

Alevtina S Ruban

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

452
citations

933447

10
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	European maize genomes highlight intraspecies variation in repeat and gene content. <i>Nature Genetics</i> , 2020, 52, 950-957.	21.4	84
2	A Set of Cytogenetic Markers Allows the Precise Identification of All A-Genome Chromosomes in Diploid and Polyploid Wheat. <i>Cytogenetic and Genome Research</i> , 2015, 146, 71-79.	1.1	69
3	Evolution of the S-Genomes in Triticum-Aegilops Alliance: Evidences From Chromosome Analysis. <i>Frontiers in Plant Science</i> , 2018, 9, 1756.	3.6	46
4	B Chromosomes of Aegilops speltoides Are Enriched in Organelle Genome-Derived Sequences. <i>PLoS ONE</i> , 2014, 9, e90214.	2.5	38
5	How Next-Generation Sequencing Has Aided Our Understanding of the Sequence Composition and Origin of B Chromosomes. <i>Genes</i> , 2017, 8, 294.	2.4	36
6	Molecular cytogenetic characterization of Triticum timopheevii chromosomes provides new insight on genome evolution of T. zhukovskyi. <i>Plant Systematics and Evolution</i> , 2016, 302, 943-956.	0.9	33
7	Chromatin Ring Formation at Plant Centromeres. <i>Frontiers in Plant Science</i> , 2016, 7, 28.	3.6	30
8	Supernumerary B chromosomes of Aegilops speltoides undergo precise elimination in roots early in embryo development. <i>Nature Communications</i> , 2020, 11, 2764.	12.8	30
9	Nondisjunction and unequal spindle organization accompany the drive of <i>Aegilops speltoides</i> B chromosomes. <i>New Phytologist</i> , 2019, 223, 1340-1352.	7.3	26
10	Genetic diversity, distribution and domestication history of the neglected GGAtAt gene pool of wheat. <i>Theoretical and Applied Genetics</i> , 2022, 135, 755-776.	3.6	20
11	In Situ Hybridization to Plant Chromosomes. <i>Springer Protocols</i> , 2017, , 477-494.	0.3	12
12	A new insight on the evolution of polyploid Aegilops species from the complex Crassa: molecular-cytogenetic analysis. <i>Plant Systematics and Evolution</i> , 2021, 307, 1.	0.9	9
13	Are B chromosomes useful for crop improvement?. <i>Plants People Planet</i> , 2019, 1, 84-92.	3.3	8
14	Tissue-Specific Transcriptome Analysis Reveals Candidate Transcripts Associated with the Process of Programmed B Chromosome Elimination in Aegilops speltoides. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7596.	4.1	5
15	Analysis of Pollen Grains by Immunostaining and FISH in Triticeae Species. <i>Methods in Molecular Biology</i> , 2020, 2061, 347-358.	0.9	2
16	B-A Chromosome Translocations Possessing an A Centromere Partly Overcome the Root-Restricted Process of Chromosome Elimination in Aegilops speltoides. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 875523.	3.7	1