

# David M Goodstein

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32  
papers

22,015  
citations

26  
h-index

38  
g-index

38  
ext. papers

26,569  
ext. citations

26.5  
avg, IF

5.11  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 32 | Chromosome evolution and the genetic basis of agronomically important traits in greater yam.. <i>Nature Communications</i> , <b>2022</b> , 13, 2001   | 17.4 | 2         |
| 31 | Plant Pan-Genomics Comes of Age. <i>Annual Review of Plant Biology</i> , <b>2021</b> , 72, 411-435  | 30.7 | 11        |
| 30 | Gradual polyploid genome evolution revealed by pan-genomic analysis of <i>Brachypodium hybridum</i> and its diploid progenitors. <i>Nature Communications</i> , <b>2020</b> , 11, 3670                  | 17.4 | 22        |
| 29 | Construction and comparison of three reference-quality genome assemblies for soybean. <i>Plant Journal</i> , <b>2019</b> , 100, 1066-1082   | 6.9  | 32        |
| 28 | The <i>Physcomitrella patens</i> chromosome-scale assembly reveals moss genome structure and evolution. <i>Plant Journal</i> , <b>2018</b> , 93, 515-533  | 6.9  | 176       |
| 27 | Extensive gene content variation in the <i>Brachypodium distachyon</i> pan-genome correlates with population structure. <i>Nature Communications</i> , <b>2017</b> , 8, 2184                            | 17.4 | 168       |
| 26 | JBrowse: a dynamic web platform for genome visualization and analysis. <i>Genome Biology</i> , <b>2016</b> , 17, 66   | 18.3 | 393       |
| 25 | The BioMart community portal: an innovative alternative to large, centralized data repositories. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, W589-98  | 20.1 | 468       |
| 24 | The genome of <i>Eucalyptus grandis</i> . <i>Nature</i> , <b>2014</b> , 510, 356-62   | 50.4 | 497       |
| 23 | The <i>Chlamydomonas</i> genome project: a decade on. <i>Trends in Plant Science</i> , <b>2014</b> , 19, 672-80   | 13.1 | 112       |
| 22 | A reference genome for common bean and genome-wide analysis of dual domestications. <i>Nature Genetics</i> , <b>2014</b> , 46, 707-13   | 36.3 | 772       |
| 21 | The high-quality draft genome of peach ( <i>Prunus persica</i> ) identifies unique patterns of genetic diversity, domestication and genome evolution. <i>Nature Genetics</i> , <b>2013</b> , 45, 487-94 | 36.3 | 777       |
| 20 | Phytozome: a comparative platform for green plant genomics. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, D1178-86  | 50.1 | 2713      |
| 19 | The genome portal of the Department of Energy Joint Genome Institute. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, D26-32  | 20.1 | 359       |
| 18 | Genome sequence of the palaeopolyploid soybean. <i>Nature</i> , <b>2010</b> , 463, 178-83   | 50.4 | 2997      |
| 17 | The dynamic genome of <i>Hydra</i> . <i>Nature</i> , <b>2010</b> , 464, 592-6   | 50.4 | 613       |
| 16 | The <i>Amphimedon queenslandica</i> genome and the evolution of animal complexity. <i>Nature</i> , <b>2010</b> , 466, 720-6   | 50.4 | 782       |

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|----|---|------|------|
| 15 | The genome of the Western clawed frog <i>Xenopus tropicalis</i> . <i>Science</i> , <b>2010</b> , 328, 633-6   | 33.3 | 579  |
| 14 | The genome of the choanoflagellate <i>Monosiga brevicollis</i> and the origin of metazoans. <i>Nature</i> , <b>2008</b> , 451, 783-8  | 50.4 | 850  |
| 13 | The <i>Chlamydomonas</i> genome reveals the evolution of key animal and plant functions. <i>Science</i> , <b>2007</b> , 318, 245-50   | 33.3 | 1969 |
| 12 | Comparative genomics of the lactic acid bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 15611-6                     | 11.5 | 1053 |
| 11 | The genome of black cottonwood, <i>Populus trichocarpa</i> (Torr. & Gray). <i>Science</i> , <b>2006</b> , 313, 1596-604   | 33.3 | 3205 |
| 10 | The DNA sequence and biology of human chromosome 19. <i>Nature</i> , <b>2004</b> , 428, 529-35  | 50.4 | 216  |
| 9  | The DNA sequence and comparative analysis of human chromosome 5. <i>Nature</i> , <b>2004</b> , 431, 268-74  | 50.4 | 86   |
| 8  | The sequence and analysis of duplication-rich human chromosome 16. <i>Nature</i> , <b>2004</b> , 432, 988-94  | 50.4 | 129  |
| 7  | The genome of the diatom <i>Thalassiosira pseudonana</i> : ecology, evolution, and metabolism. <i>Science</i> , <b>2004</b> , 306, 79-86  | 33.3 | 1586 |
| 6  | The draft genome of <i>Ciona intestinalis</i> : insights into chordate and vertebrate origins. <i>Science</i> , <b>2002</b> , 298, 2157-67  | 33.3 | 1354 |
| 5  | Ethics and peer review. <i>Stem Cells</i> , <b>1995</b> , 13, 574-574   | 5.8  | 2    |
| 4  | PROBING SURFACE LATTICE DYNAMICS WITH HYPERThERMAL ION SCATTERING. <i>Surface Review and Letters</i> , <b>1994</b> , 01, 175-185  | 1.1  | 2    |
| 3  | Limitations of the trajectory approximation in atom-surface scattering. <i>Physical Review Letters</i> , <b>1994</b> , 73, 2768-2771  | 7.4  | 15   |
| 2  | An efficient algorithm for the simulation of hyperthermal energy ion scattering. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , <b>1988</b> , 6, 703-707 | 2.9  | 35   |
| 1  | Chromosome evolution and the genetic basis of agronomically important traits in greater yam   |      | 3    |