

Stephane Larochelle

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,560
citations

411340

20
h-index

721071

23
g-index

25
all docs

25
docs citations

25
times ranked

3828
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of the p53 Transcriptional Program Sensitizes Cancer Cells to Cdk7 Inhibitors. <i>Cell Reports</i> , 2017, 21, 467-481.	2.9	65
2	P-TEFb regulation of transcription termination factor Xrn2 revealed by a chemical genetic screen for Cdk9 substrates. <i>Genes and Development</i> , 2016, 30, 117-131.	2.7	105
3	STOMPing at the bits. <i>Nature Methods</i> , 2015, 12, 1114-1114.	9.0	2
4	RNA catch and release. <i>Nature Methods</i> , 2015, 12, 813-813.	9.0	0
5	A Cdk7-Cdk4 T-Loop Phosphorylation Cascade Promotes G1 Progression. <i>Molecular Cell</i> , 2013, 50, 250-260.	4.5	115
6	Chemical Genetics Reveals a Specific Requirement for Cdk2 Activity in the DNA Damage Response and Identifies Nbs1 as a Cdk2 Substrate in Human Cells. <i>PLoS Genetics</i> , 2012, 8, e1002935.	1.5	54
7	Separate Domains of Fission Yeast Cdk9 (P-TEFb) Are Required for Capping Enzyme Recruitment and Primed (Ser7-Phosphorylated) Rpb1 Carboxyl-Terminal Domain Substrate Recognition. <i>Molecular and Cellular Biology</i> , 2012, 32, 2372-2383.	1.1	32
8	Cyclin-dependent kinase control of the initiation-to-elongation switch of RNA polymerase II. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1108-1115.	3.6	556
9	TFIIF-Associated Cdk7 Kinase Functions in Phosphorylation of C-Terminal Domain Ser7 Residues, Promoter-Proximal Pausing, and Termination by RNA Polymerase II. <i>Molecular and Cellular Biology</i> , 2009, 29, 5455-5464.	1.1	274
10	p27 ^{Kip1} Inhibits Cyclin D-Cyclin-Dependent Kinase 4 by Two Independent Modes. <i>Molecular and Cellular Biology</i> , 2009, 29, 986-999.	1.1	107
11	Hyperphosphorylation of RNA Polymerase II in Response to Topoisomerase I Cleavage Complexes and Its Association with Transcription- and BRCA1-dependent Degradation of Topoisomerase I. <i>Journal of Molecular Biology</i> , 2008, 381, 540-549.	2.0	55
12	Distinct Activation Pathways Confer Cyclin-Binding Specificity on Cdk1 and Cdk2 in Human Cells. <i>Molecular Cell</i> , 2008, 32, 662-672.	4.5	78
13	Chemical genetics reveals the requirement for Polo-like kinase 1 activity in positioning RhoA and triggering cytokinesis in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4383-4388.	3.3	228
14	Requirements for Cdk7 in the Assembly of Cdk1/Cyclin B and Activation of Cdk2 Revealed by Chemical Genetics in Human Cells. <i>Molecular Cell</i> , 2007, 25, 839-850.	4.5	221
15	Dichotomous but stringent substrate selection by the dual-function Cdk7 complex revealed by chemical genetics. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 55-62.	3.6	86
16	The Cyclin-Dependent Kinase (CDK) Family Member PNQALRE/CCRK Supports Cell Proliferation but has no Intrinsic CDK-Activating Kinase (CAK) Activity. <i>Cell Cycle</i> , 2006, 5, 546-554.	1.3	53
17	CDK-Activating Kinases: Detection and Activity Measurements. , 2005, 296, 279-290.		4
18	Xpd/Ercc2 regulates CAK activity and mitotic progression. <i>Nature</i> , 2003, 424, 228-232.	13.7	114

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19	Cdk7 Is Required for Full Activation of Drosophila Heat Shock Genes and RNA Polymerase II Phosphorylation In Vivo. <i>Molecular and Cellular Biology</i> , 2003, 23, 6876-6886.	1.1	61
20	The Drosophila <i>chk2</i> Gene <i>loki</i> Is Essential for Embryonic DNA Double-Strand-Break Checkpoints Induced in S Phase or G2. <i>Genetics</i> , 2003, 163, 973-982.	1.2	40
21	T-loop phosphorylation stabilizes the CDK7-cyclin H-MAT1 complex in vivo and regulates its CTD kinase activity. <i>EMBO Journal</i> , 2001, 20, 3749-3759.	3.5	112
22	Cdk7 is essential for mitosis and for in vivo Cdk-activating kinase activity. <i>Genes and Development</i> , 1998, 12, 370-381.	2.7	169
23	Molecular cloning of the Drosophila homologue of the rat ribosomal protein L11 gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1261, 147-150.	2.4	6
24	The Drosophila melanogaster homolog of the mammalian MAPK-activated protein kinase-2 (MAPKAPK-2) lacks a proline-rich N terminus. <i>Gene</i> , 1995, 163, 209-214.	1.0	21
25	Partial activation of surf clam oocytes by hypertonic treatment.. <i>Cell Biology International</i> , 1993, 17, 35-44.	1.4	2