

Jiquan Xue

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7349590/publications.pdf>

Version: 2024-02-01

30
papers

1,642
citations

933447

10
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

2001
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis, structure and functionality of starch granules in maize inbred lines with different kernel dehydration rate. <i>Food Chemistry</i> , 2022, 368, 130796.	8.2	8
2	Evaluation of Drought Tolerance in Maize Inbred Lines Selected from the Shaan A Group and Shaan B Group. <i>Agriculture (Switzerland)</i> , 2022, 12, 11.	3.1	1
3	New insights into the response of maize to fluctuations in the light environment. <i>Molecular Genetics and Genomics</i> , 2021, 296, 615-629.	2.1	3
4	Genetic analysis of ear-related traits under different pollination treatments in maize (<i>Zea mays</i>). <i>Plant Breeding</i> , 2021, 140, 211-222.	1.9	3
5	Multi-Site Evaluation of Accumulated Temperature and Rainfall for Maize Yield and Disease in Loess Plateau. <i>Agriculture (Switzerland)</i> , 2021, 11, 373.	3.1	4
6	Optimizing Sowing Date and Planting Density Can Mitigate the Impacts of Future Climate on Maize Yield: A Case Study in the Guanzhong Plain of China. <i>Agronomy</i> , 2021, 11, 1452.	3.0	14
7	Transcriptome profiling provides insights into the molecular mechanisms of maize kernel and silk development. <i>BMC Genomic Data</i> , 2021, 22, 28.	1.7	0
8	Genome-wide association study (GWAS) reveals genetic basis of ear-related traits in maize. <i>Euphytica</i> , 2020, 216, 1.	1.2	9
9	Identification of Ear Morphology Genes in Maize (<i>Zea mays</i> L.) Using Selective Sweeps and Association Mapping. <i>Frontiers in Genetics</i> , 2020, 11, 747.	2.3	10
10	Genome-wide prediction in a hybrid maize population adapted to Northwest China. <i>Crop Journal</i> , 2020, 8, 830-842.	5.2	14
11	Genome-wide evolutionary characterization and expression analysis of SIAMESE-RELATED family genes in maize. <i>BMC Evolutionary Biology</i> , 2020, 20, 91.	3.2	8
12	Mining of candidate genes for nitrogen use efficiency in maize based on genome-wide association study. <i>Molecular Breeding</i> , 2020, 40, 1.	2.1	8
13	Response of Soil Temperature, Moisture, and Spring Maize (<i>Zea mays</i> L.) Root/Shoot Growth to Different Mulching Materials in Semi-Arid Areas of Northwest China. <i>Agronomy</i> , 2020, 10, 453.	3.0	22
14	Evaluation of Yield-Based Low Nitrogen Tolerance Indices for Screening Maize (<i>Zea mays</i> L.) Inbred Lines. <i>Agronomy</i> , 2019, 9, 240.	3.0	10
15	The distribution pattern of endopolyploidy in maize. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1487-1503.	3.6	6
16	ZmSMR4, a novel cyclin-dependent kinase inhibitor (CKI) gene in maize (<i>Zea mays</i> L.), functions as a key player in plant growth, development and tolerance to abiotic stress. <i>Plant Science</i> , 2019, 280, 120-131.	3.6	11
17	Comparative transcriptomics reveals the difference in early endosperm development between maize with different amylose contents. <i>PeerJ</i> , 2019, 7, e7528.	2.0	8
18	Identification of quantitative trait loci for agronomic and physiological traits in maize (<i>Zea mays</i> L.) under high-nitrogen and low-nitrogen conditions. <i>Euphytica</i> , 2018, 214, 1.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Bivariate flow cytometric analysis and sorting of different types of maize starch grains. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 213-221.	1.5	18
20	Comparison of gelatinization method, starch concentration, and plasticizer on physical properties of high-amylose starch films. <i>Journal of Food Process Engineering</i> , 2018, 41, e12645.	2.9	10
21	QTL mapping and genetic analysis for maize kernel size and weight in multi-environments. <i>Euphytica</i> , 2018, 214, 1.	1.2	11
22	Effects of Different Thermal Treatment Methods on Preparation and Physical Properties of High Amylose Maize Starch Based Films. <i>International Journal of Food Engineering</i> , 2018, 14, .	1.5	3
23	Genetic characterization of inbred lines from Shaan A and B groups for identifying loci associated with maize grain yield. <i>BMC Genetics</i> , 2018, 19, 63.	2.7	28
24	Evolutionary, structural and expression analysis of core genes involved in starch synthesis. <i>Scientific Reports</i> , 2018, 8, 12736.	3.3	70
25	Identification of favorable alleles in the non-yellow coloring 1 gene by association mapping in maize. <i>Euphytica</i> , 2017, 213, 1.	1.2	2
26	Transcriptome Dynamics during Maize Endosperm Development. <i>PLoS ONE</i> , 2016, 11, e0163814.	2.5	26
27	Genetic basis of maize kernel starch content revealed by high-density single nucleotide polymorphism markers in a recombinant inbred line population. <i>BMC Plant Biology</i> , 2015, 15, 288.	3.6	31
28	Dark Response of Seedlings Evaluated by Chlorophyll Concentration in Maize Natural Population. <i>American Journal of Plant Sciences</i> , 2015, 06, 2209-2219.	0.8	3
29	Producing more grain with lower environmental costs. <i>Nature</i> , 2014, 514, 486-489.	27.8	1,292
30	Trends in grain quality of starch, protein, fat and lysine content for normal maize varieties in China since the 1960s. <i>Cereal Chemistry</i> , 0, , .	2.2	0