Nathan D Tivendale

List of Publications by Year
in descending order

15	488	1163117 8	1058476 14
papers	citations	h-index	g-index

16	16	16	785
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The shifting paradigms of auxin biosynthesis. Trends in Plant Science, 2014, 19, 44-51.	8.8	148
2	Auxin Biosynthesis in Pea: Characterization of the Tryptamine Pathway Â Â. Plant Physiology, 2009, 151, 1130-1138.	4.8	82
3	Biosynthesis of the Halogenated Auxin, 4-Chloroindole-3-Acetic Acid Â Â. Plant Physiology, 2012, 159, 1055-1063.	4.8	69
4	Reassessing the Role of N-Hydroxytryptamine in Auxin Biosynthesis. Plant Physiology, 2010, 154, 1957-1965.	4.8	59
5	The number of catalytic cycles in an enzymeâ€™s lifetime and why it matters to metabolic engineering. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	41
6	Enzymes as Parts in Need of Replacement â€“ and How to Extend Their Working Life. Trends in Plant Science, 2020, 25, 661-669.	8.8	20
7	Analytical History of Auxin. Journal of Plant Growth Regulation, 2015, 34, 708-722.	5.1	18
8	How is auxin linked with cellular energy pathways to promote growth?. New Phytologist, 2022, 233, 2397-2404.	7.3	17
9	Knockdown of Succinate Dehydrogenase Assembly Factor 2 Induces Reactive Oxygen Speciesâ€“Mediated Auxin Hypersensitivity Causing pH-Dependent Root Elongation. Plant and Cell Physiology, 2021, 62, 1185-1198.	3.1	9
10	Reassessing the role of YUCCAs in auxin biosynthesis. Plant Signaling and Behavior, 2011, 6, 437-439.	2.4	7
11	In vivo homopropargylglycine incorporation enables sampling, isolation and characterization of nascent proteins from Arabidopsis thaliana. Plant Journal, 2021, 107, 1260-1276.	5.7	7
12	Analysis of the Enolâ€“Keto Tautomers of Indole-3-pyruvic Acid. Australian Journal of Chemistry, 2015, 68, 345.	0.9	5
13	Extraction, purification, methylation and GCâ€“MS analysis of short-chain carboxylic acids for metabolic flux analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1028, 165-174.	2.3	4
14	A mutation affecting the synthesis of 4-chloroindole-3-acetic acid. Plant Signaling and Behavior, 2012, 7, 1533-1536.	2.4	1
15	Analysis of plant enzymes as consumable parts for synthetic biology. , 2020, , .		0