Wolfgang Werr

List of Publications by Year
in descending order

36	2,446	22	35
papers	citations	h-index	g-index
		304743	361022

37	37	37	2578
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	thick tassel dwarf1 encodes a putative maize ortholog of the Arabidopsis CLAVATA1 leucine-rich repeat receptor-like kinase. Development (Cambridge), 2005, 132, 1235-1245.	2.5	264
2	The maize duplicate genes narrow sheath1 and narrow sheath2 encode a conserved homeobox gene function in a lateral domain of shoot apical meristems. Development (Cambridge), 2004, 131, 2827-2839.	2.5	195
3	The Shoot Stem Cell Niche in Angiosperms: Expression Patterns of WUS Orthologues in Rice and Maize Imply Major Modifications in the Course of Mono- and Dicot Evolution. Molecular Biology and Evolution, 2006, 23, 2492-2504.	8.9	175
4	The AP2 transcription factors DORNROÌˆSCHEN and DORNROÌˆSCHEN-LIKE redundantly control Arabidopsis embryo patterning via interaction with PHAVOLUTA. Development (Cambridge), 2007, 134, 1653-1662.	2.5	168
5	The DORNRÃ–SCHEN/ENHANCER OF SHOOT REGENERATION1 Gene of Arabidopsis Acts in the Control of Meristem Cell Fate and Lateral Organ Development. Plant Cell, 2003, 15, 694-705.	6.6	154
6	<i>DORNROÌˆSCHEN</i>is a direct target of the auxin response factor MONOPTEROS in the<i>Arabidopsis</i>embryo. Development (Cambridge), 2009, 136, 1643-1651.	2.5	145
7	Stem Cell Regulation by Arabidopsis WOX Genes. Molecular Plant, 2016, 9, 1028-1039.	8.3	137
8	<i>WOX13</i>-<i>like</i> genes are required for reprogramming of leaf and protoplast cells into stem cells in the moss <i>Physcomitrella patens</i>. Development (Cambridge), 2014, 141, 1660-1670.	2.5	136
9	WOX Gene Phylogeny in Poaceae: A Comparative Approach Addressing Leaf and Embryo Development. Molecular Biology and Evolution, 2007, 24, 2474-2484.	8.9	135
10	Discrete Shoot and Root Stem Cell-Promoting WUS/WOX5 Functions Are an Evolutionary Innovation of Angiosperms. Molecular Biology and Evolution, 2009, 26, 1745-1755.	8.9	115
11	Cytokininâ€"auxin crosstalk in cell type specification. Trends in Plant Science, 2015, 20, 291-300.	8.8	102
12	The invention of WUS-like stem cell-promoting functions in plants predates leptosporangiate ferns. Plant Molecular Biology, 2012, 78, 123-134.	3.9	80
13	Pattern Formation in the Monocot Embryo as Revealed by NAMand CUC3 Orthologues from Zea mays L.. Plant Molecular Biology, 2005, 58, 669-685.	3.9	78
14	DORNRÃ–SCHEN-LIKE expression marks Arabidopsis floral organ founder cells and precedes auxin response maxima. Plant Molecular Biology, 2011, 76, 171-185.	3.9	73
15	Plant development revolves around axes. Trends in Plant Science, 2008, 13, 78-84.	8.8	64
16	Vectors with rare-cutter restriction enzyme sites for expression of open reading frames in transgenic plants. Molecular Breeding, 1996, 2, 293-295.	2.1	63
17	Symplesiomorphies in the <i><scp>WUSCHEL</scp></i> clade suggest that the last common ancestor of seed plants contained at least four independent stem cell niches. New Phytologist, 2013, 199, 1081-1092.	7.3	58
18	Mutations in the TORNADO2 gene affect cellular decisions in the peripheral zone of the shoot apical meristem of Arabidopsis thaliana. Plant Molecular Biology, 2007, 63, 731-744.	3.9	48

#	Article	IF	Citations
19	Genetic integration of DORNRÃ–SCHEN and DORNRÃ–SCHEN-LIKE reveals hierarchical interactions in auxin signalling and patterning of the Arabidopsis apical embryo. Plant Molecular Biology, 2011, 75, 223-236.	3.9	36
20	Gene expression patterns in the maize caryopsis: clues to decisions in embryo and endosperm development. Gene, 2001, 271, 131-142.	2.2	34
21	The evolution of plant regulatory networks: what Arabidopsis cannot say for itself. Current Opinion in Plant Biology, 2007, 10, 653-659.	7.1	30
22	Spatiotemporal control of axillary meristem formation by interacting transcriptional regulators. Development (Cambridge), 2018, 145, .	2.5	25
23	Specific chromatin changes mark lateral organ founder cells in the Arabidopsis inflorescence meristem. Journal of Experimental Botany, 2019, 70, 3867-3879.	4.8	17
24	The AP2-type transcription factors DORNRÃ–SCHEN and DORNRÃ–SCHEN-LIKE promote G1/S transition. Molecular Genetics and Genomics, 2016, 291, 1835-1849.	2.1	16
25	The intrinsic chaperone network of Arabidopsis stem cells confers protection against proteotoxic stress. Aging Cell, 2021, 20, e13446.	6.7	15
26	Transcription of the putative maize orthologue of the Arabidopsis DORNRÃ–SCHEN gene marks early asymmetry in the proembryo and during leaf initiation in the shoot apical meristem. Gene Expression Patterns, 2007, 7, 158-164.	0.8	13
27	The founder-cell transcriptome in the Arabidopsis apetala1 cauliflower inflorescence meristem. BMC Genomics, 2016, 17, 855.	2.8	13
28	Founder-cell-specific transcription of the<i>DORNRÃ–SCHEN-LIKE</i>promoter and integration of the auxin response. Journal of Experimental Botany, 2016, 67, 143-155.	4.8	12
29	The role of DORNROESCHEN (DRN) and DRN-LIKE (DRNL) in Arabidopsis embryonic patterning. Plant Signaling and Behavior, 2008, 3, 49-51.	2.4	11
30	Patterning of the Maize Embryo and the Perspective of Evolutionary Developmental Biology. , 2009, , 105-119.		9
31	The role of<i>DORNRÃ–SCHEN-LIKE</i>in early floral organogenesis. Plant Signaling and Behavior, 2011, 6, 1244-1246.	2.4	5
32	Histology versus phylogeny: Viewing plant embryogenesis from an evo-devo perspective. Current Topics in Developmental Biology, 2019, 131, 545-564.	2.2	5
33	Functional dissection of the DORNRÃ–SCHEN-LIKE enhancer 2 during embryonic and phyllotactic patterning. Planta, 2020, 251, 90.	3.2	5
34	Clonal sector analysis and cell ablation confirm a function for DORNROESCHEN-LIKE in founder cells and the vasculature in Arabidopsis. Planta, 2021, 253, 27.	3.2	5
35	Stem Cell Fate versus Differentiation: the Missing Link. Trends in Plant Science, 2016, 21, 725-727.	8.8	4
36	Transcription of the WUSCHEL-RELATED HOMEOBOX 4 gene in Arabidopsis thaliana. Gene Expression Patterns, 2020, 38, 119150.	0.8	1