Piotr MasojÄ

List of Publications by Year
in descending order

31 papers	864 citations	687363 13 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	541 citing authors

#	Article	IF	Citations
1	Chromosomal rearrangements in the rye genome relative to that of wheat. Theoretical and Applied Genetics, 1993, 85-85, 673-680.	3.6	388
2	Extending a RFLP-based genetic map of rye using random amplified polymorphic DNA (RAPD) and isozyme markers. Theoretical and Applied Genetics, 2001, 102, 1273-1279.	3.6	52
3	QTLs for resistance to preharvest sprouting in rye (Secale cereale L.). Journal of Applied Genetics, 2007, 48, 211-217.	1.9	41
4	Relationship between QTLs for preharvest sprouting and alpha-amylase activity in rye grain. Molecular Breeding, 2009, 23, 75-84.	2.1	40
5	New genetic map of rye composed of PCR-based molecular markers and its alignment with the reference map of the DS2 Ã— RXL10 intercross. Journal of Applied Genetics, 2007, 48, 11-24.	1.9	36
6	Three classes of loci controlling preharvest sprouting in rye (Secale cereale L.) discerned by means of bidirectional selective genotyping (BSG). Euphytica, 2009, 170, 123-129.	1.2	35
7	Identification of Single Nucleotide Polymorphisms Associated with Brown Rust Resistance, Î±-Amylase Activity and Pre-harvest Sprouting in Rye (Secale cereale L.). Plant Molecular Biology Reporter, 2017, 35, 366-378.	1.8	27
8	Saturating rye genetic map with amplified fragment length polymorphism (AFLP) and random amplified polymorphic DNA (RAPD) markers. Journal of Applied Genetics, 2003, 44, 21-33.	1.9	23
9	Mapping QTLs for alpha-amylase activity in rye grain. Journal of Applied Genetics, 2005, 46, 115-23.	1.9	20
10	Rye SCAR markers for male fertility restoration in the P cytoplasm are also applicable to marker-assisted selection in the C cytoplasm. Journal of Applied Genetics, 2005, 46, 371-3.	1.9	18
11	Identification of a novel, dominant dwarfing gene (Ddw4) and its effect on morphological traits of rye. PLoS ONE, 2018, 13, e0199335.	2.5	17
12	Î±-Amylase structural genes in rye. Theoretical and Applied Genetics, 1991, 82, 771-776.	3.6	14
13	Polymorphism and chromosomal location of endogenous Î±-amylase inhibitor genes in common wheat. Theoretical and Applied Genetics, 1993, 85, 1043-1048.	3.6	13
14	RAPD markers linked with restorer genes for the C-source of cytoplasmic male sterility in rye (Secale) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	13
15	QTL mapping for benzoxazinoid content, preharvest sprouting, Î±-amylase activity, and leaf rust resistance in rye (Secale cereale L.). PLoS ONE, 2017, 12, e0189912.	2.5	13
16	Pyramiding genes affecting sprouting resistance in Rye by means of marker assisted selection. Euphytica, 2005, 143, 257-260.	1.2	12
17	A consensus map of chromosome 6R in rye (Secale cereale L.). Cellular and Molecular Biology Letters, 2009, 14, 190-8.	7.0	12
18	Comparison of RAPD, ISSR and SSR markers in assessing genetic diversity among rye (Secale cereale L.) inbred lines. Plant Breeding and Seed Science, 2010, 62, 107-115.	0.1	11

#	Article	IF	Citations
19	Genomic architecture of alpha-amylase activity in mature rye grain relative to that of preharvest sprouting. Journal of Applied Genetics, 2011, 52, 153-160.	1.9	11
20	The application of molecular markers in the process of selection. Cellular and Molecular Biology Letters, 2002, 7, 499-509.	7.0	11
21	The GAMYB gene in rye: sequence, polymorphisms, map location, allele-specific markers, and relationship with Î±-amylase activity. BMC Genomics, 2020, 21, 578.	2.8	9
22	Proteomic analysis of preharvest sprouting in rye using two-dimensional electrophoresis and mass spectrometry. Molecular Breeding, 2012, 30, 1355-1361.	2.1	8
23	Genetics of Î±-amylases from rye endosperm. Theoretical and Applied Genetics, 1987, 73, 440-444.	3.6	7
24	Comparative analysis of genetic architectures for nine developmental traits of rye. Journal of Applied Genetics, 2017, 58, 297-305.	1.9	7
25	The mapping of QTLS for chlorophyll content and responsiveness to gibberellic (GA3) and abscisic (ABA) acids in rye. Cellular and Molecular Biology Letters, 2002, 7, 449-55.	7.0	6
26	Proteomic analysis of developing rye grain with contrasting resistance to preharvest sprouting. Journal of Applied Genetics, 2013, 54, 11-19.	1.9	4
27	Genetic analysis carried out in population tails reveals diverse two-loci interactions as a basic factor of quantitative traits variation in rye. Journal of Applied Genetics, 2016, 57, 165-173.	1.9	4
28	A complex network of QTL for thousand-kernel weight in the rye genome. Journal of Applied Genetics, 2020, 61, 337-348.	1.9	4
29	Linkage groups and the indirect chromosome location of cms-P-linked AFLPs. Cellular and Molecular Biology Letters, 2002, 7, 721-36.	7.0	4
30	A Combined Monoclonal and Polyclonal Antibody Sandwich ELISA for Quantification of the Endogenous Alpha-amylase Inhibitor in Barley and Wheat. Journal of Cereal Science, 1993, 17, 115-124.	3.7	3
31	Polymorphism of Endogenous Alpha-amylase Inhibitor in Barley. Journal of Cereal Science, 1994, 20, 43-49.	3.7	1