

Alexandr Muterko

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Novel alleles of the VERNALIZATION1 genes in wheat are associated with modulation of DNA curvature and flexibility in the promoter region. <i>BMC Plant Biology</i> , 2016, 16, 9.	3.6	47
2	The New Wheat Vernalization Response Allele Vrn-D1s is Caused by DNA Transposon Insertion in the First Intron. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 294-303.	1.8	28
3	Allelic variation at the VERNALIZATION-A1, VRN-B1, VRN-B3, and PHOTOPERIOD-A1 genes in cultivars of <i>Triticum durum</i> Desf.. <i>Planta</i> , 2016, 244, 1253-1263.	3.2	25
4	Retrotransposable Elements: DNA Fingerprinting and the Assessment of Genetic Diversity. <i>Methods in Molecular Biology</i> , 2021, 2222, 263-286.	0.9	18
5	In Silico PCR Tools for a Fast Primer, Probe, and Advanced Searching. <i>Methods in Molecular Biology</i> , 2017, 1620, 1-31.	0.9	18
6	Discovery, evaluation and distribution of haplotypes and new alleles of the Photoperiod-A1 gene in wheat. <i>Plant Molecular Biology</i> , 2015, 88, 149-164.	3.9	17
7	Origin and Distribution of the VRN-A1 Exon 4 and Exon 7 Haplotypes in Domesticated Wheat Species. <i>Agronomy</i> , 2018, 8, 156.	3.0	17
8	Molecular-genetic mechanisms of regulation of growth habit in wheat. <i>Cytology and Genetics</i> , 2015, 49, 58-71.	0.5	15
9	Analysis of the VERNALIZATION-A1 exon-4 polymorphism in polyploid wheat. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2017, 21, 323-333.	1.1	11
10	VRN1-ratio test for polyploid wheat. <i>Planta</i> , 2019, 250, 1955-1965.	3.2	8
11	Divergence of VRN-B3 alleles during the evolution of domesticated wheat. <i>Molecular Genetics and Genomics</i> , 2019, 294, 263-275.	2.1	7
12	Characterization of a dominant mutation for the liguleless trait: <i>Aegilops tauschii</i> liguleless (Lgt). <i>BMC Plant Biology</i> , 2019, 19, 55.	3.6	6
13	Genetic determination and function of RR proteins, regulators of photoperiodic reactions, and circadian rhythms in plants. <i>Cytology and Genetics</i> , 2012, 46, 319-334.	0.5	3
14	Quaternion modeling of the helical path for analysis of the shape of the DNA molecule. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2017, 21, 878-886.	1.1	3
15	Features of transcriptional dynamics of the duplicated <i>Vernalization</i> gene in wheat (<i>Triticum</i> spp.). <i>Plant Breeding</i> , 2021, 140, 1023-1031.	1.9	3
16	Selective precipitation of RNA with linear polyacrylamide. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2022, 41, 61-76.	1.1	2