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List of Publications by Year in descending order

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32
papers

1,340
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430874

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times ranked

1321
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#	ARTICLE	IF	CITATIONS
1	Genome-edited powdery mildew resistance in wheat without growth penalties. <i>Nature</i> , 2022, 602, 455-460.	27.8	181
2	A rare gain of function mutation in a wheat tandem kinase confers resistance to powdery mildew. <i>Nature Communications</i> , 2020, 11, 680.	12.8	119
3	A rare single nucleotide variant in <i>Pm5e</i> confers powdery mildew resistance in common wheat. <i>New Phytologist</i> , 2020, 228, 1011-1026.	7.3	92
4	A CNL protein in wild emmer wheat confers powdery mildew resistance. <i>New Phytologist</i> , 2020, 228, 1027-1037.	7.3	89
5	Gene Duplication and Evolution Dynamics in the Homeologous Regions Harboring Multiple Prolamin and Resistance Gene Families in Hexaploid Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 673.	3.6	84
6	QTL Detection for Kernel Size and Weight in Bread Wheat (<i>Triticum aestivum</i> L.) Using a High-Density SNP and SSR-Based Linkage Map. <i>Frontiers in Plant Science</i> , 2018, 9, 1484.	3.6	78
7	Molecular characterization of a novel TaGL3-5A allele and its association with grain length in wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 2019, 132, 1799-1814.	3.6	69
8	Dynamic Evolution of $\hat{\pm}$ -Gliadin Prolamin Gene Family in Homeologous Genomes of Hexaploid Wheat. <i>Scientific Reports</i> , 2018, 8, 5181.	3.3	68
9	Mapping stripe rust resistance gene YrZH22 in Chinese wheat cultivar Zhoumai 22 by bulked segregant RNA-Seq (BSR-Seq) and comparative genomics analyses. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2191-2201.	3.6	67
10	Using ammonia for algae harvesting and as nutrient in subsequent cultures. <i>Bioresource Technology</i> , 2012, 121, 298-303.	9.6	61
11	Ethanol induced astaxanthin accumulation and transcriptional expression of carotenogenic genes in <i>Haematococcus pluvialis</i> . <i>Enzyme and Microbial Technology</i> , 2015, 78, 10-17.	3.2	59
12	Identification and fine mapping of spot blotch (<i>Bipolaris sorokiniana</i>) resistance gene Sb4 in wheat. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2451-2459.	3.6	41
13	Hydroxyl radical-aided thermal pretreatment of algal biomass for enhanced biodegradability. <i>Biotechnology for Biofuels</i> , 2015, 8, 194.	6.2	36
14	Cloning, characterization of TaGS3 and identification of allelic variation associated with kernel traits in wheat (<i>Triticum aestivum</i> L.). <i>BMC Genetics</i> , 2019, 20, 98.	2.7	35
15	Isolation and Characterization of a Marine Microalga for Biofuel Production with Astaxanthin as a Co-Product. <i>Energies</i> , 2013, 6, 2759-2772.	3.1	34
16	Transcriptome analysis of <i>Haematococcus pluvialis</i> of multiple defensive systems against nitrogen starvation. <i>Enzyme and Microbial Technology</i> , 2020, 134, 109487.	3.2	31
17	New insights into structural organization and gene duplication in a 1.75 Mb genomic region harboring the $\hat{\pm}$ -gliadin gene family in <i>Aegilops tauschii</i> , the source of wheat D genome. <i>Plant Journal</i> , 2017, 92, 571-583.	5.7	29
18	High-temperature wheat leaf rust resistance gene Lr13 exhibits pleiotropic effects on hybrid necrosis. <i>Molecular Plant</i> , 2021, 14, 1029-1032.	8.3	28

#	ARTICLE	IF	CITATIONS
19	Bulked segregant CGTâ€¦Seqâ€¦facilitated mapâ€¦based cloning of a powdery mildew resistance gene originating from wild emmer wheat (<i>Triticum dicoccoides</i>). <i>Plant Biotechnology Journal</i> , 2021, 19, 1288-1290.	8.3	18
20	Enhancement of linoleic acid content stimulates astaxanthin esterification in <i>Coelastrum</i> sp.. <i>Bioresource Technology</i> , 2020, 300, 122649.	9.6	16
21	CAH1 and CAH2 as key enzymes required for high bicarbonate tolerance of a novel microalga <i>Dunaliella salina</i> HTBS. <i>Enzyme and Microbial Technology</i> , 2016, 87-88, 17-23.	3.2	15
22	Functional characterization of powdery mildew resistance gene MIIW172, a new Pm60 allele and its allelic variation in wild emmer wheat. <i>Journal of Genetics and Genomics</i> , 2022, 49, 787-795.	3.9	13
23	TdPm60 identified in wild emmer wheat is an ortholog of Pm60 and constitutes a strong candidate for PmG16 powdery mildew resistance. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2777-2793.	3.6	12
24	Fine mapping of powdery mildew resistance gene MlWE74 derived from wild emmer wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1235-1245.	3.6	12
25	Phenotyping and evaluation of CIMMYT WPHYSGP nursery lines and local wheat varieties under two irrigation regimes. <i>Breeding Science</i> , 2019, 69, 55-67.	1.9	9
26	Electro-Fenton Based Technique to Enhance Cell Harvest and Lipid Extraction from Microalgae. <i>Energies</i> , 2020, 13, 3813.	3.1	9
27	Mapping Powdery Mildew Resistance Gene <i>pmYBL</i> on Chromosome 7B of Chinese Wheat (<i>Triticum aestivum</i> L.) Landrace Youbailan. <i>Plant Disease</i> , 2020, 104, 2411-2417.	1.4	9
28	Mechanisms, origin and heredity of Glu-1Ay silencing in wheat evolution and domestication. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1561-1575.	3.6	7
29	Analysis of <i>Brachypodium</i> genomes with genome-wide optical maps. <i>Genome</i> , 2018, 61, 559-565.	2.0	6
30	A Mathematical Model of Neutral Lipid Content in terms of Initial Nitrogen Concentration and Validation in <i>Coelastrum</i> sp. HA-1 and Application in <i>Chlorella sorokiniana</i> . <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	5
31	Unlocking the relationships among population structure, plant architecture, growing season, and environmental adaptation in Henan wheat cultivars. <i>BMC Plant Biology</i> , 2020, 20, 469.	3.6	4
32	A Novel Salt-Bridge Electroflocculation Technology for Harvesting Microalgae. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	4.1	3