

Benjamin J Cole

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2228173/publications.pdf>

Version: 2024-02-01

19
papers

2,082
citations

623574

14
h-index

794469

19
g-index

23
all docs

23
docs citations

23
times ranked

3267
citing authors

#	ARTICLE	IF	CITATIONS
1	Linking photoreceptor excitation to changes in plant architecture. <i>Genes and Development</i> , 2012, 26, 785-790.	2.7	460
2	Cryptochromes Interact Directly with PIFs to Control Plant Growth in Limiting Blue Light. <i>Cell</i> , 2016, 164, 233-245.	13.5	445
3	High-Throughput Single-Cell Transcriptome Profiling of Plant Cell Types. <i>Cell Reports</i> , 2019, 27, 2241-2247.e4.	2.9	279
4	Genome-wide identification of bacterial plant colonization genes. <i>PLoS Biology</i> , 2017, 15, e2002860.	2.6	173
5	Transcriptomic analysis of field-droughted sorghum from seedling to maturity reveals biotic and metabolic responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 27124-27132.	3.3	129
6	Subset of heat-shock transcription factors required for the early response of <i>Arabidopsis</i> to excess light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14474-14479.	3.3	123
7	Plant Metabolic Network 15: A resource of genome-wide metabolism databases for 126 plants and algae. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1888-1905.	4.1	114
8	Automated analysis of hypocotyl growth dynamics during shade avoidance in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2011, 65, 991-1000.	2.8	74
9	Molecular Mechanisms Driving Switch Behavior in Xylem Cell Differentiation. <i>Cell Reports</i> , 2019, 28, 342-351.e4.	2.9	61
10	Multilab EcoFAB study shows highly reproducible physiology and depletion of soil metabolites by a model grass. <i>New Phytologist</i> , 2019, 222, 1149-1160.	3.5	55
11	Daily Changes in Temperature, Not the Circadian Clock, Regulate Growth Rate in <i>Brachypodium distachyon</i> . <i>PLoS ONE</i> , 2014, 9, e100072.	1.1	47
12	Vision, challenges and opportunities for a Plant Cell Atlas. <i>ELife</i> , 2021, 10, .	2.8	31
13	Plant single-cell solutions for energy and the environment. <i>Communications Biology</i> , 2021, 4, 962.	2.0	23
14	Alpha helical crossovers favor right-handed supersecondary structures by kinetic trapping: The phone cord effect in protein folding. <i>Protein Science</i> , 2009, 18, 1602-1608.	3.1	18
15	Changes in ambient temperature are the prevailing cue in determining <i>Brachypodium distachyon</i> diurnal gene regulation. <i>New Phytologist</i> , 2020, 227, 1709-1724.	3.5	16
16	Different threats, same response. <i>Nature Plants</i> , 2021, 7, 544-545.	4.7	3
17	Image-Based Analysis of Light-Grown Seedling Hypocotyls in <i>Arabidopsis</i> . <i>Methods in Molecular Biology</i> , 2012, 918, 1-7.	0.4	2
18	Power in isolation: insights from single cells. <i>Nature Reviews Microbiology</i> , 2020, 18, 364-364.	13.6	2

#	ARTICLE	IF	CITATIONS
19	First Plant Cell Atlas symposium report. Plant Direct, 2022, 6, .	0.8	1