

David M Goodstein

List of Publications by Year in descending order

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31
papers

28,926
citations

186265

28
h-index

395702

33
g-index

38
all docs

38
docs citations

38
times ranked

32800
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytozome: a comparative platform for green plant genomics. <i>Nucleic Acids Research</i> , 2012, 40, D1178-D1186.	14.5	4,204
2	The Genome of Black Cottonwood, <i>Populus trichocarpa</i> (Torr. & Gray). <i>Science</i> , 2006, 313, 1596-1604.	12.6	3,945
3	Genome sequence of the palaeopolyploid soybean. <i>Nature</i> , 2010, 463, 178-183.	27.8	3,854
4	The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. <i>Science</i> , 2007, 318, 245-250.	12.6	2,354
5	The Genome of the Diatom <i>Thalassiosira Pseudonana</i> : Ecology, Evolution, and Metabolism. <i>Science</i> , 2004, 306, 79-86.	12.6	1,862
6	The Draft Genome of <i>Ciona intestinalis</i> : Insights into Chordate and Vertebrate Origins. <i>Science</i> , 2002, 298, 2157-2167.	12.6	1,539
7	Comparative genomics of the lactic acid bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15611-15616.	7.1	1,303
8	A reference genome for common bean and genome-wide analysis of dual domestications. <i>Nature Genetics</i> , 2014, 46, 707-713.	21.4	1,159
9	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> , 2013, 45, 487-494.	21.4	1,031
10	The genome of the choanoflagellate <i>Monosiga brevicollis</i> and the origin of metazoans. <i>Nature</i> , 2008, 451, 783-788.	27.8	1,006
11	The <i>Amphimedon queenslandica</i> genome and the evolution of animal complexity. <i>Nature</i> , 2010, 466, 720-726.	27.8	917
12	The dynamic genome of Hydra. <i>Nature</i> , 2010, 464, 592-596.	27.8	743
13	The genome of <i>Eucalyptus grandis</i> . <i>Nature</i> , 2014, 510, 356-362.	27.8	725
14	The Genome of the Western Clawed Frog <i>Xenopus tropicalis</i> . <i>Science</i> , 2010, 328, 633-636.	12.6	708
15	JBrowse: a dynamic web platform for genome visualization and analysis. <i>Genome Biology</i> , 2016, 17, 66.	8.8	690
16	The BioMart community portal: an innovative alternative to large, centralized data repositories. <i>Nucleic Acids Research</i> , 2015, 43, W589-W598.	14.5	682
17	The Genome Portal of the Department of Energy Joint Genome Institute. <i>Nucleic Acids Research</i> , 2012, 40, D26-D32.	14.5	439
18	The <i>Physcomitrella patens</i> chromosome-scale assembly reveals moss genome structure and evolution. <i>Plant Journal</i> , 2018, 93, 515-533.	5.7	406

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19	The DNA sequence and biology of human chromosome 19. <i>Nature</i> , 2004, 428, 529-535.	27.8	298
20	Extensive gene content variation in the <i>Brachypodium distachyon</i> pan-genome correlates with population structure. <i>Nature Communications</i> , 2017, 8, 2184.	12.8	269
21	The sequence and analysis of duplication-rich human chromosome 16. <i>Nature</i> , 2004, 432, 988-994.	27.8	156
22	The <i>Chlamydomonas</i> genome project: a decade on. <i>Trends in Plant Science</i> , 2014, 19, 672-680.	8.8	145
23	Construction and comparison of three reference-quality genome assemblies for soybean. <i>Plant Journal</i> , 2019, 100, 1066-1082.	5.7	113
24	The DNA sequence and comparative analysis of human chromosome 5. <i>Nature</i> , 2004, 431, 268-274.	27.8	102
25	Gradual polyploid genome evolution revealed by pan-genomic analysis of <i>Brachypodium hybridum</i> and its diploid progenitors. <i>Nature Communications</i> , 2020, 11, 3670.	12.8	67
26	Plant Pan-Genomics Comes of Age. <i>Annual Review of Plant Biology</i> , 2021, 72, 411-435.	18.7	56
27	An efficient algorithm for the simulation of hyperthermal energy ion scattering. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1988, 6, 703-707.	2.1	37
28	Chromosome evolution and the genetic basis of agronomically important traits in greater yam. <i>Nature Communications</i> , 2022, 13, 2001.	12.8	35
29	Limitations of the Trajectory Approximation in Atom-Surface Scattering. <i>Physical Review Letters</i> , 1994, 73, 2768-2771.	7.8	16
30	PROBING SURFACE LATTICE DYNAMICS WITH HYPERTHERMAL ION SCATTERING. <i>Surface Review and Letters</i> , 1994, 01, 175-185.	1.1	2
31	Ethics and peer review. <i>Stem Cells</i> , 1995, 13, 574-574.	3.2	2