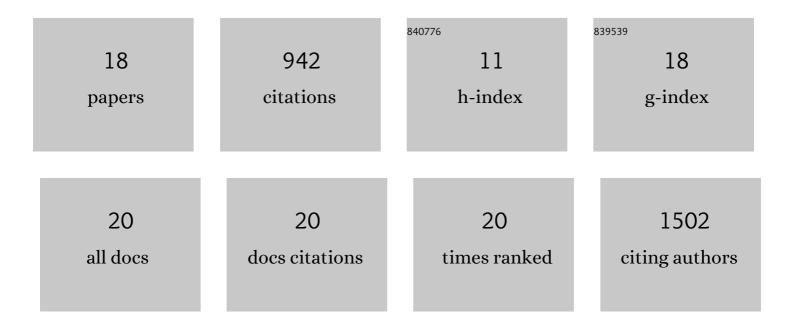
Stéphanie M Swarbreck

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10418918/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	GWAS identifies genetic loci underlying nitrogen responsiveness in the climate resilient C4 model Setaria italica (L.). Journal of Advanced Research, 2022, 42, 249-261.	9.5	6
2	Over-expression of TaDWF4 increases wheat productivity under low and sufficient nitrogen through enhanced carbon assimilation. Communications Biology, 2022, 5, 193.	4.4	5
3	Trade-offs in the genetic control of functional and nutritional quality traits in UK winter wheat. Heredity, 2022, 128, 420-433.	2.6	13
4	Defining the physiological determinants of low nitrogen requirement in wheat. Biochemical Society Transactions, 2021, 49, 609-616.	3.4	9
5	Phytohormones Interplay: Karrikin Signalling Promotes Ethylene Synthesis to Modulate Roots. Trends in Plant Science, 2021, 26, 308-311.	8.8	8
6	Variation for Nitrogen Use Efficiency Traits in Wheat Under Contrasting Nitrogen Treatments in South-Eastern Europe. Frontiers in Plant Science, 2021, 12, 682333.	3.6	14
7	Phosphate Deprivation Can Impair Mechano-Stimulated Cytosolic Free Calcium Elevation in Arabidopsis Roots. Plants, 2020, 9, 1205.	3.5	3
8	Common Components of the Strigolactone and Karrikin Signaling Pathways Suppress Root Branching in Arabidopsis. Plant Physiology, 2020, 184, 18-22.	4.8	19
9	A Roadmap for Lowering Crop Nitrogen Requirement. Trends in Plant Science, 2019, 24, 892-904.	8.8	89
10	Impairment in karrikin but not strigolactone sensing enhances root skewing in <i>Arabidopsis thaliana</i> . Plant Journal, 2019, 98, 607-621.	5.7	69
11	Phosphate Starvation Alters Abiotic-Stress-Induced Cytosolic Free Calcium Increases in Roots. Plant Physiology, 2019, 179, 1754-1767.	4.8	43
12	Calcium-Mediated Abiotic Stress Signaling in Roots. Frontiers in Plant Science, 2016, 7, 1296.	3.6	151
13	The hydroxyl radical in plants: from seed to seed. Journal of Experimental Botany, 2015, 66, 37-46.	4.8	131
14	Annexin 1 regulates the <scp>H</scp> ₂ <scp>O</scp> ₂ â€induced calcium signature in <i><scp>A</scp>rabidopsis thaliana</i> roots. Plant Journal, 2014, 77, 136-145.	5.7	109
15	Plant Calcium-Permeable Channels. Plant Physiology, 2013, 163, 514-522.	4.8	116
16	Salinity-Induced Calcium Signaling and Root Adaptation in Arabidopsis Require the Calcium Regulatory Protein Annexin1 Â Â. Plant Physiology, 2013, 163, 253-262.	4.8	132
17	Annual grassland resource pools and fluxes: sensitivity to precipitation and dry periods on two contrasting soils. Ecosphere, 2012, 3, art70-art70.	2.2	5
18	Linking leaf transcript levels to whole plant analyses provides mechanistic insights to the impact of warming and altered water availability in an annual grass. Global Change Biology, 2011, 17, 1577-1594.	9.5	16