WacÅ‚aw Orczyk

List of Publications by Year
in descending order

22	844	623734	713466
papers	citations	14 h-index	21 g-index

23	23	23	1023
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	TaCKX2.2 Genes Coordinate Expression of Other TaCKX Family Members, Regulate Phytohormone Content and Yield-Related Traits of Wheat. International Journal of Molecular Sciences, 2021, 22, 4142.	4.1	10
2	Genotype-Dependent Effect of Silencing of TaCKX1 and TaCKX2 on Phytohormone Crosstalk and Yield-Related Traits in Wheat. International Journal of Molecular Sciences, 2021, 22, 11494.	4.1	8
3	Polyamine Oxidation Is Indispensable for Wheat (Triticum aestivum L.) Oxidative Response and Necrotic Reactions during Leaf Rust (Puccinia triticina Eriks.) Infection. Plants, 2021, 10, 2787.	3.5	1
4	Silencing of HvGSK1.1â€"A GSK3/SHAGGY-Like Kinaseâ€"Enhances Barley (Hordeum vulgare L.) Growth in Normal and in Salt Stress Conditions. International Journal of Molecular Sciences, 2020, 21, 6616.	4.1	11
5	Silencing of TaCKX1 Mediates Expression of Other TaCKX Genes to Increase Yield Parameters in Wheat. International Journal of Molecular Sciences, 2020, 21, 4809.	4.1	22
6	Different sets of TaCKX genes affect yield-related traits in wheat plants grown in a controlled environment and in field conditions. BMC Plant Biology, 2020, 20, 496.	3.6	13
7	Changes in benzoxazinoid contents and the expression of the associated genes in rye (Secale cereale) Tj ETQq1 1 0.784314 rgBT /Ov	2.5	12
8	TaWAK6 encoding wall-associated kinase is involved in wheat resistance to leaf rust similar to adult plant resistance. PLoS ONE, 2020, 15, e0227713.	2.5	36
9	Specificity of expression of TaCKX family genes in developing plants of wheat and their co-operation within and among organs. PLoS ONE, 2019, 14, e0214239.	2.5	22
10	Annotation and profiling of barley GLYCOGEN SYNTHASE3/Shaggy-like genes indicated shift in organ-preferential expression. PLoS ONE, 2018, 13, e0199364.	2.5	11
11	Major genes determining yield-related traits in wheat and barley. Theoretical and Applied Genetics, 2017, 130, 1081-1098.	3.6	175
12	Identification and VIGS-based characterization of Bx1 ortholog in rye (Secale cereale L.). PLoS ONE, 2017, 12, e0171506.	2.5	23
13	Pathogen-regulated genes in wheat isogenic lines differing in resistance to brown rust Puccinia triticina. BMC Genomics, 2015, 16, 742.	2.8	27
14	Structural characteristics of ScBx genes controlling the biosynthesis of hydroxamic acids in rye (Secale cereale L.). Journal of Applied Genetics, 2015, 56, 287-298.	1.9	29
15	Expression Patterns of HvCKX Genes Indicate Their Role in Growth and Reproductive Development of Barley. PLoS ONE, 2014, 9, e115729.	2.5	45
16	HvCKX2 gene silencing by biolistic or Agrobacterium-mediated transformation in barley leads to different phenotypes. BMC Plant Biology, 2012, 12, 206.	3.6	49
17	A new BSMV-based vector with modified Î² molecule allows simultaneous and stable silencing of two genes. Cellular and Molecular Biology Letters, 2012, 17, 107-23.	7.0	7
18	The Agrobacterium-mediated transformation of common wheat (Triticum aestivum L.) and triticale (x) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Genetics, 2012, 53, 1-8.	1.9	29

#	Article	IF	Citations
19	The RNA-mediated silencing of one of the Pin genes in allohexaploid wheat simultaneously decreases the expression of the other, and increases grain hardness. Journal of Experimental Botany, 2011, 62, 4025-4036.	4.8	38
20	Silencing of the HvCKX1 gene decreases the cytokinin oxidase/dehydrogenase level in barley and leads to higher plant productivity. Journal of Experimental Botany, 2010, 61, 1839-1851.	4.8	183
21	Agrobacterium-mediated transformation of polyploid cereals. The efficiency of selection and transgene expression in wheat. Cellular and Molecular Biology Letters, 2004, 9, 903-17.	7.0	28
22	Somatic hybrids of Solanum tuberosum â€“ application to genetics and breeding. Plant Cell, Tissue and Organ Culture, 2003, 74, 1-13.	2.3	59