Hanna HÃµrak

List of Publications by Year
in descending order

29	743	933447 10	677142 22
papers	citations	h-index	g-index

33	33	33	1237
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Breakdown of Stored Triacylglycerols Is Required during Light-Induced Stomatal Opening. Current Biology, 2016, 26, 707-712.	3.9	111
2	Abscisic Acid Transport and Homeostasis in the Context of Stomatal Regulation. Molecular Plant, 2015, 8, 1321-1333.	8.3	98
3	The Receptor-like Pseudokinase GHR1 Is Required for Stomatal Closure. Plant Cell, 2018, 30, 2813-2837.	6.6	95
4	A Dominant Mutation in the HT1 Kinase Uncovers Roles of MAP Kinases and GHR1 in CO₂-Induced Stomatal Closure. Plant Cell, 2016, 28, 2493-2509.	6.6	89
5	Fern Stomatal Responses to ABA and CO₂ Depend on Species and Growth Conditions. Plant Physiology, 2017, 174, 672-679.	4.8	74
6	Natural Variation in Arabidopsis Cvi-0 Accession Reveals an Important Role of MPK12 in Guard Cell CO2 Signaling. PLoS Biology, 2016, 14, e2000322.	5.6	69
7	Mitogenâ€activated protein kinases <scp>MPK</scp>4 and <scp>MPK</scp>12 are key components mediating <scp>CO</scp>₂â€induced stomatal movements. Plant Journal, 2018, 96, 1018-1035.	5.7	49
8	Bacterial infection systemically suppresses stomatal density. Plant, Cell and Environment, 2019, 42, 2411-2421.	5.7	37
9	Quantitative trait loci mapping and transcriptome analysis reveal candidate genes regulating the response to ozone in <scp>A</scp>rabidopsis thaliana. Plant, Cell and Environment, 2015, 38, 1418-1433.	5.7	36
10	ERD15â€"An attenuator of plant ABA responses and stomatal aperture. Plant Science, 2012, 182, 19-28.	3.6	34
11	Current status of the multinational Arabidopsis community. Plant Direct, 2020, 4, e00248.	1.9	13
12	Defense, Fast and Slow: Activation of Different MAPK Pathways in Response to Wounding. Plant Cell, 2020, 32, 1788-1789.	6.6	8
13	Dynamic thermal imaging confirms local but not fast systemic <scp>ABA</scp> responses. Plant, Cell and Environment, 2021, 44, 885-899.	5.7	6
14	Application of widely used fungicides does not necessarily affect grain yield, and incidence of Fusarium spp. and mycotoxins DON, HT-2 and T-2 in spring barley in northern climates. KvasnÃ½ PrÅ¯mysl, 2020, 66, .	0.2	6
15	Learning from the experts: drought resistance in desert plants. New Phytologist, 2017, 216, 5-7.	7.3	4
16	How to achieve immune balance and harmony: glycosyltransferase UGT76B1 inactivates N-hydroxy-pipecolic acid to suppress defense responses. Plant Cell, 2021, 33, 453-454.	6.6	3
17	Telling Footprints: Exon Junction Complexes Mark Targets of Nonsense- and miRNA-Mediated mRNA Decay. Plant Cell, 2020, 32, 787-788.	6.6	2
18	Zones of Defense? SA Receptors Have It Under Control. Plant Cell, 2020, 32, 3658-3659.	6.6	2

#	Article	IF	Citations
19	Tracking the Courier: In Planta Imaging of NADH/NAD+ Ratios with a Genetically Encoded Biosensor. Plant Cell, 2020, 32, 3055-3056.	6.6	1
20	How COR27 and COR28 Promote Hypocotyl Growth: Bind to COP1 and Suppress HY5 Activity. Plant Cell, 2020, 32, 3045-3046.	6.6	1
21	Leaf temperature responses to ABA and dead bacteria in wheat and Arabidopsis. Plant Signaling and Behavior, 2021, 16, 1899471.	2.4	1
22	Important ions: impairment of potassium exchangers disrupts chloroplast gene expression. Plant Cell, 0, , .	6.6	1
23	Shaping a flexoskeleton: pectate lyase PLL12 facilitates stomatal movements. Plant Cell, 2021, 33, 2908-2909.	6.6	1
24	Zones of Defense? SA Receptors Have It Under Control. Plant Cell, 2020, 32, 3658-3659.	6.6	1
25	Remodeling Flowering: CHROMATIN REMODELING4 Promotes the Floral Transition. Plant Cell, 2020, 32, 1346-1347.	6.6	0
26	How stomata see the light: the complex blues of PHOTs and BLUS1. Plant Cell, 2021, 33, 1413-1414.	6.6	0
27	Back to Where It Came From: Chloroplast Expression of Both Rubisco Subunits Helps Functional Enzyme Analysis. Plant Cell, 2020, 32, 2677-2678.	6.6	0
28	MYB16 expression in the stomatal lineage: wrong place at the wrong time leads to stomata side-by-side. Plant Cell, 2022, 34, 8-9.	6.6	0
29	As above, so below: CLE peptide signaling in shoot and root apical meristems. Plant Cell, 2022, , .	6.6	0