

# Xin Wei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8279534/publications.pdf>

Version: 2024-02-01

42  
papers

1,821  
citations

236833

25  
h-index

289141

40  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1572  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic discovery for oil production and quality in sesame. <i>Nature Communications</i> , 2015, 6, 8609.	5.8	183
2	Insight into the AP2/ERF transcription factor superfamily in sesame and expression profiling of DREB subfamily under drought stress. <i>BMC Plant Biology</i> , 2016, 16, 171.	1.6	116
3	The Emerging Oilseed Crop <i>Sesamum indicum</i> Enters the "Omics" Era. <i>Frontiers in Plant Science</i> , 2017, 8, 1154.	1.7	107
4	A quantitative genomics map of rice provides genetic insights and guides breeding. <i>Nature Genetics</i> , 2021, 53, 243-253.	9.4	106
5	Genome-wide analysis of WRKY gene family in the sesame genome and identification of the WRKY genes involved in responses to abiotic stresses. <i>BMC Plant Biology</i> , 2017, 17, 152.	1.6	94
6	Updated sesame genome assembly and fine mapping of plant height and seed coat color QTLs using a new high-density genetic map. <i>BMC Genomics</i> , 2016, 17, 31.	1.2	84
7	Exploring the molecular basis of heterosis for plant breeding. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 287-298.	4.1	82
8	GWAS Uncovers Differential Genetic Bases for Drought and Salt Tolerances in Sesame at the Germination Stage. <i>Genes</i> , 2018, 9, 87.	1.0	72
9	Development of Simple Sequence Repeat (SSR) Markers of Sesame ( <i>Sesamum indicum</i> ) from a Genome Survey. <i>Molecules</i> , 2014, 19, 5150-5162.	1.7	67
10	The genetic basis of drought tolerance in the high oil crop <i>Sesamum indicum</i> . <i>Plant Biotechnology Journal</i> , 2019, 17, 1788-1803.	4.1	63
11	Transcriptomic, biochemical and physio-anatomical investigations shed more light on responses to drought stress in two contrasting sesame genotypes. <i>Scientific Reports</i> , 2017, 7, 8755.	1.6	62
12	Analysis of Genetic Diversity and Population Structure of Sesame Accessions from Africa and Asia as Major Centers of Its Cultivation. <i>Genes</i> , 2016, 7, 14.	1.0	51
13	Characterization of selenium-containing polysaccharides isolated from selenium-enriched tea and its bioactivities. <i>Food Chemistry</i> , 2020, 316, 126371.	4.2	51
14	Identification of Sesame Genomic Variations from Genome Comparison of Landrace and Variety. <i>Frontiers in Plant Science</i> , 2016, 7, 1169.	1.7	48
15	PMDBase: a database for studying microsatellite DNA and marker development in plants. <i>Nucleic Acids Research</i> , 2017, 45, D1046-D1053.	6.5	46
16	Tolerant and Susceptible Sesame Genotypes Reveal Waterlogging Stress Response Patterns. <i>PLoS ONE</i> , 2016, 11, e0149912.	1.1	42
17	The <i>Chimonanthus salicifolius</i> genome provides insight into magnoliid evolution and flavonoid biosynthesis. <i>Plant Journal</i> , 2020, 103, 1910-1923.	2.8	41
18	Domestication and geographic origin of <i>Oryza sativa</i> in China: insights from multilocus analysis of nucleotide variation of <i>O. sativa</i> and <i>O. rufipogon</i> . <i>Molecular Ecology</i> , 2012, 21, 5073-5087.	2.0	39

#	ARTICLE	IF	CITATIONS
19	Pyrophosphate-fructose 6-phosphate 1-phosphotransferase (<sc>PFP</sc> 1) regulates starch biosynthesis and seed development via heterotetramer formation in rice (<i>Oryza sativa</i> L.). <i>Plant Biotechnology Journal</i> , 2020, 18, 83-95.	4.1	38
20	Genome-wide identification and analysis of the MADS-box gene family in sesame. <i>Gene</i> , 2015, 569, 66-76.	1.0	37
21	Development of an SSR-based genetic map in sesame and identification of quantitative trait loci associated with charcoal rot resistance. <i>Scientific Reports</i> , 2017, 7, 8349.	1.6	31
22	Near-infrared reflectance spectroscopy reveals wide variation in major components of sesame seeds from Africa and Asia. <i>Crop Journal</i> , 2018, 6, 202-206.	2.3	31
23	A genome variation map provides insights into the genetics of walnut adaptation and agronomic traits. <i>Genome Biology</i> , 2021, 22, 300.	3.8	31
24	Genome-Wide Association Studies of 39 Seed Yield-Related Traits in Sesame ( <i>Sesamum indicum</i> L.). <i>International Journal of Molecular Sciences</i> , 2018, 19, 2794.	1.8	30
25	Liming Positively Modulates Microbial Community Composition and Function of Sugarcane Fields. <i>Agronomy</i> , 2019, 9, 808.	1.3	30
26	Genome-wide identification of agronomically important genes in outcrossing crops using OutcrossSeq. <i>Molecular Plant</i> , 2021, 14, 556-570.	3.9	30
27	Deep resequencing reveals allelic variation in <i>Sesamum indicum</i> . <i>BMC Plant Biology</i> , 2014, 14, 225.	1.6	26
28	Transcriptome Dynamics during Black and White Sesame ( <i>Sesamum indicum</i> L.) Seed Development and Identification of Candidate Genes Associated with Black Pigmentation. <i>Genes</i> , 2020, 11, 1399.	1.0	25
29	Dynamic transcriptome landscape of sesame ( <i>Sesamum indicum</i> L.) under progressive drought and after rewatering. <i>Genomics Data</i> , 2017, 11, 122-124.	1.3	24
30	SesameFG: an integrated database for the functional genomics of sesame. <i>Scientific Reports</i> , 2017, 7, 2342.	1.6	22
31	High-resolution temporal transcriptome sequencing unravels ERF and WRKY as the master players in the regulatory networks underlying sesame responses to waterlogging and recovery. <i>Genomics</i> , 2021, 113, 276-290.	1.3	21
32	Transcriptomic profiling of sesame during waterlogging and recovery. <i>Scientific Data</i> , 2019, 6, 204.	2.4	18
33	Photoperiod response-related gene SiCOL1 contributes to flowering in sesame. <i>BMC Plant Biology</i> , 2018, 18, 343.	1.6	17
34	Investigation of viral pathogens in cattle with bovine respiratory disease complex in Inner Mongolia, China. <i>Microbial Pathogenesis</i> , 2021, 153, 104594.	1.3	14
35	Origin of <i>Oryza sativa</i> in China Inferred by Nucleotide Polymorphisms of Organelle DNA. <i>PLoS ONE</i> , 2012, 7, e49546.	1.1	12
36	Dominance complementation of Hd1 and Ghd8 contributes to extremely late flowering in two rice hybrids. <i>Molecular Breeding</i> , 2020, 40, 1.	1.0	8

#	ARTICLE	IF	CITATIONS
37	Nucleotide Diversity in <i>Waxy</i> Gene and Validation of Single Nucleotide Polymorphism in Relation to Amylose Content in Chinese Microcore Rice Germplasm. <i>Crop Science</i> , 2012, 52, 1689-1697.	0.8	6
38	Domestication and association analysis of Hd1 in Chinese mini-core collections of rice. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 121-142.	0.8	6
39	Origin, taxonomy, and phylogenetics of rice. , 2019, , 1-29.		6
40	Whole-Genome Sequencing of 117 Chromosome Segment Substitution Lines for Genetic Analyses of Complex Traits in Rice. <i>Rice</i> , 2022, 15, 5.	1.7	3
41	Identification of a seed dormancy gene in soybean sheds light on crop domestication. <i>Science China Life Sciences</i> , 2018, 61, 1439-1441.	2.3	1
42	Establishment of DNA Molecular Identification for A Sesame ( <i>Sesamum indicum</i> L.) Applied Core Collection. <i>Acta Agronomica Sinica(China)</i> , 2018, 44, 1010.	0.1	0