

Sreya Ghosh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5875506/publications.pdf>

Version: 2024-02-01

12
papers

1,918
citations

933447

10
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

2310
citing authors

#	ARTICLE	IF	CITATIONS
1	Speed breeding is a powerful tool to accelerate crop research and breeding. <i>Nature Plants</i> , 2018, 4, 23-29.	9.3	770
2	Speed breeding in growth chambers and glasshouses for crop breeding and model plant research. <i>Nature Protocols</i> , 2018, 13, 2944-2963.	12.0	286
3	Resistance gene cloning from a wild crop relative by sequence capture and association genetics. <i>Nature Biotechnology</i> , 2019, 37, 139-143.	17.5	280
4	Rapid gene isolation in barley and wheat by mutant chromosome sequencing. <i>Genome Biology</i> , 2016, 17, 221.	8.8	265
5	Population genomic analysis of <i>Aegilops tauschii</i> identifies targets for bread wheat improvement. <i>Nature Biotechnology</i> , 2022, 40, 422-431.	17.5	102
6	A roadmap for gene functional characterisation in crops with large genomes: Lessons from polyploid wheat. <i>ELife</i> , 2020, 9, .	6.0	78
7	Creation and judicious application of a wheat resistance gene atlas. <i>Molecular Plant</i> , 2021, 14, 1053-1070.	8.3	66
8	The wheat <i>Sr22</i> , <i>Sr33</i> , <i>Sr35</i> and <i>Sr45</i> genes confer resistance against stem rust in barley. <i>Plant Biotechnology Journal</i> , 2021, 19, 273-284.	8.3	14
9	Mutagenesis of <i>Puccinia graminis</i> sp. <i>Atritici</i> and Selection of Gain-of-Virulence Mutants. <i>Frontiers in Plant Science</i> , 2020, 11, 570180.	3.6	13
10	Discovery and characterisation of a new leaf rust resistance gene introgressed in wheat from wild wheat <i>Aegilops peregrina</i> . <i>Scientific Reports</i> , 2020, 10, 7573.	3.3	13
11	Fine mapping of <i>Aegilops peregrina</i> co-segregating leaf and stripe rust resistance genes to distal-most end of 5DS. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1473-1485.	3.6	8
12	Extensive Genetic Variation at the <i>Sr22</i> Wheat Stem Rust Resistance Gene Locus in the Grasses Revealed Through Evolutionary Genomics and Functional Analyses. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 1286-1298.	2.6	6