

Yongjun Lin

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.

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 | Decoding the Absolute Stoichiometric Composition and Structural Plasticity of ECarboxysomes.. <i>MBio</i> , 2022 , e0362921 | 7.8 | 4 |
| 50 | Incorporation of Functional Rubisco Activases into Engineered Carboxysomes to Enhance Carbon Fixation. <i>ACS Synthetic Biology</i> , 2021 , | 5.7 | 6 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | Development of Smultiresistance riceSby 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | OsMYB3 is a R2R3-MYB gene responsible for anthocyanin biosynthesis in black rice. <i>Molecular Breeding</i> , 2021 , 41, 1 | 3.4 | 4 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | Translocation of Drought-Responsive Proteins from the Chloroplasts. <i>Cells</i> , 2020 , 9, | 7.9 | 4 |
| 38 | Improving nutritional quality of rice for human health. <i>Theoretical and Applied Genetics</i> , 2020 , 133, 1397-1413 | 27 | |
| 37 | 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 |
| 36 | Natural variation at OsCERK1 regulates arbuscular mycorrhizal symbiosis in rice. <i>New Phytologist</i> , 2020 , 225, 1762-1776 | 9.8 | 22 |
| 35 | Comprehensive construction strategy of bidirectional green tissue-specific synthetic promoters. <i>Plant Biotechnology Journal</i> , 2020 , 18, 668-678 | 11.6 | 7 |

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| 34 | 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 |
| 33 | Developing of transgenic glyphosate-tolerant Indica restorer line with commercial application potential. <i>Molecular Breeding</i> , 2020 , 40, 1 | 3.4 | 1 |
| 32 | Gene Family in : Genome-Wide Identification, Expression and Substrate Specificity Analysis. <i>Plants</i> , 2019 , 8, | 4.5 | 13 |
| 31 | 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 |
| 30 | Determining factors, regulation system, and domestication of anthocyanin biosynthesis in rice leaves. <i>New Phytologist</i> , 2019 , 223, 705-721 | 9.8 | 45 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | Isolation and Functional Characterization of Bidirectional Promoters in Rice. <i>Frontiers in Plant Science</i> , 2016 , 7, 766 | 6.2 | 9 |
| 20 | 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 |
| 19 | Development of Marker-Free Insect-Resistant Indica Rice by -Mediated Co-transformation. <i>Frontiers in Plant Science</i> , 2016 , 7, 1608 | 6.2 | 18 |
| 18 | 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 |
| 17 | Application of a novel phosphinothricin N-acetyltransferase (RePAT) gene in developing glufosinate-resistant rice. <i>Scientific Reports</i> , 2016 , 6, 21259 | 4.9 | 13 |

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| 16 | 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 |
| 15 | Novel green tissue-specific synthetic promoters and cis-regulatory elements in rice. <i>Scientific Reports</i> , 2015 , 5, 18256 | 4.9 | 16 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | Overexpression of OsSWEET5 in rice causes growth retardation and precocious senescence. <i>PLoS ONE</i> , 2014 , 9, e94210 | 3.7 | 51 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | Review and prospect of transgenic rice research. <i>Science Bulletin</i> , 2009 , 54, 4049-4068 | | 31 |
| 4 | Development of insect-resistant transgenic rice with Cry1C*-free endosperm. <i>Pest Management Science</i> , 2009 , 65, 1015-20 | 4.6 | 66 |
| 3 | 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 |
| 2 | Development of insect-resistant transgenic indica rice with a synthetic cry1C* gene. <i>Molecular Breeding</i> , 2006 , 18, 1-10 | 3.4 | 163 |
| 1 | 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 |