

# Steven J Burgess

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

747  
citations

567281

15  
h-index

839539

18  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1081  
citing authors

#	ARTICLE	IF	CITATIONS
1	Creating clear and informative image-based figures for scientific publications. <i>PLoS Biology</i> , 2021, 19, e3001161.	5.6	35
2	Photosynthesis in the fleeting shadows: an overlooked opportunity for increasing crop productivity?. <i>Plant Journal</i> , 2020, 101, 874-884.	5.7	68
3	A bipartite transcription factor module controlling expression in the bundle sheath of <i>Arabidopsis thaliana</i> . <i>Nature Plants</i> , 2020, 6, 1468-1479.	9.3	20
4	Comparing quality of reporting between preprints and peer-reviewed articles in the biomedical literature. <i>Research Integrity and Peer Review</i> , 2020, 5, 16.	5.2	68
5	Genome-Wide Transcription Factor Binding in Leaves from <i>C<sub>3</sub></i> and <i>C<sub>4</sub></i> Grasses. <i>Plant Cell</i> , 2019, 31, 2297-2314.	6.6	47
6	On the value of preprints: An early career researcher perspective. <i>PLoS Biology</i> , 2019, 17, e3000151.	5.6	116
7	Ancient duons may underpin spatial patterning of gene expression in <i>C<sub>4</sub></i> leaves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1931-1936.	7.1	58
8	Droplet-based microfluidic analysis and screening of single plant cells. <i>PLoS ONE</i> , 2018, 13, e0196810.	2.5	23
9	Shared characteristics underpinning <i>C<sub>4</sub></i> leaf maturation derived from analysis of multiple <i>C<sub>3</sub></i> and <i>C<sub>4</sub></i> species of <i>Flaveria</i> . <i>Journal of Experimental Botany</i> , 2017, 68, 177-189.	4.8	23
10	Editorial: Advances in Plastid Biology and Its Applications. <i>Frontiers in Plant Science</i> , 2016, 7, 1396.	3.6	2
11	Ancestral light and chloroplast regulation form the foundations for <i>C<sub>4</sub></i> gene expression. <i>Nature Plants</i> , 2016, 2, 16161.	9.3	32
12	An Untranslated <i>cis</i> -Element Regulates the Accumulation of Multiple <i>C<sub>4</sub></i> Enzymes in <i>Gynandropsis gynandra</i> Mesophyll Cells. <i>Plant Cell</i> , 2016, 28, 454-465.	6.6	73
13	Identification of the Elusive Pyruvate Reductase of <i>Chlamydomonas reinhardtii</i> Chloroplasts. <i>Plant and Cell Physiology</i> , 2016, 57, 82-94.	3.1	23
14	Insights into <i>C<sub>4</sub></i> metabolism from comparative deep sequencing. <i>Current Opinion in Plant Biology</i> , 2015, 25, 138-144.	7.1	16
15	Getting the most out of natural variation in <i>C<sub>4</sub></i> photosynthesis. <i>Photosynthesis Research</i> , 2014, 119, 157-167.	2.9	22
16	A high throughput gas exchange screen for determining rates of photorespiration or regulation of <i>C<sub>4</sub></i> activity. <i>Journal of Experimental Botany</i> , 2014, 65, 3769-3779.	4.8	36
17	Artificial microRNA-mediated knockdown of pyruvate formate lyase (PFL1) provides evidence for an active 3-hydroxybutyrate production pathway in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Journal of Biotechnology</i> , 2012, 162, 57-66.	3.8	22
18	Solar-Driven Hydrogen Production in Green Algae. <i>Advances in Applied Microbiology</i> , 2011, 75, 71-110.	2.4	42