

Karolina Chwialkowska

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

484
citations

10
h-index

20
g-index

20
ext. papers

687
ext. citations

5.2
avg, IF

3.75
L-index

#	Paper	IF	Citations
18	Aluminum or Low pH - Which Is the Bigger Enemy of Barley? Transcriptome Analysis of Barley Root Meristem Under Al and Low pH Stress. <i>Frontiers in Genetics</i> , 2021 , 12, 675260	4.5	3
17	DNA Demethylation in Response to Heat Stress in. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
16	Response of rhizospheric and endophytic bacterial communities of white mustard (<i>Sinapis alba</i>) to bioaugmentation of soil with the <i>Pseudomonas</i> sp. H15 strain. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 194, 110434	7	5
15	Molecular Signature of Subtypes of Non-Small-Cell Lung Cancer by Large-Scale Transcriptional Profiling: Identification of Key Modules and Genes by Weighted Gene Co-Expression Network Analysis (WGCNA). <i>Cancers</i> , 2019 , 12,	6.6	103
14	DNA Methylation Analysis in Barley and Other Species with Large Genomes. <i>Methods in Molecular Biology</i> , 2019 , 1900, 253-268	1.4	1
13	Molecular changes in vitellogenin gene of <i>Spodoptera exigua</i> after long-time exposure to cadmium - Toxic side effect or microevolution?. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 147, 461-470	7	13
12	A multi-tissue full lifespan epigenetic clock for mice. <i>Aging</i> , 2018 , 10, 2832-2854	5.6	86
11	Methylation Sensitive Amplification Polymorphism Sequencing (MSAP-Seq)-A Method for High-Throughput Analysis of Differentially Methylated CCGG Sites in Plants with Large Genomes. <i>Frontiers in Plant Science</i> , 2017 , 8, 2056	6.2	20
10	Water-deficiency conditions differently modulate the methylome of roots and leaves in barley (<i>Hordeum vulgare</i> L.). <i>Journal of Experimental Botany</i> , 2016 , 67, 1109-21	7	52
9	Transcriptome analysis reveals the role of the root hairs as environmental sensors to maintain plant functions under water-deficiency conditions. <i>Journal of Experimental Botany</i> , 2016 , 67, 1079-94	7	44
8	Isolation and characterization of microsatellite loci in <i>Pulsatilla patens</i> (L.) Mill. (Ranunculaceae) a rare and endangered plant species in Europe. <i>Conservation Genetics Resources</i> , 2013 , 5, 421-423	0.8	6
7	Automatic analysis of 2D polyacrylamide gels in the diagnosis of DNA polymorphisms. <i>BioMedical Engineering OnLine</i> , 2013 , 12, 68	4.1	
6	Accumulation of peroxidase-related reactive oxygen species in trichoblasts correlates with root hair initiation in barley. <i>Journal of Plant Physiology</i> , 2013 , 170, 185-95	3.6	35
5	Ancient evolutionary trade-offs between yeast ploidy states. <i>PLoS Genetics</i> , 2013 , 9, e1003388	6	58
4	iRootHair: a comprehensive root hair genomics database. <i>Plant Physiology</i> , 2013 , 161, 28-35	6.6	26
3	A comparative analysis of proteins that accumulate during the initial stage of root hair development in barley root hair mutants and their parent varieties. <i>Journal of Applied Genetics</i> , 2012 , 53, 363-76	2.5	15
2	Development of microsatellite markers using pyrosequencing in <i>Galium trifidum</i> (Rubiaceae), a rare species in Central Europe. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 9893-9	6.3	3

- 1 Isolation and characterization of Simple Sequence Repeats (SSR) Markers from the moss genus *Orthotrichum* using a small throughput pyrosequencing machine. *International Journal of Molecular Sciences*, **2012**, 13, 7586-93 6.3 6