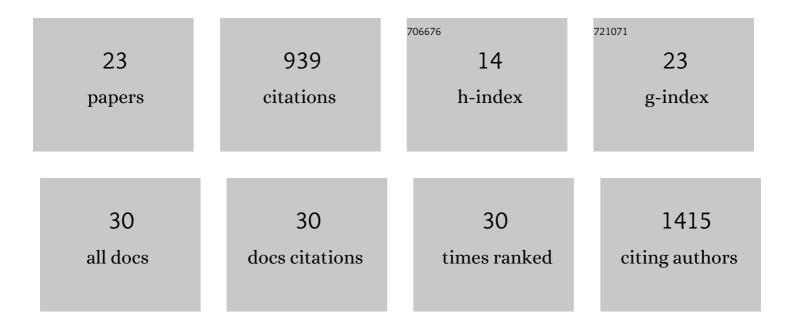
Jan Simura

List of Publications by Year in descending order

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IAN SIMUDA

#	Article	IF	CITATIONS
1	Potassium transporter TRH1/KUP4 contributes to distinct auxin-mediated root system architecture responses. Plant Physiology, 2022, 188, 1043-1060.	2.3	21
2	Auxin boosts energy generation pathways to fuel pollen maturation in barley. Current Biology, 2022, 32, 1798-1811.e8.	1.8	16
3	Inactivation of the entire Arabidopsis group II GH3s confers tolerance to salinity and water deficit. New Phytologist, 2022, 235, 263-275.	3.5	23
4	Nitrogen represses haustoria formation through abscisic acid in the parasitic plant Phtheirospermum japonicum. Nature Communications, 2022, 13, .	5.8	13
5	Hormonal responses associated with acclimation to freezing stress in Lolium perenne. Environmental and Experimental Botany, 2021, 182, 104295.	2.0	12
6	Studies of moss reproductive development indicate that auxin biosynthesis in apical stem cells may constitute an ancestral function for focal growth control. New Phytologist, 2021, 229, 845-860.	3.5	24
7	Function of the pseudo phosphotransfer proteins has diverged between rice and Arabidopsis. Plant Journal, 2021, 106, 159-173.	2.8	7
8	Broadening the roles of UDPâ€glycosyltransferases in auxin homeostasis and plant development. New Phytologist, 2021, 232, 642-654.	3.5	31
9	An ectomycorrhizal fungus alters sensitivity to jasmonate, salicylate, gibberellin, and ethylene in host roots. Plant, Cell and Environment, 2020, 43, 1047-1068.	2.8	30
10	HEARTBREAK Controls Post-translational Modification of INDEHISCENT to Regulate Fruit Morphology in Capsella. Current Biology, 2020, 30, 3880-3888.e5.	1.8	5
11	HY5 and phytochrome activity modulate shoot-to-root coordination during thermomorphogenesis in <i>Arabidopsis</i> . Development (Cambridge), 2020, 147, .	1.2	27
12	Conifers exhibit a characteristic inactivation of auxin to maintain tissue homeostasis. New Phytologist, 2020, 226, 1753-1765.	3.5	33
13	Auxin export from proximal fruits drives arrest in temporally competent inflorescences. Nature Plants, 2020, 6, 699-707.	4.7	33
14	A MYC2/MYC3/MYC4-dependent transcription factor network regulates water spray-responsive gene expression and jasmonate levels. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23345-23356.	3.3	95
15	Regulatory Diversification of INDEHISCENT in the Capsella Genus Directs Variation in Fruit Morphology. Current Biology, 2019, 29, 1038-1046.e4.	1.8	12
16	A bacterial assay for rapid screening of IAA catabolic enzymes. Plant Methods, 2019, 15, 126.	1.9	13
17	Plant Hormonomics: Multiple Phytohormone Profiling by Targeted Metabolomics. Plant Physiology, 2018, 177, 476-489.	2.3	293
18	Light influences cytokinin biosynthesis and sensing in <i>Nostoc</i> (cyanobacteria). Journal of Phycology, 2017, 53, 703-714.	1.0	19

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19	Enhanced Secondary- and Hormone Metabolism in Leaves of Arbuscular Mycorrhizal <i>Medicago truncatula</i> . Plant Physiology, 2017, 175, 392-411.	2.3	81
20	Control of cytokinin and auxin homeostasis in cyanobacteria and algae. Annals of Botany, 2017, 119, 151-166.	1.4	82
21	Cytokinin, auxin and physiological polarity in the aquatic carnivorous plants <i>Aldrovanda vesiculosa</i> and <i>Utricularia australis</i> . Annals of Botany, 2016, 117, 1037-1044.	1.4	10
22	CHASE domain-containing receptors play an essential role in the cytokinin response of the moss <i>Physcomitrella patens</i> . Journal of Experimental Botany, 2016, 67, 667-679.	2.4	33
23	Endogenous Abscisic Acid Promotes Hypocotyl Growth and Affects Endoreduplication during Dark-Induced Growth in Tomato (Solanum lycopersicum L.). PLoS ONE, 2015, 10, e0117793.	1.1	21