

Craig A Schenck

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

522
citations

1040056

9
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

720
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural variation meets synthetic biology: Promiscuous trichome-expressed acyltransferases from <i>Nicotiana</i> . <i>Plant Physiology</i> , 2022, 190, 146-164.	4.8	3
2	Using interdisciplinary, phylogeny-guided approaches to understand the evolution of plant metabolism. <i>Plant Molecular Biology</i> , 2021, , 1.	3.9	7
3	Location, location! cellular relocalization primes specialized metabolic diversification. <i>FEBS Journal</i> , 2020, 287, 1359-1368.	4.7	25
4	Within- and cross-species predictions of plant specialized metabolism genes using transfer learning. In <i>Silico Plants</i> , 2020, 2, diaa005.	1.9	10
5	Role of cytosolic, tyrosine-insensitive prephenate dehydrogenase in <i>Medicago truncatula</i> . <i>Plant Direct</i> , 2020, 4, e00218.	1.9	7
6	Evolution of a plant gene cluster in Solanaceae and emergence of metabolic diversity. <i>ELife</i> , 2020, 9, .	6.0	47
7	Robust predictions of specialized metabolism genes through machine learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2344-2353.	7.1	79
8	Homeostasis of branched-chain amino acids is critical for the activity of TOR signaling in <i>Arabidopsis</i> . <i>ELife</i> , 2019, 8, .	6.0	74
9	Tyrosine biosynthesis, metabolism, and catabolism in plants. <i>Phytochemistry</i> , 2018, 149, 82-102.	2.9	137
10	Molecular basis of the evolution of alternative tyrosine biosynthetic routes in plants. <i>Nature Chemical Biology</i> , 2017, 13, 1029-1035.	8.0	42
11	Conserved Molecular Mechanism of TyrA Dehydrogenase Substrate Specificity Underlying Alternative Tyrosine Biosynthetic Pathways in Plants and Microbes. <i>Frontiers in Molecular Biosciences</i> , 2017, 4, 73.	3.5	13
12	Non-plastidic, tyrosine-insensitive prephenate dehydrogenases from legumes. <i>Nature Chemical Biology</i> , 2015, 11, 52-57.	8.0	50
13	A proteomics approach identifies novel proteins involved in gravitropic signal transduction. <i>American Journal of Botany</i> , 2013, 100, 194-202.	1.7	22