

# Hao Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1270939/publications.pdf>

Version: 2024-02-01

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	Highly Specific Gene Silencing by Artificial miRNAs in Rice. PLoS ONE, 2008, 3, e1829.	2.5	295
2	Transgenic indica rice plants harboring a synthetic cry2A* gene of Bacillus thuringiensis exhibit enhanced resistance against lepidopteran rice pests. Theoretical and Applied Genetics, 2005, 111, 1330-1337.	3.6	196
3	Development of insect-resistant transgenic indica rice with a synthetic cry1C* gene. Molecular Breeding, 2006, 18, 1-10.	2.1	192
4	Determining factors, regulation system, and domestication of anthocyanin biosynthesis in rice leaves. New Phytologist, 2019, 223, 705-721.	7.3	99
5	Development of insect-resistant transgenic rice with Cry1C*-free endosperm. Pest Management Science, 2009, 65, 1015-1020.	3.4	84
6	Improving nutritional quality of rice for human health. Theoretical and Applied Genetics, 2020, 133, 1397-1413.	3.6	80
7	Proteomic analysis of elite soybean Jidou17 and its parents using iTRAQ-based quantitative approaches. Proteome Science, 2013, 11, 12.	1.7	51
8	Review and prospect of transgenic rice research. Science Bulletin, 2009, 54, 4049-4068.	1.7	46
9	Gene expression and plant hormone levels in two contrasting rice genotypes responding to brown planthopper infestation. BMC Plant Biology, 2017, 17, 57.	3.6	34
10	The overexpression of insect endogenous small RNAs in transgenic rice inhibits growth and delays pupation of striped stem borer ( <i>Chilo suppressalis</i> ). Pest Management Science, 2017, 73, 1453-1461.	3.4	33
11	Development of Marker-Free Insect-Resistant Indica Rice by Agrobacterium tumefaciens-Mediated Co-transformation. Frontiers in Plant Science, 2016, 7, 1608.	3.6	32
12	Improving panicle exertion of rice cytoplasmic male sterile line by combination of artificial microRNA and artificial target mimic. Plant Biotechnology Journal, 2013, 11, 336-343.	8.3	28
13	Development of Novel Glyphosate-Tolerant Japonica Rice Lines: A Step Toward Commercial Release. Frontiers in Plant Science, 2016, 7, 1218.	3.6	18
14	Development of "multiresistance rice"™ by an assembly of herbicide, insect and disease resistance genes with a transgene stacking system. Pest Management Science, 2021, 77, 1536-1547.	3.4	17
15	Transgenic rice overexpressing insect endogenous microRNA csu260 is resistant to striped stem borer under field conditions. Plant Biotechnology Journal, 2021, 19, 421-423.	8.3	17
16	OsMYB3 is a R2R3-MYB gene responsible for anthocyanin biosynthesis in black rice. Molecular Breeding, 2021, 41, 1.	2.1	17
17	iTRAQ protein profile analysis of developmental dynamics in soybean [Glycine max (L.) Merr.] leaves. PLoS ONE, 2017, 12, e0181910.	2.5	8
18	Consumption of miRNA-Mediated Insect-Resistant Transgenic Rice Pollen Does Not Harm <i>Apis mellifera</i> Adults. Journal of Agricultural and Food Chemistry, 2021, 69, 4234-4242.	5.2	7

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19	Overexpression of the homoterpene synthase gene, <scp>OsCYP92C21</scp>, increases emissions of volatiles mediating tritrophic interactions in rice. <i>Plant, Cell and Environment</i> , 2021, 44, 948-963.	5.7	6
20	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
21	Transkingdom expression of an insect endogenous <scp>microRNA</scp> in rice enhances resistance to striped stem borer <i>Chilo suppressalis</i>. <i>Pest Management Science</i> , 2022, 78, 770-777.	3.4	6
22	Coexpression of <i>l. 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
23	The overexpression of insect endogenous <scp>microRNA</scp> 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
24	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
25	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	8
26	Rice Pest Transcriptome Database. <i>Scientia Sinica Vitae</i> , 2014, 44, 832-836.	0.3	1