

Matjaz Barboric

List of Publications by Year in descending order

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24
papers

2,077
citations

331670

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610901

24
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docs citations

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times ranked

2359
citing authors

#	ARTICLE	IF	CITATIONS
1	The Interlocking Lives of LARP7: Fine-Tuning Transcription, RNA Modification, and Splicing through Multiple Non-coding RNAs. <i>Molecular Cell</i> , 2020, 78, 5-8.	9.7	6
2	P-TEFb Activation by RBM7 Shapes a Pro-survival Transcriptional Response to Genotoxic Stress. <i>Molecular Cell</i> , 2019, 74, 254-267.e10.	9.7	73
3	Cracking the control of RNA polymerase II elongation by 7SK snRNP and P-TEFb. <i>Nucleic Acids Research</i> , 2016, 44, 7527-7539.	14.5	104
4	Influenza virus NS1 protein binds cellular DNA to block transcription of antiviral genes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1440-1448.	1.9	29
5	The two sides of Tat. <i>ELife</i> , 2016, 5, e12686.	6.0	7
6	Ovarian carcinoma CDK12 mutations misregulate expression of DNA repair genes via deficient formation and function of the Cdk12/CycK complex. <i>Nucleic Acids Research</i> , 2015, 43, 2575-2589.	14.5	107
7	Mutual relationships between transcription and pre-mRNA processing in the synthesis of mRNA. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 139-154.	6.4	11
8	PKC phosphorylates HEXIM1 and regulates P-TEFb activity. <i>Nucleic Acids Research</i> , 2012, 40, 9160-9170.	14.5	43
9	Cap-binding Protein Complex Links Pre-mRNA Capping to Transcription Elongation and Alternative Splicing through Positive Transcription Elongation Factor b (P-TEFb). <i>Journal of Biological Chemistry</i> , 2011, 286, 22758-22768.	3.4	64
10	Kick-sTARTing HIV-1 transcription elongation by 7SK snRNP dephosphorylation. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 928-930.	8.2	23
11	P-TEFb stimulates transcription elongation and pre-mRNA splicing through multilateral mechanisms. <i>RNA Biology</i> , 2010, 7, 145-150.	3.1	51
12	7SK snRNP/P-TEFb couples transcription elongation with alternative splicing and is essential for vertebrate development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7798-7803.	7.1	146
13	Structure of the Cyclin T binding domain of Hexim1 and molecular basis for its recognition of P-TEFb. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14312-14317.	7.1	55
14	HMBA Releases P-TEFb from HEXIM1 and 7SK snRNA via PI3K/Akt and Activates HIV Transcription. <i>PLoS Pathogens</i> , 2007, 3, e146.	4.7	182
15	Tat competes with HEXIM1 to increase the active pool of P-TEFb for HIV-1 transcription. <i>Nucleic Acids Research</i> , 2007, 35, 2003-2012.	14.5	162
16	Interplay between 7SK snRNA and oppositely charged regions in HEXIM1 direct the inhibition of P-TEFb. <i>EMBO Journal</i> , 2005, 24, 4291-4303.	7.8	93
17	A New Paradigm in Eukaryotic Biology: HIV Tat and the Control of Transcriptional Elongation. <i>PLoS Biology</i> , 2005, 3, e76.	5.6	84
18	Ubiquitylation of Cdk9 by Skp2 Facilitates Optimal Tat Transactivation. <i>Journal of Virology</i> , 2005, 79, 11135-11141.	3.4	24

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19	Identification of a Cyclin T-Binding Domain in Hexim1 and Biochemical Analysis of Its Binding Competition with HIV-1 Tat. <i>Journal of Biological Chemistry</i> , 2005, 280, 24968-24977.	3.4	104
20	Oligomerization of HEXIM1 via 7SK snRNA and coiled-coil region directs the inhibition of P-TEFb. <i>Nucleic Acids Research</i> , 2005, 33, 7000-7010.	14.5	61
21	A model of repression: CTD analogs and PIE-1 inhibit transcriptional elongation by P-TEFb. <i>Genes and Development</i> , 2003, 17, 748-758.	5.9	104
22	NF- κ B Binds P-TEFb to Stimulate Transcriptional Elongation by RNA Polymerase II. <i>Molecular Cell</i> , 2001, 8, 327-337.	9.7	399
23	Binding of Tat to TAR and Recruitment of Positive Transcription Elongation Factor b Occur Independently in Bovine Immunodeficiency Virus. <i>Journal of Virology</i> , 2000, 74, 6039-6044.	3.4	25
24	Tat Transactivation: A Model for the Regulation of Eukaryotic Transcriptional Elongation. <i>Virology</i> , 1999, 264, 245-253.	2.4	119