

Tatyana A Pshenichnikova

List of Publications by Year in descending order

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48
papers

576
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623734

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54
all docs

54
docs citations

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times ranked

581
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#	ARTICLE	IF	CITATIONS
1	The relationship between the genetic status of the Vrn-1 locus and the size of the root system in bread wheat (<i>Triticum aestivum</i> L.). <i>Vavilovskii Zhurnal Genetiki I Seleksii</i> , 2022, 25, 805-811.	1.1	4
2	Genome wide association study of frost tolerance in wheat. <i>Scientific Reports</i> , 2022, 12, 5275.	3.3	13
3	The identification of a new gene for leaf pubescence introgressed into bread wheat from <i>Triticum timopheevii</i> Zhuk. and its manifestation in a different genotypic background. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2021, 19, 238-244.	0.8	3
4	Technological properties of grain and flour in bread wheat (<i>Triticum aestivum</i> L.) genotypes carrying two loci that determine the endosperm structure. <i>Proceedings on Applied Botany, Genetics and Breeding</i> , 2021, 182, 91-98.	0.6	0
5	Regions of Chromosome 2A of Bread Wheat (<i>Triticum aestivum</i> L.) Associated with Variation in Physiological and Agronomical Traits under Contrasting Water Regimes. <i>Plants</i> , 2021, 10, 1023.	3.5	8
6	Dissection of novel candidate genes for grain texture in Russian wheat varieties. <i>Plant Molecular Biology</i> , 2020, 104, 219-233.	3.9	8
7	The relationship between root system development and vernalization under contrasting irrigation in bread wheat lines with the introgressions from a synthetic hexaploid. <i>Plant Growth Regulation</i> , 2020, 92, 583-595.	3.4	3
8	Physiological responses to water deficiency in bread wheat (<i>Triticum aestivum</i> L.) lines with genetically different leaf pubescence. <i>Vavilovskii Zhurnal Genetiki I Seleksii</i> , 2020, 24, 813-820.	1.1	5
9	Phenotypic diversity of bread wheat lines with introgressions from the diploid cereal <i>Aegilops speltoides</i> for technological properties of grain and flour. <i>Vavilovskii Zhurnal Genetiki I Seleksii</i> , 2020, 24, 738-746.	1.1	3
10	Quantitative characteristics of pubescence in wheat (<i>Triticum aestivum</i> L.) are associated with photosynthetic parameters under conditions of normal and limited water supply. <i>Planta</i> , 2019, 249, 839-847.	3.2	24
11	Biological and economic characteristics of the allotetraploid with genomic formula DDAuAu from the cereal family. <i>Vavilovskii Zhurnal Genetiki I Seleksii</i> , 2019, 23, 746-752.	1.1	1
12	Association genetics studies on frost tolerance in wheat (<i>Triticum aestivum</i> L.) reveal new highly conserved amino acid substitutions in CBF-A3, CBF-A15, VRN3 and PPD1 genes. <i>BMC Genomics</i> , 2018, 19, 409.	2.8	31
13	Interaction of genes determining the spike shape of wheat and those located in the 5AL chromosome. <i>Russian Journal of Genetics: Applied Research</i> , 2017, 7, 21-28.	0.4	2
14	Diversity of leaf pubescence in bread wheat and relative species. <i>Genetic Resources and Crop Evolution</i> , 2017, 64, 1761-1773.	1.6	6
15	Promising opportunities of using molecular genetic approaches for managing wheat grain technological properties in the context of the "grain" flour "bread" chain. <i>Russian Journal of Genetics: Applied Research</i> , 2017, 7, 459-476.	0.4	2
16	Chromosome regions associated with the activity of lipoxygenase in the genome D of <i>Triticum aestivum</i> L. under water deficit. <i>Russian Journal of Plant Physiology</i> , 2017, 64, 28-40.	1.1	6
17	Properties of grain, flour and dough in bread wheat lines with <i>Aegilops markgrafii</i> introgressions. <i>Cereal Research Communications</i> , 2017, 45, 296-306.	1.6	2
18	The development of a new bread wheat genotype carrying two loci for endosperm softness. <i>Vavilovskii Zhurnal Genetiki I Seleksii</i> , 2017, 21, 341-346.	1.1	2

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19	Methods of high-throughput plant phenotyping for large-scale breeding and genetic experiments. Russian Journal of Genetics, 2016, 52, 688-701.	0.6	35
20	Effects of limited introgressions from <i>Triticum timopheevii</i> Tausch. into the genome of bread wheat (<i>Triticum aestivum</i> L.) on physiological and biochemical traits under normal watering and drought. Russian Journal of Genetics: Applied Research, 2016, 6, 553-559.	0.4	1
21	Regions of the bread wheat D genome associated with variation in key photosynthesis traits and shoot biomass under both well watered and water deficient conditions. Journal of Applied Genetics, 2016, 57, 151-163.	1.9	16
22	Interactions between leaf pubescence genes in bread wheat as assessed by high throughput phenotyping. Euphytica, 2016, 207, 491-500.	1.2	13
23	Genetic dissection of earliness by analysis of a recombinant chromosome substitution double haploid mapping population of bread wheat (<i>Triticum aestivum</i> L.) in different geographic regions. Euphytica, 2015, 206, 191-202.	1.2	3
24	Enlargement of the Genetic Diversity for Grain Quality in Bread Wheat Through Alien Introgression. , 2015, , 287-292.		1
25	Genetic analysis of leaf pubescence in isogenic lines of bread wheat Novosibirskaya 67. Russian Journal of Genetics, 2014, 50, 153-160.	0.6	8
26	The antioxidant enzymes activity in leaves of inter-varietal substitution lines of wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 2455-2465.	2.1	12
27	Extraction of quantitative characteristics describing wheat leaf pubescence with a novel image-processing technique. Planta, 2012, 236, 1943-1954.	3.2	20
28	Chromosomal localization of the speltoidy gene, introgressed into bread wheat from <i>Aegilops speltoides</i> Tausch., and its interaction with the Q gene of <i>Triticum spelta</i> L.. Russian Journal of Genetics, 2012, 48, 1120-1127.	0.6	3
29	Development and molecular characterization of a novel wheat genotype having purple grain colour. Cereal Research Communications, 2012, 40, 210-214.	1.6	13
30	Lipoxygenase from the leaves of wheat grown under different water supply conditions. Applied Biochemistry and Microbiology, 2012, 48, 77-82.	0.9	5
31	WheatPGE: A system for analysis of relationships among the phenotype, genotype, and environment in wheat. Russian Journal of Genetics: Applied Research, 2012, 2, 262-269.	0.4	5
32	Morphological characterization and inheritance of leaf hairiness in wheat (<i>Triticum aestivum</i> L.) as analyzed by computer-aided phenotyping. Russian Journal of Genetics, 2011, 47, 739-743.	0.6	22
33	Leaf dehydroascorbate reductase and catalase activity is associated with soil drought tolerance in bread wheat. Acta Physiologiae Plantarum, 2011, 33, 2169-2177.	2.1	26
34	Effect of arabinogalactan isolated from Siberian larch on the baking value of soft wheat flour and bread quality. Russian Journal of Bioorganic Chemistry, 2010, 36, 951-956.	1.0	4
35	Functional diversity at the Rc (red coleoptile) gene in bread wheat. Molecular Breeding, 2010, 25, 125-132.	2.1	28
36	The effects on grain endosperm structure of an introgression from <i>Aegilops speltoides</i> Tausch. into chromosome 5A of bread wheat. Euphytica, 2010, 175, 315-322.	1.2	14

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37	Role of lipoxygenase in the determination of wheat grain quality. Applied Biochemistry and Microbiology, 2010, 46, 87-92.	0.9	11
38	Genetic analysis of the traits introgressed from Aegilops speltoides Tausch. to bread wheat and determined by chromosome 5A genes. Russian Journal of Genetics, 2009, 45, 799-804.	0.6	3
39	Mapping of the quantitative trait loci (QTL) associated with grain quality characteristics of the bread wheat grown under different environmental conditions. Russian Journal of Genetics, 2008, 44, 74-84.	0.6	20
40	The effect of intercultural substitution of wheat Triticum aestivum L. chromosomes on lipoxygenase activity and its correlation with the technological properties of flour. Applied Biochemistry and Microbiology, 2007, 43, 91-97.	0.9	7
41	Molecular mapping of genes determining hairy leaf character in common wheat with respect to other species of the Triticeae. Euphytica, 2007, 155, 285-293.	1.2	38
42	The Inheritance of Morphological and Biochemical Traits Introgressed into Common Wheat (Triticum) Tj ETQq0 0 0.rgBT /Overlock 10 Tf	1.8	14
43	Comparative mapping of genes for glume colouration and pubescence in hexaploid wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	44
44	Analysis of Inheritance of Morphological and Biochemical Characters Introgressed into Common Wheat from Aegilops speltoides Tausch.. Russian Journal of Genetics, 2005, 41, 643-648.	0.6	2
45	Hybrid and Monosomic Analyses of Smoky Coloration of the Ear in Common Wheat. Russian Journal of Genetics, 2005, 41, 941-943.	0.6	7
46	The study of introgressive lines of Triticum aestivum x Aegilops speltoides by in situ and SSR analyses. Plant Breeding, 2004, 123, 220-224.	1.9	22
47	The development of precise genetic stocks in two wheat cultivars and their use in genetic analysis. Euphytica, 1996, 89, 11-15.	1.2	18
48	Inheritance of genes coding for gliadin proteins and glume colour introgressed into Triticum aestivum from a synthetic wheat. Plant Breeding, 1995, 114, 501-504.	1.9	9