

Deven R See

List of Publications by Year in descending order

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35
papers

1,785
citations

623734

14
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395702

33
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36
docs citations

36
times ranked

1961
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Mapping of Quantitative Trait Loci Associated with Stripe Rust Resistance in Spring Club Wheat Cultivar JD. <i>Plant Disease</i> , 2022, , .	1.4	1
2	Population structure and genetic diversity of U.S. wheat varieties. <i>Plant Genome</i> , 2022, 15, e20196.	2.8	3
3	Identification of Secreted Protein Gene-Based SNP Markers Associated with Virulence Phenotypes of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> , the Wheat Stripe Rust Pathogen. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4114.	4.1	3
4	Genotyping <i>Puccinia striiformis</i> f. sp. <i>tritici</i> Isolates with SSR and SP-SNP Markers Reveals Dynamics of the Wheat Stripe Rust Pathogen in the United States from 1968 to 2009 and Identifies Avirulence-Associated Markers. <i>Phytopathology</i> , 2021, 111, 1828-1839.	2.2	9
5	QTL Analysis of Adult Plant Resistance to Stripe Rust in a Winter Wheat Recombinant Inbred Population. <i>Plants</i> , 2021, 10, 572.	3.5	8
6	Genotyping by Multiplexed Sequencing (GMS) protocol in Barley. <i>Euphytica</i> , 2021, 217, 1.	1.2	1
7	Population Diversity, Dynamics, and Differentiation of Wheat Stripe Rust Pathogen <i>Puccinia striiformis</i> f. sp. <i>tritici</i> From 2010 to 2017 and Comparison With 1968 to 2009 in the United States. <i>Frontiers in Microbiology</i> , 2021, 12, 696835.	3.5	7
8	Genome-wide association mapping of <i>Pyrenophora teres</i> f. <i>maculata</i> and <i>Pyrenophora teres</i> f. <i>teres</i> resistance loci utilizing natural Turkish wild and landrace barley populations. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	3
9	Registration of "Castella"™ soft white winter club wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 504-514.	0.5	2
10	Molecular Characterization of Wheat Stripe Rust Pathogen (<i>Puccinia striiformis</i> f. sp. <i>tritici</i>) Collections from Nine Countries. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9457.	4.1	13
11	Registration of "ARS Crescent"™ soft white winter club wheat. <i>Journal of Plant Registrations</i> , 2021, 15, 515-526.	0.5	2
12	Molecular Characterization of International Collections of the Wheat Stripe Rust Pathogen <i>Puccinia striiformis</i> f. sp. <i>tritici</i> Reveals High Diversity and Intercontinental Migration. <i>Phytopathology</i> , 2020, 110, 933-942.	2.2	17
13	Mapping Quantitative Trait Loci for High-Temperature Adult-Plant Resistance to Stripe Rust in Spring Wheat PI 197734 Using a Doubled Haploid Population and Genotyping by Multiplexed Sequencing. <i>Frontiers in Plant Science</i> , 2020, 11, 596962.	3.6	5
14	Genome-Wide Association Study and Gene Specific Markers Identified 51 Genes or QTL for Resistance to Stripe Rust in U.S. Winter Wheat Cultivars and Breeding Lines. <i>Frontiers in Plant Science</i> , 2020, 11, 998.	3.6	33
15	Genetic diversity in historical and modern wheat varieties of the U.S. Pacific Northwest. <i>Crop Science</i> , 2020, 60, 3175-3190.	1.8	11
16	Identification of Stripe Rust Resistance Loci in U.S. Spring Wheat Cultivars and Breeding Lines Using Genome-Wide Association Mapping and <i>Yr</i> Gene Markers. <i>Plant Disease</i> , 2020, 104, 2181-2192.	1.4	34
17	Exome sequencing of bulked segregants identified a novel TaMKK3-A allele linked to the wheat ERA8 ABA-hypersensitive germination phenotype. <i>Theoretical and Applied Genetics</i> , 2020, 133, 719-736.	3.6	17
18	Ethyl-methanesulfonate mutagenesis generated diverse isolates of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> , the wheat stripe rust pathogen. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 28.	3.6	13

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19	Introgression of a Novel Ug99-Effective Stem Rust Resistance Gene into Wheat and Development of <i>Dasypyrum villosum</i> Chromosome-Specific Markers via Genotyping-by-Sequencing (GBS). <i>Plant Disease</i> , 2019, 103, 1068-1074.	1.4	7
20	Whole-Genome Mapping of Stripe Rust Resistance Quantitative Trait Loci and Race Specificity Related to Resistance Reduction in Winter Wheat Cultivar Eltan. <i>Phytopathology</i> , 2019, 109, 1226-1235.	2.2	20
21	Characterization of Novel Gene <i>Yr79</i> and Four Additional Quantitative Trait Loci for All-Stage and High-Temperature Adult-Plant Resistance to Stripe Rust in Spring Wheat PI 182103. <i>Phytopathology</i> , 2018, 108, 737-747.	2.2	123
22	Inheritance of Virulence, Construction of a Linkage Map, and Mapping Dominant Virulence Genes in <i>Puccinia striiformis</i> f. sp. <i>tritici</i> Through Characterization of a Sexual Population with Genotyping-by-Sequencing. <i>Phytopathology</i> , 2018, 108, 133-141.	2.2	31
23	Analysis and mapping of Rhizoctonia root rot resistance traits from the synthetic wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT _g /Overlook	2.1	21
24	Virulence and Molecular Characterization of Experimental Isolates of the Stripe Rust Pathogen (<i>Puccinia striiformis</i>) Indicate Somatic Recombination. <i>Phytopathology</i> , 2017, 107, 329-344.	2.2	46
25	Registration of "Pritchett"™ Soft White Winter Club Wheat. <i>Journal of Plant Registrations</i> , 2017, 11, 152-158.	0.5	6
26	Secretome Characterization and Correlation Analysis Reveal Putative Pathogenicity Mechanisms and Identify Candidate Avirulence Genes in the Wheat Stripe Rust Fungus <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2394.	3.5	29
27	Mapping genes for resistance to stripe rust in spring wheat landrace PI 480035. <i>PLoS ONE</i> , 2017, 12, e0177898.	2.5	11
28	Secreted protein gene derived-single nucleotide polymorphisms (SP-SNPs) reveal population diversity and differentiation of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> in the United States. <i>Fungal Biology</i> , 2016, 120, 729-744.	2.5	23
29	Association Analysis of SP-SNPs and Avirulence Genes in <i>Puccinia striiformis</i> f. sp. <i>tritici</i> , the Wheat Stripe Rust Pathogen. <i>American Journal of Plant Sciences</i> , 2016, 07, 126-137.	0.8	13
30	Mapping a Large Number of QTL for Durable Resistance to Stripe Rust in Winter Wheat Druchamp Using SSR and SNP Markers. <i>PLoS ONE</i> , 2015, 10, e0126794.	2.5	81
31	Genetic Diversity among Wheat Accessions from the USDA National Small Grains Collection. <i>Crop Science</i> , 2015, 55, 1243-1253.	1.8	41
32	Genetic Diversity for Stripe Rust Resistance in Wheat Landraces and Identification of Accessions with Resistance to Stem Rust and Stripe Rust. <i>Crop Science</i> , 2014, 54, 2131-2139.	1.8	22
33	Genome-wide comparative diversity uncovers multiple targets of selection for improvement in hexaploid wheat landraces and cultivars. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8057-8062.	7.1	1,065
34	Registration of "Cara"™ Soft White Winter Club Wheat. <i>Journal of Plant Registrations</i> , 2013, 7, 81-88.	0.5	10
35	Gene evolution at the ends of wheat chromosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4162-4167.	7.1	67