

Krzysztof MikoÅajczak

List of Publications by Year in descending order

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29
papers

728
citations

623734

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times ranked

854
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Drought-Induced Proteomic and Metabolomic Changes in Barley (<i>Hordeum vulgare</i> L.) Leaves and Roots Unravels Some Aspects of Biochemical Mechanisms Involved in Drought Tolerance. <i>Frontiers in Plant Science</i> , 2016, 7, 1108.	3.6	126
2	Drought-related secondary metabolites of barley (<i>Hordeum vulgare</i> L.) leaves and their metabolomic quantitative trait loci. <i>Plant Journal</i> , 2017, 89, 898-913.	5.7	83
3	Effects of the semi-dwarfing <i>sdw1/denso</i> gene in barley. <i>Journal of Applied Genetics</i> , 2013, 54, 381-390.	1.9	75
4	Quantitative Trait Loci for Yield and Yield-Related Traits in Spring Barley Populations Derived from Crosses between European and Syrian Cultivars. <i>PLoS ONE</i> , 2016, 11, e0155938.	2.5	63
5	Quantitative trait loci for plant height in Maresi CamB barley population and their associations with yield-related traits under different water regimes. <i>Journal of Applied Genetics</i> , 2017, 58, 23-35.	1.9	49
6	QTLs for earliness and yield-forming traits in the Lubuski CamB barley RIL population under various water regimes. <i>Journal of Applied Genetics</i> , 2017, 58, 49-65.	1.9	46
7	Pleiotropic effects of the <i>sdw1</i> locus in barley populations representing different rounds of recombination. <i>Electronic Journal of Biotechnology</i> , 2014, 17, 217-223.	2.2	35
8	Segregation distortion in homozygous lines obtained via anther culture and maize doubled haploid methods in comparison to single seed descent in wheat (<i>Triticum aestivum</i> L.). <i>Electronic Journal of Biotechnology</i> , 2014, 17, 6-13.	2.2	32
9	Effects of multiple abiotic stresses on lipids and sterols profile in barley leaves (<i>Hordeum vulgare</i> L.). <i>Plant Physiology and Biochemistry</i> , 2019, 141, 215-224.	5.8	32
10	Prioritization of Candidate Genes in QTL Regions for Physiological and Biochemical Traits Underlying Drought Response in Barley (<i>Hordeum vulgare</i> L.). <i>Frontiers in Plant Science</i> , 2018, 9, 769.	3.6	31
11	Insights into Barley Root Transcriptome under Mild Drought Stress with an Emphasis on Gene Expression Regulatory Mechanisms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6139.	4.1	30
12	Identification of drought responsive proteins and related proteomic QTLs in barley. <i>Journal of Experimental Botany</i> , 2019, 70, 2823-2837.	4.8	28
13	Drought-induced anatomical modifications of barley (<i>Hordeum vulgare</i> L.) leaves: An allometric perspective. <i>Environmental and Experimental Botany</i> , 2019, 166, 103798.	4.2	19
14	Preliminary results of in vitro culture of pea and lupin embryos for the reduction of generation cycles in single seed descent technique. <i>Acta Societatis Botanicorum Poloniae</i> , 2013, 82, 231-236.	0.8	16
15	Mapping of quantitative trait loci for traits linked to fusarium head blight in barley. <i>PLoS ONE</i> , 2020, 15, e0222375.	2.5	15
16	Simultaneous selection for yield-related traits and susceptibility to Fusarium head blight in spring wheat RIL population. <i>Breeding Science</i> , 2016, 66, 281-292.	1.9	12
17	High-throughput sequencing data revealed genotype-specific changes evoked by heat stress in crown tissue of barley <i>sdw1</i> near-isogenic lines. <i>BMC Genomics</i> , 2022, 23, 177.	2.8	9
18	Image Phenotyping of Spring Barley (<i>Hordeum vulgare</i> L.) RIL Population Under Drought: Selection of Traits and Biological Interpretation. <i>Frontiers in Plant Science</i> , 2020, 11, 743.	3.6	8

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19	Introgression of LTP2 gene through marker assisted backcross in barley (<i>Hordeum vulgare</i> L.). <i>Electronic Journal of Biotechnology</i> , 2016, 24, 9-11.	2.2	7
20	Barley varieties in semi-controlled and natural conditions”Response to water shortage and changing environment. <i>Journal of Agronomy and Crop Science</i> , 2019, 205, 295-308.	3.5	4
21	Phenolic Metabolites from Barley in Contribution to Phenome in soil Moisture Deficit. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6032.	4.1	4
22	Uni- and multivariate approaches to evaluating the susceptibility of wheat hybrids to Fusarium head blight. <i>Czech Journal of Genetics and Plant Breeding</i> , 2016, 52, 132-138.	0.8	3
23	A multivariate approach to the selection of pea (<i>Pisum sativum</i> L.) lines obtained by the single seed descent technique. <i>Genetika</i> , 2017, 49, 365-376.	0.4	0
24	Mapping of quantitative trait loci for traits linked to fusarium head blight in barley. , 2020, 15, e0222375.		0
25	Mapping of quantitative trait loci for traits linked to fusarium head blight in barley. , 2020, 15, e0222375.		0
26	Mapping of quantitative trait loci for traits linked to fusarium head blight in barley. , 2020, 15, e0222375.		0
27	Mapping of quantitative trait loci for traits linked to fusarium head blight in barley. , 2020, 15, e0222375.		0
28	Mapping of quantitative trait loci for traits linked to fusarium head blight in barley. , 2020, 15, e0222375.		0
29	Mapping of quantitative trait loci for traits linked to fusarium head blight in barley. , 2020, 15, e0222375.		0