Wolfgang Werr

List of Publications by Year
in descending order

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36 papers	2,446 citations	304743 22 h-index	361022 35 g-index
37 all docs	37 docs citations	37 times ranked	2578 citing authors

#	Article	IF	Citations
1	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
2	The intrinsic chaperone network of Arabidopsis stem cells confers protection against proteotoxic stress. Aging Cell, 2021, 20, e13446.	6.7	15
3	Transcription of the WUSCHEL-RELATED HOMEOBOX 4 gene in Arabidopsis thaliana. Gene Expression Patterns, 2020, 38, 119150.	0.8	1
4	Functional dissection of the DORNRÃ–SCHEN-LIKE enhancer 2 during embryonic and phyllotactic patterning. Planta, 2020, 251, 90.	3.2	5
5	Specific chromatin changes mark lateral organ founder cells in the Arabidopsis inflorescence meristem. Journal of Experimental Botany, 2019, 70, 3867-3879.	4.8	17
6	Histology versus phylogeny: Viewing plant embryogenesis from an evo-devo perspective. Current Topics in Developmental Biology, 2019, 131, 545-564.	2.2	5
7	Spatiotemporal control of axillary meristem formation by interacting transcriptional regulators. Development (Cambridge), 2018, 145, .	2.5	25
8	The founder-cell transcriptome in the Arabidopsis apetala1 cauliflower inflorescence meristem. BMC Genomics, 2016, 17, 855.	2.8	13
9	Stem Cell Regulation by Arabidopsis WOX Genes. Molecular Plant, 2016, 9, 1028-1039.	8.3	137
10	Stem Cell Fate versus Differentiation: the Missing Link. Trends in Plant Science, 2016, 21, 725-727.	8.8	4
11	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
12	Founder-cell-specific transcription of theDORNRÃ–SCHEN-LIKEpromoter and integration of the auxin response. Journal of Experimental Botany, 2016, 67, 143-155.	4.8	12
13	Cytokininâ€“auxin crosstalk in cell type specification. Trends in Plant Science, 2015, 20, 291-300.	8.8	102
14	WOX13-like genes are required for reprogramming of leaf and protoplast cells into stem cells in the moss Physcomitrella patens. Development (Cambridge), 2014, 141, 1660-1670.	2.5	136
15	Symplesiomorphies in the <scp>WUSCHEL</scp> 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
16	The invention of WUS-like stem cell-promoting functions in plants predates leptosporangiate ferns. Plant Molecular Biology, 2012, 78, 123-134.	3.9	80
17	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
18	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

#	Article	IF	Citations
19	The role ofDORNRÃ–SCHEN-LIKEin early floral organogenesis. Plant Signaling and Behavior, 2011, 6, 1244-1246.	2.4	5
20	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
21	DORNROÌˆSCHENis a direct target of the auxin response factor MONOPTEROS in theArabidopsisembryo. Development (Cambridge), 2009, 136, 1643-1651.	2.5	145
22	Patterning of the Maize Embryo and the Perspective of Evolutionary Developmental Biology. , 2009, , 105-119.		9
23	Plant development revolves around axes. Trends in Plant Science, 2008, 13, 78-84.	8.8	64
24	The role of DORNROESCHEN (DRN) and DRN-LIKE (DRNL) in Arabidopsis embryonic patterning. Plant Signaling and Behavior, 2008, 3, 49-51.	2.4	11
25	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
26	WOX Gene Phylogeny in Poaceae: A Comparative Approach Addressing Leaf and Embryo Development. Molecular Biology and Evolution, 2007, 24, 2474-2484.	8.9	135
27	The evolution of plant regulatory networks: what Arabidopsis cannot say for itself. Current Opinion in Plant Biology, 2007, 10, 653-659.	7.1	30
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	Gene expression patterns in the maize caryopsis: clues to decisions in embryo and endosperm development. Gene, 2001, 271, 131-142.	2.2	34
36	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