

Yongjun Lin

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.

51
papers

1,283
citations

20
h-index

35
g-index

56
ext. papers

1,705
ext. citations

5.9
avg, IF

4.56
L-index

#	Paper	IF	Citations
51	Transgenic indica rice plants harboring a synthetic cry2A* gene of <i>Bacillus thuringiensis</i> exhibit enhanced resistance against lepidopteran rice pests. <i>Theoretical and Applied Genetics</i> , 2005 , 111, 1330-7 ⁶		167
50	Development of insect-resistant transgenic indica rice with a synthetic cry1C* gene. <i>Molecular Breeding</i> , 2006 , 18, 1-10	3.4	163
49	Development of insect-resistant transgenic rice with Cry1C*-free endosperm. <i>Pest Management Science</i> , 2009 , 65, 1015-20	4.6	66
48	A new rice breeding method: CRISPR/Cas9 system editing of the Xa13 promoter to cultivate transgene-free bacterial blight-resistant rice. <i>Plant Biotechnology Journal</i> , 2020 , 18, 313-315	11.6	57
47	Physiological and Transcriptome Analyses Reveal Short-Term Responses and Formation of Memory Under Drought Stress in Rice. <i>Frontiers in Genetics</i> , 2019 , 10, 55	4.5	52
46	Overexpression of OsSWEET5 in rice causes growth retardation and precocious senescence. <i>PLoS ONE</i> , 2014 , 9, e94210	3.7	51
45	Effect of Transgenic <i>Bacillus thuringiensis</i> Rice Lines on Mortality and Feeding Behavior of Rice Stem Borers (Lepidoptera: Crambidae). <i>Journal of Economic Entomology</i> , 2008 , 101, 182-189	2.2	47
44	Determining factors, regulation system, and domestication of anthocyanin biosynthesis in rice leaves. <i>New Phytologist</i> , 2019 , 223, 705-721	9.8	45
43	ChiloDB: a genomic and transcriptome database for an important rice insect pest <i>Chilo suppressalis</i> . <i>Database: the Journal of Biological Databases and Curation</i> , 2014 , 2014,	5	44
42	W-box and G-box elements play important roles in early senescence of rice flag leaf. <i>Scientific Reports</i> , 2016 , 6, 20881	4.9	43
41	Gene silencing using the recessive rice bacterial blight resistance gene xa13 as a new paradigm in plant breeding. <i>Plant Cell Reports</i> , 2012 , 31, 851-62	5.1	42
40	The calcium-dependent kinase OsCPK24 functions in cold stress responses in rice. <i>Journal of Integrative Plant Biology</i> , 2018 , 60, 173-188	8.3	36
39	Review and prospect of transgenic rice research. <i>Science Bulletin</i> , 2009 , 54, 4049-4068		31
38	Characterization and Ectopic Expression of , an AP2/EREBP Domain-Containing Transcription Factor from Coconut (<i>L.</i>) Endosperm, Changes the Seeds Oil Content in Transgenic and Rice (<i>L.</i>). <i>Frontiers in Plant Science</i> , 2017 , 8, 63	6.2	28
37	Exploring the midgut transcriptome and brush border membrane vesicle proteome of the rice stem borer, <i>Chilo suppressalis</i> (Walker). <i>PLoS ONE</i> , 2012 , 7, e38151	3.7	27
36	Improving nutritional quality of rice for human health. <i>Theoretical and Applied Genetics</i> , 2020 , 133, 1397-6413		27
35	A portable electrochemical immunosensor for highly sensitive point-of-care testing of genetically modified crops. <i>Biosensors and Bioelectronics</i> , 2019 , 142, 111504	11.8	25

34	The overexpression of insect endogenous small RNAs in transgenic rice inhibits growth and delays pupation of striped stem borer (<i>Chilo suppressalis</i>). <i>Pest Management Science</i> , 2017 , 73, 1453-1461	4.6	23
33	Gene expression and plant hormone levels in two contrasting rice genotypes responding to brown planthopper infestation. <i>BMC Plant Biology</i> , 2017 , 17, 57	5.3	22
32	Natural variation at OsCERK1 regulates arbuscular mycorrhizal symbiosis in rice. <i>New Phytologist</i> , 2020 , 225, 1762-1776	9.8	22
31	Improving glyphosate oxidation activity of glycine oxidase from <i>Bacillus cereus</i> by directed evolution. <i>PLoS ONE</i> , 2013 , 8, e79175	3.7	19
30	Development of Marker-Free Insect-Resistant Indica Rice by -Mediated Co-transformation. <i>Frontiers in Plant Science</i> , 2016 , 7, 1608	6.2	18
29	A chromosome-level genome assembly reveals the genetic basis of cold tolerance in a notorious rice insect pest, <i>Chilo suppressalis</i> . <i>Molecular Ecology Resources</i> , 2020 , 20, 268-282	8.4	18
28	Genome-wide characterization and phylogenetic analysis of GSK gene family in three species of cotton: evidence for a role of some GSKs in fiber development and responses to stress. <i>BMC Plant Biology</i> , 2018 , 18, 330	5.3	18
27	Development of elite rice restorer lines in the genetic background of R022 possessing tolerance to brown planthopper, stem borer, leaf folder and herbicide through marker-assisted breeding. <i>Euphytica</i> , 2014 , 195, 129-142	2.1	17
26	Production of novel beneficial alleles of a rice yield-related QTL by CRISPR/Cas9. <i>Plant Biotechnology Journal</i> , 2020 , 18, 1987	11.6	16
25	Novel green tissue-specific synthetic promoters and cis-regulatory elements in rice. <i>Scientific Reports</i> , 2015 , 5, 18256	4.9	16
24	Development of Novel Glyphosate-Tolerant Japonica Rice Lines: A Step Toward Commercial Release. <i>Frontiers in Plant Science</i> , 2016 , 7, 1218	6.2	14
23	Gene Family in : Genome-Wide Identification, Expression and Substrate Specificity Analysis. <i>Plants</i> , 2019 , 8,	4.5	13
22	Application of a novel phosphinothricin N-acetyltransferase (RePAT) gene in developing glufosinate-resistant rice. <i>Scientific Reports</i> , 2016 , 6, 21259	4.9	13
21	Isolation and Functional Characterization of Bidirectional Promoters in Rice. <i>Frontiers in Plant Science</i> , 2016 , 7, 766	6.2	9
20	Strigolactones regulate shoot elongation by mediating gibberellin metabolism and signaling in rice (<i>Oryza sativa</i> L.). <i>Journal of Plant Physiology</i> , 2019 , 237, 72-79	3.6	8
19	Nanomaterial-wrapped dsCYP15C1, a potential RNAi-based strategy for pest control against <i>Chilo suppressalis</i> . <i>Pest Management Science</i> , 2020 , 76, 2483-2489	4.6	8
18	Transgenic rice overexpressing insect endogenous microRNA csu-novel-260 is resistant to striped stem borer under field conditions. <i>Plant Biotechnology Journal</i> , 2021 , 19, 421-423	11.6	8
17	Loss-of-function mutation of rice SLAC7 decreases chloroplast stability and induces a photoprotection mechanism in rice. <i>Journal of Integrative Plant Biology</i> , 2015 , 57, 1063-77	8.3	7

16	Expression of a Peppermint (E)- β Farnesene Synthase Gene in Rice Has Significant Repelling Effect on Bird Cherry-Oat Aphid (<i>Rhopalosiphum padi</i>). <i>Plant Molecular Biology Reporter</i> , 2015 , 33, 1967-1974	1.7	7
15	Repressed OsMESL expression triggers reactive oxygen species-mediated broad-spectrum disease resistance in rice. <i>Plant Biotechnology Journal</i> , 2021 , 19, 1511-1522	11.6	7
14	Comprehensive construction strategy of bidirectional green tissue-specific synthetic promoters. <i>Plant Biotechnology Journal</i> , 2020 , 18, 668-678	11.6	7
13	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
12	Incorporation of Functional Rubisco Activases into Engineered Carboxysomes to Enhance Carbon Fixation. <i>ACS Synthetic Biology</i> , 2021 ,	5.7	6
11	Development of Multiresistance rice by an assembly of herbicide, insect and disease resistance genes with a transgene stacking system. <i>Pest Management Science</i> , 2021 , 77, 1536-1547	4.6	6
10	Translocation of Drought-Responsive Proteins from the Chloroplasts. <i>Cells</i> , 2020 , 9,	7.9	4
9	OsMYB3 is a R2R3-MYB gene responsible for anthocyanin biosynthesis in black rice. <i>Molecular Breeding</i> , 2021 , 41, 1	3.4	4
8	Decoding the Absolute Stoichiometric Composition and Structural Plasticity of β Carboxysomes.. <i>MBio</i> , 2022 , e0362921	7.8	4
7	Expression of a Codon-Optimized dsdA Gene in Tobacco Plastids and Rice Nucleus Confers D-Serine Tolerance. <i>Frontiers in Plant Science</i> , 2016 , 7, 640	6.2	3
6	Overexpression of the homoterpene synthase gene, OsCYP92C21, increases emissions of volatiles mediating tritrophic interactions in rice. <i>Plant, Cell and Environment</i> , 2021 , 44, 948-963	8.4	3
5	Coexpression of * and Genes Contributes to High Glyphosate Tolerance and Low Glyphosate Residues in Transgenic Rice. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 7388-7398	5.7	2
4	Effectiveness in the field of Bt rice lines against target pests under various cultural regimes. <i>Entomologia Experimentalis Et Applicata</i> , 2015 , 156, 211-219	2.1	1
3	Trans-kingdom expression of an insect endogenous microRNA in rice enhances resistance to striped stem borer <i>Chilo suppressalis</i> . <i>Pest Management Science</i> , 2021 ,	4.6	1
2	Developing of transgenic glyphosate-tolerant Indica restorer line with commercial application potential. <i>Molecular Breeding</i> , 2020 , 40, 1	3.4	1
1	The HSP/co-chaperone network in environmental cold adaptation of <i>Chilo suppressalis</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 187, 780-788	7.9	1