

# Susanna F Boxall

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

806  
citations

1040056

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1281871

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12  
docs citations

12  
times ranked

821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorolytic degradation of leaf starch via plastidic $\alpha$ -glucan phosphorylase leads to optimized plant growth and water use efficiency over the diel phases of Crassulacean acid metabolism. <i>Journal of Experimental Botany</i> , 2021, 72, 4419-4434.	4.8	8
2	C <sub>4</sub> and crassulacean acid metabolism within a single leaf: deciphering key components behind a rare photosynthetic adaptation. <i>New Phytologist</i> , 2020, 225, 1699-1714.	7.3	26
3	Exploring C <sub>4</sub> -CAM plasticity within the <i>Portulaca oleracea</i> complex. <i>Scientific Reports</i> , 2020, 10, 14237.	3.3	18
4	Crassulacean acid metabolism guard cell anion channel activity follows transcript abundance and is suppressed by apoplastic malate. <i>New Phytologist</i> , 2020, 227, 1847-1857.	7.3	6
5	<i>Kalanchoë</i> PPC1 Is Essential for Crassulacean Acid Metabolism and the Regulation of Core Circadian Clock and Guard Cell Signaling Genes. <i>Plant Cell</i> , 2020, 32, 1136-1160.	6.6	52
6	Phosphorylation of Phosphoenolpyruvate Carboxylase Is Essential for Maximal and Sustained Dark CO <sub>2</sub> Fixation and Core Circadian Clock Operation in the Obligate Crassulacean Acid Metabolism Species <i>Kalanchoë fedtschenkoi</i> . <i>Plant Cell</i> , 2017, 29, 2519-2536.	6.6	67
7	The <i>Kalanchoë</i> genome provides insights into convergent evolution and building blocks of crassulacean acid metabolism. <i>Nature Communications</i> , 2017, 8, 1899.	12.8	159
8	Emerging model systems for functional genomics analysis of Crassulacean acid metabolism. <i>Current Opinion in Plant Biology</i> , 2016, 31, 100-108.	7.1	51
9	A roadmap for research on crassulacean acid metabolism (CAM) to enhance sustainable food and bioenergy production in a hotter, drier world. <i>New Phytologist</i> , 2015, 207, 491-504.	7.3	211
10	Transgenic Perturbation of the Decarboxylation Phase of Crassulacean Acid Metabolism Alters Physiology and Metabolism But Has Only a Small Effect on Growth. <i>Plant Physiology</i> , 2015, 167, 44-59.	4.8	76
11	Conservation and Divergence of Circadian Clock Operation in a Stress-Inducible Crassulacean Acid Metabolism Species Reveals Clock Compensation against Stress. <i>Plant Physiology</i> , 2005, 137, 969-982.	4.8	132