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| **S2 Table:** Number of articles examined by journal in plant science |
| **Journal** | **Articles Screened**(n = 502) | **Original Research Articles**(n = 377, 75%) | **Included Articles**(n = 257, 51%) |
| Nature Plants | 13 | 3 (23%) | 0 |
| Molecular Plant | 14 | 7 (50%) | 6 (43%) |
| Plant Cell \* | 15 | 9 (60%) | 8 (53%) |
| Plant Biotechnology Journal | 12 | 10 (83%) | 6 (50%) |
| New Phytologist | 73 | 53 (73%) | 31 (42%) |
| Plant Physiology | 39 | 34 (87%) | 27 (69%) |
| Plant Cell and Environment | 14 | 11 (79%) | 7 (50%) |
| Plant Journal | 31 | 24 (77%) | 19 (61%) |
| Journal of Experimental Botany | 74 | 55 (74%) | 41 (55%) |
| Journal of Ecology \*\* | 0 |  |  |
| Plant and Cell Physiology | 21 | 13 (62%) | 9 (43%) |
| Molecular Plant Pathology | 21 | 16 (76%) | 15 (71%) |
| Environmental and Experimental Botany | 17 | 17 (100%) | 12 (71%) |
| Molecular Plant – Microbiome Interactions | 8 | 7 (88%) | 4 (50%) |
| Frontiers in Plant Science | 150 | 118 (79%) | 72 (48%) |
| \* This journal was also included on the cell biology list (S3 Table).\*\* No articles from the Journal of Ecology were screened as the journal did not publish an April 2018 issue.Values are n, or n (% of all articles). Screening was performed to exclude articles that were not full-length original research articles (e.g. reviews, editorials, perspectives, commentaries, letters to the editor, short communications, etc.), were not published in April 2018, or did not include eligible images. |