

Alois Schweighofer

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,419
citations

840776

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996975

15
g-index

17
all docs

17
docs citations

17
times ranked

3469
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant PP2C phosphatases: emerging functions in stress signaling. Trends in Plant Science, 2004, 9, 236-243.	8.8	628
2	Antagonistic Regulation of PIN Phosphorylation by PP2A and PINOID Directs Auxin Flux. Cell, 2007, 130, 1044-1056.	28.9	590
3	The PP2C-Type Phosphatase AP2C1, Which Negatively Regulates MPK4 and MPK6, Modulates Innate Immunity, Jasmonic Acid, and Ethylene Levels in <i>Arabidopsis</i> . Plant Cell, 2007, 19, 2213-2224.	6.6	302
4	The TPLATE Adaptor Complex Drives Clathrin-Mediated Endocytosis in Plants. Cell, 2014, 156, 691-704.	28.9	238
5	Type 2C protein phosphatases in plants. FEBS Journal, 2013, 280, 681-693.	4.7	200
6	Stress-induced Protein Phosphatase 2C Is a Negative Regulator of a Mitogen-activated Protein Kinase. Journal of Biological Chemistry, 2003, 278, 18945-18952.	3.4	147
7	MAPK Phosphatase AP2C3 Induces Ectopic Proliferation of Epidermal Cells Leading to Stomata Development in Arabidopsis. PLoS ONE, 2010, 5, e15357.	2.5	84
8	Dynamic Recruitment of Cdc2 to Specific Microtubule Structures during Mitosis. Plant Cell, 2001, 13, 1929-1943.	6.6	62
9	Plant resistance against the parasitic nematode <i>Heterodera schachtii</i> is mediated by MPK3 and MPK6 kinases, which are controlled by the MAPK phosphatase AP2C1 in Arabidopsis. Journal of Experimental Botany, 2016, 67, 107-118.	4.8	53
10	Protein phosphatase AP2C1 negatively regulates basal resistance and defense responses to <i>Pseudomonas syringae</i> . Journal of Experimental Botany, 2017, 68, erw485.	4.8	41
11	Phosphatases in Plants. Methods in Molecular Biology, 2015, 1306, 25-46.	0.9	26
12	Substrate Analysis of Arabidopsis PP2C-Type Protein Phosphatases. Methods in Molecular Biology, 2011, 779, 149-161.	0.9	12
13	Dual control of MAPK activities by AP2C1 and MKP1 MAPK phosphatases regulates defence responses in Arabidopsis. Journal of Experimental Botany, 2022, 73, 2369-2384.	4.8	12
14	Protein Phosphatases in Plant Growth Signalling Pathways. , 2008, , 277-297.		11
15	Bimolecular Fluorescent Complementation (BiFC) by MAP Kinases and MAPK Phosphatases. Methods in Molecular Biology, 2014, 1171, 147-158.	0.9	7
16	Phosphatase Activities Analyzed by in vivo Expressions. Methods in Molecular Biology, 2009, 479, 247-260.	0.9	6