

Sergei Nechaev

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

2,814
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

3175
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA polymerase stalling at developmental control genes in the <i>Drosophila melanogaster</i> embryo. <i>Nature Genetics</i> , 2007, 39, 1512-1516.	21.4	671
2	RNA polymerase is poised for activation across the genome. <i>Nature Genetics</i> , 2007, 39, 1507-1511.	21.4	661
3	Global Analysis of Short RNAs Reveals Widespread Promoter-Proximal Stalling and Arrest of Pol II in <i>Drosophila</i> . <i>Science</i> , 2010, 327, 335-338.	12.6	373
4	NELF-mediated stalling of Pol II can enhance gene expression by blocking promoter-proximal nucleosome assembly. <i>Genes and Development</i> , 2008, 22, 1921-1933.	5.9	256
5	Pol II waiting in the starting gates: Regulating the transition from transcription initiation into productive elongation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2011, 1809, 34-45.	1.9	217
6	Bidirectional Transcription Arises from Two Distinct Hubs of Transcription Factor Binding and Active Chromatin. <i>Molecular Cell</i> , 2015, 58, 1101-1112.	9.7	204
7	Stable Pausing by RNA Polymerase II Provides an Opportunity to Target and Integrate Regulatory Signals. <i>Molecular Cell</i> , 2013, 52, 517-528.	9.7	203
8	Promoter-proximal Pol II: When stalling speeds things up. <i>Cell Cycle</i> , 2008, 7, 1539-1544.	2.6	74
9	The Histone Deacetylase SIRT6 Restrains Transcription Elongation via Promoter-Proximal Pausing. <i>Molecular Cell</i> , 2019, 75, 683-699.e7.	9.7	50
10	PARP-1/2 Inhibitor Olaparib Prevents or Partially Reverts EMT Induced by TGF- β^2 in NMuMG Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 518.	4.1	30
11	RNA polymerase II pausing can be retained or acquired during activation of genes involved in the epithelial to mesenchymal transition. <i>Nucleic Acids Research</i> , 2015, 43, 3938-3949.	14.5	24
12	Epigenetic Modulation of Microglial Inflammatory Gene Loci in Helminth-Induced Immune Suppression. <i>ASN Neuro</i> , 2015, 7, 175909141559212.	2.7	20
13	RNA polymerase II pausing as a context-dependent reader of the genome. <i>Biochemistry and Cell Biology</i> , 2016, 94, 82-92.	2.0	19
14	Genome-wide RNA pol II initiation and pausing in neural progenitors of the rat. <i>BMC Genomics</i> , 2019, 20, 477.	2.8	8
15	Analysis of paired end Pol II ChIP-seq and short capped RNA-seq in MCF-7 cells. <i>Genomics Data</i> , 2015, 5, 263-267.	1.3	3
16	Targeting the Transcriptome Through Globally Acting Components. <i>Frontiers in Genetics</i> , 2021, 12, 749850.	2.3	1