

Alexander Christmann

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

5,167
citations

430874

18
h-index

501196

28
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docs citations

28
times ranked

5646
citing authors

#	ARTICLE	IF	CITATIONS
1	Knockout of Arabidopsis thaliana VEP1, Encoding a PRISE (Progesterone 5 ^β -Reductase/Iridoid) Tj ETQq1 1 0.784314 rgBT /Overlock 10 (MVK). Metabolites, 2022, 12, 11.	2.9	9
2	Increased water use efficiency and water productivity of arabidopsis by abscisic acid receptors from Populus canescens. Annals of Botany, 2019, 124, 581-589.	2.9	15
3	Revisiting the Basal Role of ABA " Roles Outside of Stress. Trends in Plant Science, 2019, 24, 625-635.	8.8	189
4	Abscisic Acid Receptors and Coreceptors Modulate Plant Water Use Efficiency and Water Productivity. Plant Physiology, 2019, 180, 1066-1080.	4.8	48
5	Peptide signal alerts plants to drought. Nature, 2018, 556, 178-179.	27.8	21
6	Combinatorial interaction network of abscisic acid receptors and coreceptors from Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10280-10285.	7.1	142
7	Interaction network of ABA receptors in grey poplar. Plant Journal, 2017, 92, 199-210.	5.7	23
8	Leveraging abscisic acid receptors for efficient water use in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6791-6796.	7.1	106
9	Abscisic acid analogs as chemical probes for dissection of abscisic acid responses in Arabidopsis thaliana. Phytochemistry, 2015, 113, 96-107.	2.9	31
10	Abscisic acid sensor RCAR7/PYL13, specific regulator of protein phosphatase coreceptors. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5741-5746.	7.1	100
11	Reticulate leaves and stunted roots are independent phenotypes pointing at opposite roles of the phosphoenolpyruvate/phosphate translocator defective in cue1 in the plastids of both organs. Frontiers in Plant Science, 2014, 5, 126.	3.6	27
12	Electric defence. Nature, 2013, 500, 404-405.	27.8	20
13	Hydraulic signals in long-distance signaling. Current Opinion in Plant Biology, 2013, 16, 293-300.	7.1	158
14	Action of Natural Abscisic Acid Precursors and Catabolites on Abscisic Acid Receptor Complexes. Plant Physiology, 2011, 157, 2108-2119.	4.8	49
15	Closely related receptor complexes differ in their ABA selectivity and sensitivity. Plant Journal, 2010, 61, 25-35.	5.7	170
16	ABA perception and signalling. Trends in Plant Science, 2010, 15, 395-401.	8.8	1,106
17	Are GTGs ABA's Biggest Fans?. Cell, 2009, 136, 21-23.	28.9	18
18	Regulators of PP2C Phosphatase Activity Function as Abscisic Acid Sensors. Science, 2009, 324, 1064-1068.	12.6	2,017

#	ARTICLE	IF	CITATIONS
19	BOTANY: A Plant Receptor with a Big Family. <i>Science</i> , 2007, 315, 1676-1677.	12.6	18
20	A hydraulic signal in root-to-shoot signalling of water shortage. <i>Plant Journal</i> , 2007, 52, 167-174.	5.7	464
21	Fibrillin expression is regulated by abscisic acid response regulators and is involved in abscisic acid-mediated photoprotection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6061-6066.	7.1	115
22	Generation of Active Pools of Abscisic Acid Revealed by In Vivo Imaging of Water-Stressed Arabidopsis. <i>Plant Physiology</i> , 2005, 137, 209-219.	4.8	230
23	Phytochelatin synthase catalyzes key step in turnover of glutathione conjugates. <i>Phytochemistry</i> , 2003, 62, 423-431.	2.9	62
24	Title is missing!. <i>Plant Growth Regulation</i> , 1998, 24, 91-99.	3.4	5
25	Phytohormones in needles of healthy and declining silver fir (<i>Abies alba</i> Mill.): III. Ethylene: The immediate ethylene precursor 1-aminocyclopropane-1-carboxylic acid and its malonyl conjugate. <i>Journal of Plant Physiology</i> , 1997, 150, 271-278.	3.5	3
26	Phytohormones in needles of healthy and declining silver fir (<i>Abies alba</i> Mill.): I. Indole-3-acetic acid. <i>Trees - Structure and Function</i> , 1996, 10, 331-338.	1.9	4
27	Phytohormones in Needles of Healthy and Declining Silver Fir (<i>Abies alba</i> Mill.): II. Abscisic Acid. <i>Journal of Plant Physiology</i> , 1995, 147, 419-425.	3.5	9
28	Contrasting photo- and thermoperiod-induced changes in abscisic acid and lipid contents in leaves of mungbean seedlings. <i>Physiologia Plantarum</i> , 1991, 83, 346-352.	5.2	8