

Karolina Chwialkowska

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1462994/karolina-chwialkowska-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
17	A multi-tissue full lifespan epigenetic clock for mice. <i>Aging</i> , 2018 , 10, 2832-2854	5.6	86
16	Ancient evolutionary trade-offs between yeast ploidy states. <i>PLoS Genetics</i> , 2013 , 9, e1003388	6	58
15	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
14	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
13	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
12	iRootHair: a comprehensive root hair genomics database. <i>Plant Physiology</i> , 2013 , 161, 28-35	6.6	26
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	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
9	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
8	DNA Demethylation in Response to Heat Stress in. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
7	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
6	Isolation and characterization of Simple Sequence Repeats (SSR) Markers from the moss genus <i>Orthotrichum</i> using a small throughput pyrosequencing machine. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 7586-93	6.3	6
5	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
4	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
3	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
2	DNA Methylation Analysis in Barley and Other Species with Large Genomes. <i>Methods in Molecular Biology</i> , 2019 , 1900, 253-268	1.4	1

- 1 Automatic analysis of 2D polyacrylamide gels in the diagnosis of DNA polymorphisms. *BioMedical Engineering OnLine*, **2013**, 12, 68 4.1