

# Jonathan H Dennis

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,634  
citations

567281

15  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2758  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple roles of H2A.Z in regulating promoter chromatin architecture in human cells. <i>Nature Communications</i> , 2021, 12, 2524.	12.8	22
2	Evaluation of procalcitonin-guided antimicrobial stewardship in patients admitted to hospital with COVID-19 pneumonia. <i>JAC-Antimicrobial Resistance</i> , 2021, 3, dlab133.	2.1	18
3	The native cisome and sequence motif families of the maize ear. <i>PLoS Genetics</i> , 2021, 17, e1009689.	3.5	19
4	MNase Profiling of Promoter Chromatin in <i>Salmonella typhimurium</i> -Stimulated GM12878 Cells Reveals Dynamic and Response-Specific Nucleosome Architecture. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 2171-2178.	1.8	1
5	iSeg: an efficient algorithm for segmentation of genomic and epigenomic data. <i>BMC Bioinformatics</i> , 2018, 19, 131.	2.6	9
6	Chromatin structure profile data from DNS-seq: Differential nuclease sensitivity mapping of four reference tissues of B73 maize ( <i>Zea mays</i> L). <i>Data in Brief</i> , 2018, 20, 358-363.	1.0	5
7	Commentary: Epigenetic Regulation of Phosphodiesterases 2A and 3A Underlies Compromised $\beta^2$ -Adrenergic Signaling in an iPSC Model of Dilated Cardiomyopathy. <i>Frontiers in Physiology</i> , 2016, 7, 418.	2.8	5
8	Regulated large-scale nucleosome density patterns and precise nucleosome positioning correlate with V(D)J recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6427-E6436.	7.1	31
9	Label-Free Relative Quantitation of Isobaric and Isomeric Human Histone H2A and H2B Variants by Fourier Transform Ion Cyclotron Resonance Top-Down MS/MS. <i>Journal of Proteome Research</i> , 2016, 15, 3196-3203.	3.7	27
10	Comprehensive nucleosome mapping of the human genome in cancer progression. <i>Oncotarget</i> , 2016, 7, 13429-13445.	1.8	17
11	Hierarchical regulation of the genome: global changes in nucleosome organization potentiate genome response. <i>Oncotarget</i> , 2016, 7, 6460-6475.	1.8	12
12	Stimulation of the <i>Drosophila</i> immune system alters genome-wide nucleosome occupancy. <i>Genomics Data</i> , 2015, 3, 146-147.	1.3	1
13	Nucleosome Repositioning: A Novel Mechanism for Nicotine- and Cocaine-Induced Epigenetic Changes. <i>PLoS ONE</i> , 2015, 10, e0139103.	2.5	11
14	DNA-Encoded Chromatin Structural Intron Boundary Signals Identify Conserved Genes with Common Function. <i>International Journal of Genomics</i> , 2015, 2015, 1-10.	1.6	3
15	BAF250a Protein Regulates Nucleosome Occupancy and Histone Modifications in Priming Embryonic Stem Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2015, 290, 19343-19352.	3.4	55
16	Differential Nuclease Sensitivity Profiling of Chromatin Reveals Biochemical Footprints Coupled to Gene Expression and Functional DNA Elements in Maize. <i>Plant Cell</i> , 2014, 26, 3883-3893.	6.6	72
17	Changes in nucleosome occupancy occur in a chromosome specific manner. <i>Genomics Data</i> , 2014, 2, 114-116.	1.3	3
18	The spring-loaded genome: Nucleosome redistributions are widespread, transient, and DNA-directed. <i>Genome Research</i> , 2014, 24, 251-259.	5.5	28

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19	Topologically associating domains are stable units of replication-timing regulation. <i>Nature</i> , 2014, 515, 402-405.	27.8	779
20	Chromatin patterns associated with lung adenocarcinoma progression. <i>Cell Cycle</i> , 2013, 12, 1536-1543.	2.6	18
21	Genome-Wide Prediction of Nucleosome Occupancy in Maize Reveals Plant Chromatin Structural Features at Genes and Other Elements at Multiple Scales. <i>Plant Physiology</i> , 2013, 162, 1127-1141.	4.8	24
22	Chromatin-interaction compartment switch at developmentally regulated chromosomal domains reveals an unusual principle of chromatin folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12574-12579.	7.1	59
23	Pre-replication complex proteins assemble at regions of low nucleosome occupancy within the Chinese hamster dihydrofolate reductase initiation zone. <i>Nucleic Acids Research</i> , 2011, 39, 3141-3155.	14.5	61
24	Predicting Human Nucleosome Occupancy from Primary Sequence. <i>PLoS Computational Biology</i> , 2008, 4, e1000134.	3.2	111
25	Independent and complementary methods for large-scale structural analysis of mammalian chromatin. <i>Genome Research</i> , 2007, 17, 928-939.	5.5	38
26	Expression of the Brn-3b Transcription Factor Correlates with Expression of HSP-27 in Breast Cancer Biopsies and Is Required for Maximal Activation of the HSP-27 Promoter. <i>Cancer Research</i> , 2005, 65, 3072-3080.	0.9	203
27	Functional interaction between Brn-3a and Src-1 co-activates Brn-3a-mediated transactivation. <i>Biochemical and Biophysical Research Communications</i> , 2002, 294, 487-495.	2.1	2