

Rebecca K Vandegeer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1543534/publications.pdf>

Version: 2024-02-01

10
papers

300
citations

1307543

7
h-index

1372553

10
g-index

10
all docs

10
docs citations

10
times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon deposition on guard cells increases stomatal sensitivity as mediated by K ⁺ efflux and consequently reduces stomatal conductance. <i>Physiologia Plantarum</i> , 2021, 171, 358-370.	5.2	50
2	Nitrogen availability and allocation in sorghum and its wild relatives: Divergent roles for cyanogenic glucosides. <i>Journal of Plant Physiology</i> , 2021, 258-259, 153393.	3.5	8
3	Leaf silicification provides herbivore defence regardless of the extensive impacts of water stress. <i>Functional Ecology</i> , 2021, 35, 1200-1211.	3.6	8
4	Silicon enrichment alters functional traits in legumes depending on plant genotype and symbiosis with nitrogen-fixing bacteria. <i>Functional Ecology</i> , 2021, 35, 2856-2869.	3.6	11
5	Physiological acclimation of a grass species occurs during sustained but not repeated drought events. <i>Environmental and Experimental Botany</i> , 2020, 171, 103954.	4.2	8
6	The Role of Silicon in Antiherbivore Phytohormonal Signalling. <i>Frontiers in Plant Science</i> , 2019, 10, 1132.	3.6	75
7	Virus infection mediates the effects of elevated CO ₂ on plants and vectors. <i>Scientific Reports</i> , 2016, 6, 22785.	3.3	52
8	Barley yellow dwarf virus infection and elevated CO ₂ alter the antioxidants ascorbate and glutathione in wheat. <i>Journal of Plant Physiology</i> , 2016, 199, 96-99.	3.5	7
9	Host Symptom Expression and Antioxidant Defence Systems of Wheat Infected with Barley Yellow Dwarf Virus and Grown Under Elevated CO ₂ . <i>Procedia Environmental Sciences</i> , 2015, 29, 177-178.	1.4	2
10	Drought adversely affects tuber development and nutritional quality of the staple crop cassava (<i>Manihot esculenta</i> Crantz). <i>Functional Plant Biology</i> , 2013, 40, 195.	2.1	79