

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1688003/jan-jasik-publications-by-citations.pdf>

**Version:** 2024-04-28

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.

39  
papers

1,957  
citations

19  
h-index

40  
g-index

40  
ext. papers

2,256  
ext. citations

5.3  
avg, IF

3.9  
L-index

#	Paper	IF	Citations
39	Duplicated P5CS genes of Arabidopsis play distinct roles in stress regulation and developmental control of proline biosynthesis. <i>Plant Journal</i> , <b>2008</b> , 53, 11-28	6.9	478
38	Knock-out of Arabidopsis metal transporter gene IRT1 results in iron deficiency accompanied by cell differentiation defects. <i>Plant Molecular Biology</i> , <b>2002</b> , 50, 587-97	4.6	195
37	SKP1-SnRK protein kinase interactions mediate proteasomal binding of a plant SCF ubiquitin ligase. <i>EMBO Journal</i> , <b>2001</b> , 20, 2742-56	13	182
36	Latrunculin B-induced plant dwarfism: Plant cell elongation is F-actin-dependent. <i>Developmental Biology</i> , <b>2001</b> , 231, 113-24	3.1	168
35	Arabidopsis synaptotagmin 1 is required for the maintenance of plasma membrane integrity and cell viability. <i>Plant Cell</i> , <b>2008</b> , 20, 3374-88	11.6	147
34	The signal transducer NPH3 integrates the phototropin1 photosensor with PIN2-based polar auxin transport in Arabidopsis root phototropism. <i>Plant Cell</i> , <b>2012</b> , 24, 551-65	11.6	102
33	SWI3 subunits of putative SWI/SNF chromatin-remodeling complexes play distinct roles during Arabidopsis development. <i>Plant Cell</i> , <b>2005</b> , 17, 2454-72	11.6	100
32	Rapid identification of Arabidopsis insertion mutants by non-radioactive detection of T-DNA tagged genes. <i>Plant Journal</i> , <b>2002</b> , 32, 243-53	6.9	79
31	Intron-tagged epitope: a tool for facile detection and purification of proteins expressed in Agrobacterium-transformed plant cells. <i>Plant Journal</i> , <b>2000</b> , 22, 553-60	6.9	71
30	Anatomical and ultrastructural examination of adventitious root formation in stem slices of apple. <i>Biologia Plantarum</i> , <b>1997</b> , 39, 79-90	2.1	55
29	The role of cytokinins in rooting of stem slices cut from apple microcuttings. <i>Plant Biosystems</i> , <b>2001</b> , 135, 79-84	1.6	36
28	Effects of Auxins on PIN-FORMED2 (PIN2) Dynamics Are Not Mediated by Inhibiting PIN2 Endocytosis. <i>Plant Physiology</i> , <b>2016</b> , 172, 1019-1031	6.6	34
27	Steedman's Wax for F-Actin Visualization <b>2000</b> , 619-636		32
26	PIN2 turnover in Arabidopsis root epidermal cells explored by the photoconvertible protein Dendra2. <i>PLoS ONE</i> , <b>2013</b> , 8, e61403	3.7	30
25	Developmental anatomy and ultrastructure of early somatic embryos in European black pine ( <i>Pinus nigra</i> Arn.). <i>Protoplasma</i> , <b>1995</b> , 185, 205-211	3.4	28
24	In vitro multiplication of cashew ( <i>Anacardium occidentale</i> L.) using shoot node explants of glasshouse-raised plants. <i>Plant Cell Reports</i> , <b>1999</b> , 18, 456-461	5.1	27
23	Effect of medium-pH and MES on adventitious root formation from stem disks of apple. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2008</b> , 95, 285-292	2.7	23

22	Characterisation of morphology and root formation in the model woody perennial shrub <i>Solanum aviculare</i> Forst. expressing rolABC genes of <i>Agrobacterium rhizogenes</i> . <i>Plant Science</i> , <b>1997</b> , 124, 57-68	5.3	21
21	<i>Arabidopsis</i> Synaptotagmin 2 Participates in Pollen Germination and Tube Growth and Is Delivered to Plasma Membrane via Conventional Secretion. <i>Molecular Plant</i> , <b>2015</b> , 8, 1737-50	14.4	20
20	Effect of Methyl Jasmonate on Morphology and Dormancy Development in Lily Bulblets Regenerated In Vitro. <i>Journal of Plant Growth Regulation</i> , <b>2006</b> , 25, 45-51	4.7	19
19	Effects of jasmonic acid and its methylester on in vitro microtuberisation of three food yam ( <i>Dioscorea</i> ) species. <i>Plant Cell Reports</i> , <b>2000</b> , 19, 863-867	5.1	18
18	Internalized and newly synthesized <i>Arabidopsis</i> PIN-FORMED2 pass through brefeldin A compartments: a new insight into intracellular dynamics of the protein by using the photoconvertible fluorescence protein Dendra2 as a tag. <i>Molecular Plant</i> , <b>2014</b> , 7, 1578-81	14.4	15
17	Somatic Embryogenesis in <i>Pinus Nigra</i> Arn.. <i>Forestry Sciences</i> , <b>1995</b> , 207-220		13
16	NBP, a zebrafish homolog of human Kank3, is a novel Numb interactor essential for epidermal integrity and neurulation. <i>Developmental Biology</i> , <b>2012</b> , 365, 164-74	3.1	8
15	In Vitro Root Formation in <i>Anacardium Occidentale</i> Microshoots. <i>Biologia Plantarum</i> , <b>2001</b> , 44, 175-179	2.1	8
14	Actin3 promoter reveals undulating F-actin bundles at shanks and dynamic F-actin meshworks at tips of tip-growing pollen tubes. <i>Plant Signaling and Behavior</i> , <b>2016</b> , 11, e1146845	2.5	8
13	Actin and Myosin VIII in Plant Cell-Cell Channels <b>2006</b> , 119-134		8
12	Subtissue-specific evaluation of promoter efficiency by quantitative fluorometric assay in laser microdissected tissues of rapeseed. <i>Plant Physiology</i> , <b>2011</b> , 157, 563-73	6.6	7
11	Somatic Embryogenesis in Hybrid Firs. <i>Forestry Sciences</i> , <b>1999</b> , 505-523		7
10	Dual Effect of Ethylene During Rooting of Apple Microcuttings. <i>Current Plant Science and Biotechnology in Agriculture</i> , <b>1999</b> , 41-44		5
9	Plastid degeneration induced by vanadium. <i>Biologia Plantarum</i> , <b>1987</b> , 29, 73-75	2.1	3
8	Choice of Auxin for In Vitro Rooting of Apple Microcuttings <b>1997</b> , 111-116		3
7	The Photoconvertible Fluorescent Protein Dendra2 Tag as a Tool to Investigate Intracellular Protein Dynamics. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1992, 201-214	1.4	2
6	Cytological study on wheat ( <i>Triticum timopheevi</i> Zhuk.) protoplasts. <i>Biologia Plantarum</i> , <b>1992</b> , 34, 193-201		2
5	Cytological characteristic of two strains of grapevine ( <i>Vitis riparia</i> [ <i>Vitis labrusca</i> ]) callus culture. <i>Biologia Plantarum</i> , <b>1988</b> , 30, 100-103	2.1	1

4	Endosidin 2 accelerates PIN2 endocytosis and disturbs intracellular trafficking of PIN2, PIN3, and PIN4 but not of SYT1. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237448	3.7	1
3	Specific expression of in phloem companion cells suggests its role in iron translocation in aboveground plant organs. <i>Plant Signaling and Behavior</i> , <b>2021</b> , 16, 1925020	2.5	1
2	The nuclear GUCT domain-containing DEAD-box RNA helicases govern gametophytic and sporophytic development in <i>Physcomitrium patens</i> . <i>Plant Molecular Biology</i> , <b>2021</b> , 107, 307-325	4.6	0
1	Ultrastructural organization of secondary mutants of <i>Euglena gracilis</i> induced by N-methyl-N'-nitro-N-nitrosoguanidine. <i>Folia Microbiologica</i> , <b>1990</b> , 35, 431-436	2.8	