-1842 ^{8.3}	8.3	5
12	Overexpression a "fruit-weight 2.2-like" gene OsFWL5 improves rice resistance. <i>Rice</i> , 2019 , 12, 51	5.8	4

11	Hd3a and OsFD1 negatively regulate rice resistance to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> and <i>Xanthomonas oryzae</i> pv. <i>oryzicola</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019 , 513, 775-780	3.4	4
10	Artificial Selection in Domestication and Breeding Prevents Speciation in Rice. <i>Molecular Plant</i> , 2020 , 13, 650-657	14.4	4
9	FLOURY ENDOSPERM19 encoding a class I glutamine amidotransferase affects grain quality in rice. <i>Molecular Breeding</i> , 2021 , 41, 1	3.4	4
8	OSTMF attenuates cold tolerance by affecting cell wall properties in rice. <i>New Phytologist</i> , 2020 , 227, 498-512	9.8	3
7	Two VQ Proteins are Substrates of the OsMPKK6-OsMPK4 Cascade in Rice Defense Against Bacterial Blight. <i>Rice</i> , 2021 , 14, 39	5.8	3
6	Rapid genome evolution in Pms1 region of rice revealed by comparative sequence analysis. <i>Science Bulletin</i> , 2007 , 52, 912-921		2
5	Natural variation in WHITE-CORE RATE 1 regulates redox homeostasis in rice endosperm to affect grain quality.. <i>Plant Cell</i> , 2022 ,	11.6	2
4	Fine Mapping of qWCR4, a Rice Chalkiness QTL Affecting Yield and Quality. <i>Agronomy</i> , 2022 , 12, 706	3.6	2
3	Fine mapping of qWCR7, a grain chalkiness QTL in rice. <i>Molecular Breeding</i> , 2021 , 41, 1	3.4	1
2	A MITE variation-associated heat-inducible isoform of a heat-shock factor confers heat tolerance through regulation of JASMONATE ZIM-DOMAIN genes in rice.. <i>New Phytologist</i> , 2022 ,	9.8	1
1	OsVQ1 links rice immunity and flowering via interaction with a mitogen-activated protein kinase OsMPK6. <i>Plant Cell Reports</i> , 2021 , 40, 1989-1999	5.1	0