

# M Jordan Rowley

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

3,204  
citations

361413

20  
h-index

454955

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

4724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organizational principles of 3D genome architecture. <i>Nature Reviews Genetics</i> , 2018, 19, 789-800.	16.3	832
2	Evolutionarily Conserved Principles Predict 3D Chromatin Organization. <i>Molecular Cell</i> , 2017, 67, 837-852.e7.	9.7	458
3	Widespread long-range cis-regulatory elements in the maize genome. <i>Nature Plants</i> , 2019, 5, 1237-1249.	9.3	250
4	A SWI/SNF Chromatin-Remodeling Complex Acts in Noncoding RNA-Mediated Transcriptional Silencing. <i>Molecular Cell</i> , 2013, 49, 298-309.	9.7	178
5	Spatial and functional relationships among Pol V-associated loci, Pol IV-dependent siRNAs, and cytosine methylation in the <i>Arabidopsis</i> epigenome. <i>Genes and Development</i> , 2012, 26, 1825-1836.	5.9	137
6	A Dicer-Independent Route for Biogenesis of siRNAs that Direct DNA Methylation in <i>Arabidopsis</i> . <i>Molecular Cell</i> , 2016, 61, 222-235.	9.7	134
7	Different enhancer classes in <i>Drosophila</i> bind distinct architectural proteins and mediate unique chromatin interactions and 3D architecture. <i>Nucleic Acids Research</i> , 2017, 45, 1714-1730.	14.5	133
8	Immediate and deferred epigenomic signatures of in vivo neuronal activation in mouse hippocampus. <i>Nature Neuroscience</i> , 2019, 22, 1718-1730.	14.8	114
9	The three-dimensional genome: principles and roles of long-distance interactions. <i>Current Opinion in Cell Biology</i> , 2016, 40, 8-14.	5.4	113
10	Condensin II Counteracts Cohesin and RNA Polymerase II in the Establishment of 3D Chromatin Organization. <i>Cell Reports</i> , 2019, 26, 2890-2903.e3.	6.4	97
11	RNA-directed DNA methylation requires stepwise binding of silencing factors to long non-coding RNA. <i>Plant Journal</i> , 2014, 79, 181-191.	5.7	83
12	Maintenance of CTCF- and Transcription Factor-Mediated Interactions from the Gametes to the Early Mouse Embryo. <i>Molecular Cell</i> , 2019, 75, 154-171.e5.	9.7	81
13	Long non-coding RNA produced by RNA polymerase V determines boundaries of heterochromatin. <i>ELife</i> , 2016, 5, .	6.0	76
14	Analysis of Hi-C data using SIP effectively identifies loops in organisms from <i>C. elegans</i> to mammals. <i>Genome Research</i> , 2020, 30, 447-458.	5.5	70
15	Epigenetic regulation of <i>Plasmodium falciparum</i> clonally variant gene expression during development in <i>Anopheles gambiae</i> . <i>Scientific Reports</i> , 2017, 7, 40655.	3.3	69
16	Independent Chromatin Binding of ARGONAUTE4 and SPT5L/KTF1 Mediates Transcriptional Gene Silencing. <i>PLoS Genetics</i> , 2011, 7, e1002120.	3.5	62
17	Architectural Proteins and Pluripotency Factors Cooperate to Orchestrate the Transcriptional Response of hESCs to Temperature Stress. <i>Molecular Cell</i> , 2018, 71, 940-955.e7.	9.7	62
18	RNA polymerase V targets transcriptional silencing components to promoters of protein-coding genes. <i>Plant Journal</i> , 2013, 73, 179-189.	5.7	61

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19	Long-range control of gene expression via RNA-directed DNA methylation. <i>PLoS Genetics</i> , 2017, 13, e1006749.	3.5	33
20	Ecdysone-Induced 3D Chromatin Reorganization Involves Active Enhancers Bound by Pipsqueak and Polycomb. <i>Cell Reports</i> , 2019, 28, 2715-2727.e5.	6.4	32
21	Analysis of long non-coding RNAs produced by a specialized RNA polymerase in <i>Arabidopsis thaliana</i> . <i>Methods</i> , 2013, 63, 160-169.	3.8	31
22	The inhibition of LSD1 via sequestration contributes to tau-mediated neurodegeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29133-29143.	7.1	24
23	Sex-specific multi-level 3D genome dynamics in the mouse brain. <i>Nature Communications</i> , 2022, 13, .	12.8	15
24	Evolutionary History and Activity of RNase H1-Like Proteins in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2020, 61, 1107-1119.	3.1	12
25	Implications of Dosage Deficiencies in CTCF and Cohesin on Genome Organization, Gene Expression, and Human Neurodevelopment. <i>Genes</i> , 2022, 13, 583.	2.4	10
26	Ecdysoneless Protein Regulates Viral and Cellular mRNA Splicing to Promote Cervical Oncogenesis. <i>Molecular Cancer Research</i> , 2022, 20, 305-318.	3.4	6
27	Capturing native interactions: intrinsic methods to study chromatin conformation. <i>Molecular Systems Biology</i> , 2016, 12, 897.	7.2	4
28	Minute-Made Data Analysis: Tools for Rapid Interrogation of Hi-C Contacts. <i>Molecular Cell</i> , 2016, 64, 9-11.	9.7	4
29	Elevating SOX2 Downregulates MYC through a SOX2:MYC Signaling Axis and Induces a Slowly Cycling Proliferative State in Human Tumor Cells. <i>Cancers</i> , 2022, 14, 1946.	3.7	4
30	Analysis of Chromatin Interactions Mediated by Specific Architectural Proteins in <i>Drosophila</i> Cells. <i>Methods in Molecular Biology</i> , 2018, 1766, 239-256.	0.9	1
31	Somatic Diversification of Rearranged Antibody Gene Segments by Intra- and Interchromosomal Templated Mutagenesis. <i>Journal of Immunology</i> , 2022, , ji2100434.	0.8	0