

# Susanna F Boxall

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6584100/publications.pdf>

Version: 2024-02-01

11  
papers

806  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

821  
citing authors

#	ARTICLE	IF	CITATIONS
1	A roadmap for research on crassulacean acid metabolism (<scp>CAM</scp>) to enhance sustainable food and bioenergy production in a hotter, drier world. <i>New Phytologist</i> , 2015, 207, 491-504.	7.3	211
2	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
3	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
4	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
5	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
6	<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
7	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
8	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
9	Exploring C <sub>4</sub> -CAM plasticity within the <i>Portulaca oleracea</i> complex. <i>Scientific Reports</i> , 2020, 10, 14237.	3.3	18
10	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
11	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