

Hao Chen

List of Publications by Year in descending order

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26
papers

1,289
citations

567281

15
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1262
citing authors

#	ARTICLE	IF	CITATIONS
1	Transkingdom expression of an insect endogenous microRNA in rice enhances resistance to striped stem borer <i>Chilo suppressalis</i> . <i>Pest Management Science</i> , 2022, 78, 770-777.	3.4	6
2	Development of multi-resistance 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.	3.4	17
3	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.	5.7	6
4	Transgenic rice overexpressing insect endogenous microRNA <i>csu-novel-260</i> is resistant to striped stem borer under field conditions. <i>Plant Biotechnology Journal</i> , 2021, 19, 421-423.	8.3	17
5	Proteomic analysis of the seeds of transgenic rice lines and the corresponding nongenetically modified isogenic variety. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 1869-1878.	3.5	3
6	Coexpression of <i>I. variabilis</i> -EPSPS* and <i>WBceGO-B3S1</i> 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.	5.2	5
7	Consumption of miRNA-Mediated Insect-Resistant Transgenic Rice Pollen Does Not Harm <i>Apis mellifera</i> Adults. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4234-4242.	5.2	7
8	The overexpression of insect endogenous microRNA in transgenic rice inhibits the pupation of <i>Chilo suppressalis</i> and <i>Cnaphalocrocis medinalis</i> . <i>Pest Management Science</i> , 2021, 77, 3990-3999.	3.4	5
9	OsMYB3 is a R2R3-MYB gene responsible for anthocyanin biosynthesis in black rice. <i>Molecular Breeding</i> , 2021, 41, 1.	2.1	17
10	How anthocyanin biosynthesis affects nutritional value and anti-inflammatory effect of black rice. <i>Journal of Cereal Science</i> , 2021, 101, 103295.	3.7	6
11	Transgenic double-stranded RNA rice, a potential strategy for controlling striped stem borer (<i>Chilo</i>) Tj ETQq1 1 0,784314 rgBT /Over	3.4	6
12	Improving nutritional quality of rice for human health. <i>Theoretical and Applied Genetics</i> , 2020, 133, 1397-1413.	3.6	80
13	Determining factors, regulation system, and domestication of anthocyanin biosynthesis in rice leaves. <i>New Phytologist</i> , 2019, 223, 705-721.	7.3	99
14	Gene expression and plant hormone levels in two contrasting rice genotypes responding to brown planthopper infestation. <i>BMC Plant Biology</i> , 2017, 17, 57.	3.6	34
15	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.	3.4	33
16	iTRAQ protein profile analysis of developmental dynamics in soybean [<i>Glycine max</i> (L.) Merr.] leaves. <i>PLoS ONE</i> , 2017, 12, e0181910.	2.5	8
17	Development of Novel Glyphosate-Tolerant Japonica Rice Lines: A Step Toward Commercial Release. <i>Frontiers in Plant Science</i> , 2016, 7, 1218.	3.6	18
18	Development of Marker-Free Insect-Resistant Indica Rice by <i>Agrobacterium tumefaciens</i> -Mediated Co-transformation. <i>Frontiers in Plant Science</i> , 2016, 7, 1608.	3.6	32

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19	Rice Pest Transcriptome Database. <i>Scientia Sinica Vitae</i> , 2014, 44, 832-836.	0.3	1
20	Proteomic analysis of elite soybean Jidou17 and its parents using iTRAQ-based quantitative approaches. <i>Proteome Science</i> , 2013, 11, 12.	1.7	51
21	Improving panicle exertion of rice cytoplasmic male sterile line by combination of artificial microRNA and artificial target mimic. <i>Plant Biotechnology Journal</i> , 2013, 11, 336-343.	8.3	28
22	Review and prospect of transgenic rice research. <i>Science Bulletin</i> , 2009, 54, 4049-4068.	1.7	46
23	Development of insect-resistant transgenic rice with Cry1C*-free endosperm. <i>Pest Management Science</i> , 2009, 65, 1015-1020.	3.4	84
24	Highly Specific Gene Silencing by Artificial miRNAs in Rice. <i>PLoS ONE</i> , 2008, 3, e1829.	2.5	295
25	Development of insect-resistant transgenic indica rice with a synthetic cry1C* gene. <i>Molecular Breeding</i> , 2006, 18, 1-10.	2.1	192
26	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, 1330-1337.	3.6	196