

Aaron M Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,217
citations

623734

14
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

1903
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing RNA-RNA interactions remodels lncRNA structure and promotes PRC2 activity. <i>Science Advances</i> , 2021, 7, .	10.3	24
2	Identification of m ⁶ A residues at single-nucleotide resolution using eCLIP and an accessible custom analysis pipeline. <i>Rna</i> , 2021, 27, 527-541.	3.5	10
3	RNA matchmaking in chromatin regulation. <i>Biochemical Society Transactions</i> , 2020, 48, 2467-2481.	3.4	6
4	Proteomic profiling of yeast heterochromatin connects direct physical and genetic interactions. <i>Current Genetics</i> , 2019, 65, 495-505.	1.7	3
5	The interplay of histone H2B ubiquitination with budding and fission yeast heterochromatin. <i>Current Genetics</i> , 2018, 64, 799-806.	1.7	9
6	Exploring the mechanisms behind long noncoding RNAs and cancer. <i>Non-coding RNA Research</i> , 2018, 3, 108-117.	4.6	237
7	Recruitment and allosteric stimulation of a histone-deubiquitinating enzyme during heterochromatin assembly. <i>Journal of Biological Chemistry</i> , 2018, 293, 2498-2509.	3.4	9
8	TDP-43 and RNA form amyloid-like myo-granules in regenerating muscle. <i>Nature</i> , 2018, 563, 508-513.	27.8	163
9	SILAC-MS Profiling of Reconstituted Human Chromatin Platforms for the Study of Transcription and RNA Regulation. <i>Journal of Proteome Research</i> , 2018, 17, 3475-3484.	3.7	2
10	Global profiling of hnRNP A2/B1-RNA binding on chromatin highlights lncRNA interactions. <i>RNA Biology</i> , 2018, 15, 901-913.	3.1	32
11	Clipping of arginine-methylated histone tails by JMJD5 and JMJD7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7717-E7726.	7.1	48
12	An RNA matchmaker protein regulates the activity of the long noncoding RNA HOTAIR. <i>Rna</i> , 2016, 22, 995-1010.	3.5	55
13	Distinct Cellular Assembly Stoichiometry of Polycomb Complexes on Chromatin Revealed by Single-molecule Chromatin Immunoprecipitation Imaging. <i>Journal of Biological Chemistry</i> , 2015, 290, 28038-28054.	3.4	13
14	Heterochromatic Gene Silencing by Activator Interference and a Transcription Elongation Barrier*. <i>Journal of Biological Chemistry</i> , 2013, 288, 28771-28782.	3.4	26
15	Heterochromatin protein Sir3 induces contacts between the amino terminus of histone H4 and nucleosomal DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8495-8500.	7.1	57
16	Recombinational Repair within Heterochromatin Requires ATP-Dependent Chromatin Remodeling. <i>Cell</i> , 2009, 138, 1109-1121.	28.9	73
17	Reconstitution of Heterochromatin-Dependent Transcriptional Gene Silencing. <i>Molecular Cell</i> , 2009, 35, 769-781.	9.7	77
18	Motion of a DNA Sliding Clamp Observed by Single Molecule Fluorescence Spectroscopy. <i>Journal of Biological Chemistry</i> , 2008, 283, 22895-22906.	3.4	45

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19	Characterization of a Triple DNA Polymerase Replisome. <i>Molecular Cell</i> , 2007, 27, 527-538.	9.7	174
20	Mechanism of Proliferating Cell Nuclear Antigen Clamp Opening by Replication Factor C. <i>Journal of Biological Chemistry</i> , 2006, 281, 17528-17539.	3.4	66
21	The Replication Factor C Clamp Loader Requires Arginine Finger Sensors to Drive DNA Binding and Proliferating Cell Nuclear Antigen Loading. <i>Journal of Biological Chemistry</i> , 2006, 281, 35531-35543.	3.4	67
22	Sticking and sliding along DNA: Simulations and Single Molecule Observations of a DNA Sliding Clamp.. <i>FASEB Journal</i> , 2006, 20, LB56.	0.5	0
23	RNA-binding proteins direct myogenic cell fate decisions. <i>ELife</i> , 0, 11, .	6.0	7