

# Karolina Chwialkowska

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

822  
citations

759055

12  
h-index

794469

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1361  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2020, 12, 37.	1.7	179
2	A multi-tissue full lifespan epigenetic clock for mice. <i>Aging</i> , 2018, 10, 2832-2854.	1.4	166
3	Ancient Evolutionary Trade-Offs between Yeast Ploidy States. <i>PLoS Genetics</i> , 2013, 9, e1003388.	1.5	85
4	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, 1079-1094.	2.4	80
5	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, 1109-1121.	2.4	72
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, 185-195.	1.6	45
7	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.	1.7	32
8	DNA Demethylation in Response to Heat Stress in <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 1555.	1.8	31
9	iRootHair: A Comprehensive Root Hair Genomics Database. <i>Plant Physiology</i> , 2012, 161, 28-35.	2.3	30
10	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.	2.9	21
11	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.	1.1	21
12	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, 363-376.	1.0	17
13	Insights into the Histone Acetylation-Mediated Regulation of the Transcription Factor Genes That Control the Embryogenic Transition in the Somatic Cells of <i>Arabidopsis</i> . <i>Cells</i> , 2022, 11, 863.	1.8	13
14	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.	2.9	10
15	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, 7586-7593.	1.8	9
16	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.	0.4	6
17	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, 9893-9899.	1.8	3
18	DNA Methylation Analysis in Barley and Other Species with Large Genomes. <i>Methods in Molecular Biology</i> , 2019, 1900, 253-268.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Do Not Miss the (Genetic) Diagnosis of Gaucher Syndrome: A Narrative Review on Diagnostic Clues and Management in Severe Prenatal and Perinatal-Lethal Sporadic Cases. <i>Journal of Clinical Medicine</i> , 2021, 10, 4890.	1.0	1
20	Automatic analysis of 2D polyacrylamide gels in the diagnosis of DNA polymorphisms. <i>BioMedical Engineering OnLine</i> , 2013, 12, 68.	1.3	0