David M Goodstein

List of Publications by Citations

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	The genome of black cottonwood, Populus trichocarpa (Torr. & Gray). *Science*, **2006**, 313, 1596-604	33.3	3205
31	Genome sequence of the palaeopolyploid soybean. *Nature*, **2010**, 463, 178-83	50.4	2997
30	Phytozome: a comparative platform for green plant genomics. *Nucleic Acids Research*, **2012**, 40, D1178-86	20.1	2713
29	The Chlamydomonas genome reveals the evolution of key animal and plant functions. *Science*, **2007**, 318, 245-50	33.3	1969
28	The genome of the diatom Thalassiosira pseudonana: ecology, evolution, and metabolism. *Science*, **2004**, 306, 79-86	33.3	1586
27	The draft genome of Ciona intestinalis: insights into chordate and vertebrate origins. *Science*, **2002**, 298, 2157-67	33.3	1354
26	Comparative genomics of the lactic acid bacteria. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 15611-6	11.5	1053
25	The genome of the choanoflagellate Monosiga brevicollis and the origin of metazoans. *Nature*, **2008**, 451, 783-8	50.4	850
24	The Amphimedon queenslandica genome and the evolution of animal complexity. *Nature*, **2010**, 466, 720-6	50.4	782
23	The high-quality draft genome of peach (Prunus persica) identifies unique patterns of genetic diversity, domestication and genome evolution. *Nature Genetics*, **2013**, 45, 487-94	36.3	777
22	A reference genome for common bean and genome-wide analysis of dual domestications. *Nature Genetics*, **2014**, 46, 707-13	36.3	772
21	The dynamic genome of Hydra. *Nature*, **2010**, 464, 592-6	50.4	613
20	The genome of the Western clawed frog Xenopus tropicalis. *Science*, **2010**, 328, 633-6	33.3	579
19	The genome of Eucalyptus grandis. *Nature*, **2014**, 510, 356-62	50.4	497
18	The BioMart community portal: an innovative alternative to large, centralized data repositories. *Nucleic Acids Research*, **2015**, 43, W589-98	20.1	468
17	JBrowse: a dynamic web platform for genome visualization and analysis. *Genome Biology*, **2016**, 17, 66	18.3	393
16	The genome portal of the Department of Energy Joint Genome Institute. *Nucleic Acids Research*, **2012**, 40, D26-32	20.1	359

15	The DNA sequence and biology of human chromosome 19. *Nature*, **2004**, 428, 529-35	50.4	216
14	The Physcomitrella patens chromosome-scale assembly reveals moss genome structure and evolution. *Plant Journal*, **2018**, 93, 515-533	6.9	176
13	Extensive gene content variation in the Brachypodium distachyon pan-genome correlates with population structure. *Nature Communications*, **2017**, 8, 2184	17.4	168
12	The sequence and analysis of duplication-rich human chromosome 16. *Nature*, **2004**, 432, 988-94	50.4	129
11	The Chlamydomonas genome project: a decade on. *Trends in Plant Science*, **2014**, 19, 672-80	13.1	112
10	The DNA sequence and comparative analysis of human chromosome 5. *Nature*, **2004**, 431, 268-74	50.4	86
9	An efficient algorithm for the simulation of hyperthermal energy ion scattering. *Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films*, **1988**, 6, 703-707	2.9	35
8	Construction and comparison of three reference-quality genome assemblies for soybean. *Plant Journal*, **2019**, 100, 1066-1082	6.9	32
7	Gradual polyploid genome evolution revealed by pan-genomic analysis of Brachypodium hybridum and its diploid progenitors. *Nature Communications*, **2020**, 11, 3670	17.4	22
6	Limitations of the trajectory approximation in atom-surface scattering. *Physical Review Letters*, **1994**, 73, 2768-2771	7.4	15
5	Plant Pan-Genomics Comes of Age. *Annual Review of Plant Biology*, **2021**, 72, 411-435	30.7	11
4	Chromosome evolution and the genetic basis of agronomically important traits in greater yam		3
3	Ethics and peer review. *Stem Cells*, **1995**, 13, 574-574	5.8	2
2	PROBING SURFACE LATTICE DYNAMICS WITH HYPERTHERMAL ION SCATTERING. *Surface Review and Letters*, **1994**, 01, 175-185	1.1	2
1	Chromosome evolution and the genetic basis of agronomically important traits in greater yam.. *Nature Communications*, **2022**, 13, 2001	17.4	2