

StÃ©phanie M Swarbreck

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

942
citations

840776

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839539

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g-index

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20
docs citations

20
times ranked

1502
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium-Mediated Abiotic Stress Signaling in Roots. <i>Frontiers in Plant Science</i> , 2016, 7, 1296.	3.6	151
2	Salinity-Induced Calcium Signaling and Root Adaptation in Arabidopsis Require the Calcium Regulatory Protein Annexin1. <i>Plant Physiology</i> , 2013, 163, 253-262.	4.8	132
3	The hydroxyl radical in plants: from seed to seed. <i>Journal of Experimental Botany</i> , 2015, 66, 37-46.	4.8	131
4	Plant Calcium-Permeable Channels. <i>Plant Physiology</i> , 2013, 163, 514-522.	4.8	116
5	Annexin 1 regulates the H_2O_2 -induced calcium signature in <i>Arabidopsis thaliana</i> roots. <i>Plant Journal</i> , 2014, 77, 136-145.	5.7	109
6	A Roadmap for Lowering Crop Nitrogen Requirement. <i>Trends in Plant Science</i> , 2019, 24, 892-904.	8.8	89
7	Impairment in karrikin but not strigolactone sensing enhances root skewing in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2019, 98, 607-621.	5.7	69
8	Phosphate Starvation Alters Abiotic-Stress-Induced Cytosolic Free Calcium Increases in Roots. <i>Plant Physiology</i> , 2019, 179, 1754-1767.	4.8	43
9	Common Components of the Strigolactone and Karrikin Signaling Pathways Suppress Root Branching in Arabidopsis. <i>Plant Physiology</i> , 2020, 184, 18-22.	4.8	19
10	Linking leaf transcript levels to whole plant analyses provides mechanistic insights to the impact of warming and altered water availability in an annual grass. <i>Global Change Biology</i> , 2011, 17, 1577-1594.	9.5	16
11	Variation for Nitrogen Use Efficiency Traits in Wheat Under Contrasting Nitrogen Treatments in South-Eastern Europe. <i>Frontiers in Plant Science</i> , 2021, 12, 682333.	3.6	14
12	Trade-offs in the genetic control of functional and nutritional quality traits in UK winter wheat. <i>Heredity</i> , 2022, 128, 420-433.	2.6	13
13	Defining the physiological determinants of low nitrogen requirement in wheat. <i>Biochemical Society Transactions</i> , 2021, 49, 609-616.	3.4	9
14	Phytohormones Interplay: Karrikin Signalling Promotes Ethylene Synthesis to Modulate Roots. <i>Trends in Plant Science</i> , 2021, 26, 308-311.	8.8	8
15	CWAS identifies genetic loci underlying nitrogen responsiveness in the climate resilient C4 model <i>Setaria italica</i> (L.). <i>Journal of Advanced Research</i> , 2022, 42, 249-261.	9.5	6
16	Annual grassland resource pools and fluxes: sensitivity to precipitation and dry periods on two contrasting soils. <i>Ecosphere</i> , 2012, 3, art70-art70.	2.2	5
17	Over-expression of TaDWF4 increases wheat productivity under low and sufficient nitrogen through enhanced carbon assimilation. <i>Communications Biology</i> , 2022, 5, 193.	4.4	5
18	Phosphate Deprivation Can Impair Mechano-Stimulated Cytosolic Free Calcium Elevation in Arabidopsis Roots. <i>Plants</i> , 2020, 9, 1205.	3.5	3