

# Margaret H Frank

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6352770/publications.pdf>

Version: 2024-02-01

19  
papers

7,973  
citations

623734

14  
h-index

940533

16  
g-index

27  
all docs

27  
docs citations

27  
times ranked

5383  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | TBtools: An Integrative Toolkit Developed for Interactive Analyses of Big Biological Data. <i>Molecular Plant</i> , 2020, 13, 1194-1202.  | 8.3 | 7,081     |
| 2  | Rootstocks: Diversity, Domestication, and Impacts on Shoot Phenotypes. <i>Trends in Plant Science</i> , 2016, 21, 418-437.  | 8.8 | 328       |
| 3  | Plant chimeras: The good, the bad, and the "Bizzaria"™. <i>Developmental Biology</i> , 2016, 419, 41-53.  | 2.0 | 81        |
| 4  | Transcriptomic Evidence for the Evolution of Shoot Meristem Function in Sporophyte-Dominant Land Plants through Concerted Selection of Ancestral Gametophytic and Sporophytic Genetic Programs. <i>Molecular Biology and Evolution</i> , 2015, 32, 355-367. | 8.9 | 63        |
| 5  | Topological Data Analysis as a Morphometric Method: Using Persistent Homology to Demarcate a Leaf Morphospace. <i>Frontiers in Plant Science</i> , 2018, 9, 553.  | 3.6 | 62        |
| 6  | Dissecting the molecular signatures of apical cell-type shoot meristems from two ancient land plant lineages. <i>New Phytologist</i> , 2015, 207, 893-904.  | 7.3 | 59        |
| 7  | The Persistent Homology Mathematical Framework Provides Enhanced Genotype-to-Phenotype Associations for Plant Morphology. <i>Plant Physiology</i> , 2018, 177, 1382-1395.   | 4.8 | 52        |
| 8  | Connecting the pieces: uncovering the molecular basis for long-distance communication through plant grafting. <i>New Phytologist</i> , 2019, 223, 582-589.  | 7.3 | 46        |
| 9  | Cell-specific transcriptomic analyses of three-dimensional shoot development in the moss <i>Physcomitrella patens</i> . <i>Plant Journal</i> , 2015, 83, 743-751.   | 5.7 | 39        |
| 10 | Plasmodesmata in phloem: different gateways for different cargoes. <i>Current Opinion in Plant Biology</i> , 2018, 43, 119-124.   | 7.1 | 33        |
| 11 | Composite modeling of leaf shape along shoots discriminates <i>Vitis</i> species better than individual leaves. <i>Applications in Plant Sciences</i> , 2020, 8, e11404.  | 2.1 | 29        |
| 12 | Vein-to-blade ratio is an allometric indicator of leaf size and plasticity. <i>American Journal of Botany</i> , 2021, 108, 571-579.   | 1.7 | 28        |
| 13 | Gene regulatory networks for compatible versus incompatible grafts identify a role for SIWOX4 during junction formation. <i>Plant Cell</i> , 2022, 34, 535-556.   | 6.6 | 24        |
| 14 | Getting to the root of grafting-induced traits. <i>Current Opinion in Plant Biology</i> , 2021, 59, 101988.   | 7.1 | 19        |
| 15 | Growing a glue factory: Open questions in laticifer development. <i>Current Opinion in Plant Biology</i> , 2021, 64, 102096.  | 7.1 | 8         |
| 16 | Quantitative dissection of color patterning in the foliar ornamental coleus. <i>Plant Physiology</i> , 2021, 187, 1310-1324.  | 4.8 | 7         |
| 17 | The evolutionary history of small RNAs in Solanaceae. <i>Plant Physiology</i> , 0, , .  | 4.8 | 7         |
| 18 | Blake C. Meyers. <i>Plant Cell</i> , 2018, 30, 1375-1377.   | 6.6 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | James A. Birchler. <i>Plant Cell</i> , 2019, 31, 2277-2280. | 6.6 | 0         |