

# Nathan D Tivendale

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2475281/publications.pdf>

Version: 2024-02-01

15  
papers

488  
citations

1163117

8  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

785  
citing authors

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