

Jn Jsik

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.

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	The nuclear GUCT domain-containing DEAD-box RNA helicases govern gametophytic and sporophytic development in <i>Physcomitrium patens</i> . <i>Plant Molecular Biology</i> , 2021 , 107, 307-325	4.6	0
38	Specific expression of in phloem companion cells suggests its role in iron translocation in aboveground plant organs. <i>Plant Signaling and Behavior</i> , 2021 , 16, 1925020	2.5	1
37	Endosidin 2 accelerates PIN2 endocytosis and disturbs intracellular trafficking of PIN2, PIN3, and PIN4 but not of SYT1. <i>PLoS ONE</i> , 2020 , 15, e0237448	3.7	1
36	The Photoconvertible Fluorescent Protein Dendra2 Tag as a Tool to Investigate Intracellular Protein Dynamics. <i>Methods in Molecular Biology</i> , 2019 , 1992, 201-214	1.4	2
35	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> , 2016 , 11, e1146845	2.5	8
34	Effects of Auxins on PIN-FORMED2 (PIN2) Dynamics Are Not Mediated by Inhibiting PIN2 Endocytosis. <i>Plant Physiology</i> , 2016 , 172, 1019-1031	6.6	34
33	Arabidopsis Synaptotagmin 2 Participates in Pollen Germination and Tube Growth and Is Delivered to Plasma Membrane via Conventional Secretion. <i>Molecular Plant</i> , 2015 , 8, 1737-50	14.4	20
32	Internalized and newly synthesized Arabidopsis 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> , 2014 , 7, 1578-81	14.4	15
31	PIN2 turnover in Arabidopsis root epidermal cells explored by the photoconvertible protein Dendra2. <i>PLoS ONE</i> , 2013 , 8, e61403	3.7	30
30	NBP, a zebrafish homolog of human Kank3, is a novel Numb interactor essential for epidermal integrity and neurulation. <i>Developmental Biology</i> , 2012 , 365, 164-74	3.1	8
29	The signal transducer NPH3 integrates the phototropin1 photosensor with PIN2-based polar auxin transport in Arabidopsis root phototropism. <i>Plant Cell</i> , 2012 , 24, 551-65	11.6	102
28	Subtissue-specific evaluation of promoter efficiency by quantitative fluorometric assay in laser microdissected tissues of rapeseed. <i>Plant Physiology</i> , 2011 , 157, 563-73	6.6	7
27	Arabidopsis synaptotagmin 1 is required for the maintenance of plasma membrane integrity and cell viability. <i>Plant Cell</i> , 2008 , 20, 3374-88	11.6	147
26	Duplicated P5CS genes of Arabidopsis play distinct roles in stress regulation and developmental control of proline biosynthesis. <i>Plant Journal</i> , 2008 , 53, 11-28	6.9	478
25	Effect of medium-pH and MES on adventitious root formation from stem disks of apple. <i>Plant Cell, Tissue and Organ Culture</i> , 2008 , 95, 285-292	2.7	23
24	Effect of Methyl Jasmonate on Morphology and Dormancy Development in Lily Bulblets Regenerated In Vitro. <i>Journal of Plant Growth Regulation</i> , 2006 , 25, 45-51	4.7	19
23	Actin and Myosin VIII in Plant Cell-Cell Channels 2006 , 119-134		8

22	SWI3 subunits of putative SWI/SNF chromatin-remodeling complexes play distinct roles during Arabidopsis development. <i>Plant Cell</i> , 2005 , 17, 2454-72	11.6	100
21	Rapid identification of Arabidopsis insertion mutants by non-radioactive detection of T-DNA tagged genes. <i>Plant Journal</i> , 2002 , 32, 243-53	6.9	79
20	Knock-out of Arabidopsis metal transporter gene IRT1 results in iron deficiency accompanied by cell differentiation defects. <i>Plant Molecular Biology</i> , 2002 , 50, 587-97	4.6	195
19	In Vitro Root Formation in Anacardium Occidentale Microshoots. <i>Biologia Plantarum</i> , 2001 , 44, 175-179	2.1	8
18	SKP1-SnRK protein kinase interactions mediate proteasomal binding of a plant SCF ubiquitin ligase. <i>EMBO Journal</i> , 2001 , 20, 2742-56	13	182
17	The role of cytokinins in rooting of stem slices cut from apple microcuttings. <i>Plant Biosystems</i> , 2001 , 135, 79-84	1.6	36
16	Latrunculin B-induced plant dwarfism: Plant cell elongation is F-actin-dependent. <i>Developmental Biology</i> , 2001 , 231, 113-24	3.1	168
15	Intron-tagged epitope: a tool for facile detection and purification of proteins expressed in Agrobacterium-transformed plant cells. <i>Plant Journal</i> , 2000 , 22, 553-60	6.9	71
14	Effects of jasmonic acid and its methylester on in vitro microtuberisation of three food yam (Dioscorea) species. <i>Plant Cell Reports</i> , 2000 , 19, 863-867	5.1	18
13	Steedman's Wax for F-Actin Visualization 2000 , 619-636		32
12	In vitro multiplication of cashew (Anacardium occidentale L.) using shoot node explants of glasshouse-raised plants. <i>Plant Cell Reports</i> , 1999 , 18, 456-461	5.1	27
11	Dual Effect of Ethylene During Rooting of Apple Microcuttings. <i>Current Plant Science and Biotechnology in Agriculture</i> , 1999 , 41-44		5
10	Somatic Embryogenesis in Hybrid Firs. <i>Forestry Sciences</i> , 1999 , 505-523		7
9	Characterisation of morphology and root formation in the model woody perennial shrub Solanum aviculare Forst. expressing rolABC genes of Agrobacterium rhizogenes. <i>Plant Science</i> , 1997 , 124, 57-68	5.3	21
8	Anatomical and ultrastructural examination of adventitious root formation in stem slices of apple. <i>Biologia Plantarum</i> , 1997 , 39, 79-90	2.1	55
7	Choice of Auxin for In Vitro Rooting of Apple Microcuttings 1997 , 111-116		3
6	Developmental anatomy and ultrastructure of early somatic embryos in European black pine (Pinus nigra Arn.). <i>Protoplasma</i> , 1995 , 185, 205-211	3.4	28
5	Somatic Embryogenesis in Pinus Nigra Arn.. <i>Forestry Sciences</i> , 1995 , 207-220		13

- 4 Cytological study on wheat (*Triticum timopheevi* Zhuk.) protoplasts. *Biologia Plantarum*, **1992**, 34, 193-201. 2
- 3 Ultrastructural organization of secondary mutants of *Euglena gracilis* induced by N-methyl-N'-nitro-N-nitrosoguanidine. *Folia Microbiologica*, **1990**, 35, 431-436 2.8
- 2 Cytological characteristic of two strains of grapevine (*Vitis riparia* [*Vitis labrusca*]) callus culture. *Biologia Plantarum*, **1988**, 30, 100-103 2.1 1
- 1 Plastid degeneration induced by vanadium. *Biologia Plantarum*, **1987**, 29, 73-75 2.1 3