

Stephanie Bernard

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,054
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1662
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Defining the physiological determinants of low nitrogen requirement in wheat. <i>Biochemical Society Transactions</i> , 2021, 49, 609-616.	3.4	9
5	Phytohormones Interplay: Karrikin Signalling Promotes Ethylene Synthesis to Modulate Roots. <i>Trends in Plant Science</i> , 2021, 26, 308-311.	8.8	8
6	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
7	Phosphate Deprivation Can Impair Mechano-Stimulated Cytosolic Free Calcium Elevation in Arabidopsis Roots. <i>Plants</i> , 2020, 9, 1205.	3.5	3
8	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
9	A Roadmap for Lowering Crop Nitrogen Requirement. <i>Trends in Plant Science</i> , 2019, 24, 892-904.	8.8	89
10	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
11	Phosphate Starvation Alters Abiotic-Stress-Induced Cytosolic Free Calcium Increases in Roots. <i>Plant Physiology</i> , 2019, 179, 1754-1767.	4.8	43
12	Wheat root length and not branching is altered in the presence of neighbours, including blackgrass. <i>PLoS ONE</i> , 2017, 12, e0178176.	2.5	7
13	Calcium-Mediated Abiotic Stress Signaling in Roots. <i>Frontiers in Plant Science</i> , 2016, 7, 1296.	3.6	151
14	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
15	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
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	Gene expression profiling: opening the black box of plant ecosystem responses to global change. <i>Global Change Biology</i> , 2009, 15, 1201-1213.	9.5	35
18	The genetics of nitrogen use in hexaploid wheat: N utilisation, development and yield. <i>Theoretical and Applied Genetics</i> , 2007, 114, 403-419.	3.6	215

#	ARTICLE	IF	CITATIONS
19	Redox regulation of peroxiredoxin and proteinases by ascorbate and thiols during pea root nodule senescence. FEBS Letters, 2006, 580, 1269-1276.	2.8	60
20	The roles of redox processes in pea nodule development and senescence. Plant, Cell and Environment, 2005, 28, 1293-1304.	5.7	58