Stephane Larochelle

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4595043/publications.pdf

Version: 2024-02-01

25 papers	2,560 citations	361413 20 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	3477 citing authors

#	Article	IF	Citations
1	Activation of the p53 Transcriptional Program Sensitizes Cancer Cells to Cdk7 Inhibitors. Cell Reports, 2017, 21, 467-481.	6.4	65
2	P-TEFb regulation of transcription termination factor Xrn2 revealed by a chemical genetic screen for Cdk9 substrates. Genes and Development, 2016, 30, 117-131.	5.9	105
3	STOMPing at the bits. Nature Methods, 2015, 12, 1114-1114.	19.0	2
4	RNA catch and release. Nature Methods, 2015, 12, 813-813.	19.0	0
5	A Cdk7-Cdk4 T-Loop Phosphorylation Cascade Promotes G1 Progression. Molecular Cell, 2013, 50, 250-260.	9.7	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. PLoS Genetics, 2012, 8, e1002935.	3.5	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. Molecular and Cellular Biology, 2012, 32, 2372-2383.	2.3	32
8	Cyclin-dependent kinase control of the initiation-to-elongation switch of RNA polymerase II. Nature Structural and Molecular Biology, 2012, 19, 1108-1115.	8.2	556
9	TFIIH-Associated Cdk7 Kinase Functions in Phosphorylation of C-Terminal Domain Ser7 Residues, Promoter-Proximal Pausing, and Termination by RNA Polymerase II. Molecular and Cellular Biology, 2009, 29, 5455-5464.	2.3	274
10	p27^{Kip1} Inhibits Cyclin D-Cyclin-Dependent Kinase 4 by Two Independent Modes. Molecular and Cellular Biology, 2009, 29, 986-999.	2.3	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. Journal of Molecular Biology, 2008, 381, 540-549.	4.2	55
12	Distinct Activation Pathways Confer Cyclin-Binding Specificity on Cdk1 and Cdk2 in Human Cells. Molecular Cell, 2008, 32, 662-672.	9.7	78
13	Chemical genetics reveals the requirement for Polo-like kinase 1 activity in positioning RhoA and triggering cytokinesis in human cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4383-4388.	7.1	228
14	Requirements for Cdk7 in the Assembly of Cdk1/Cyclin B and Activation of Cdk2 Revealed by Chemical Genetics in Human Cells. Molecular Cell, 2007, 25, 839-850.	9.7	221
15	Dichotomous but stringent substrate selection by the dual-function Cdk7 complex revealed by chemical genetics. Nature Structural and Molecular Biology, 2006, 13, 55-62.	8.2	86
16	The Cyclin-Dependent Kinase (CDK) Family Member PNQALRE/CCRK Supports Cell Proliferation but has no Intrinsic CDK-Activating Kinase (CAK) Activity. Cell Cycle, 2006, 5, 546-554.	2.6	53
17	CDK-Activating Kinases: Detection and Activity Measurements. , 2005, 296, 279-290.		4
18	Xpd/Ercc2 regulates CAK activity and mitotic progression. Nature, 2003, 424, 228-232.	27.8	114

#	Article	IF	Citations
19	Cdk7 Is Required for Full Activation of Drosophila Heat Shock Genes and RNA Polymerase II Phosphorylation In Vivo. Molecular and Cellular Biology, 2003, 23, 6876-6886.	2.3	61
20	The Drosophila chk2 Gene loki Is Essential for Embryonic DNA Double-Strand-Break Checkpoints Induced in S Phase or G2. Genetics, 2003, 163, 973-982.	2.9	40
21	T-loop phosphorylation stabilizes the CDK7-cyclin H-MAT1 complex in vivo and regulates its CTD kinase activity. EMBO Journal, 2001, 20, 3749-3759.	7.8	112
22	Cdk7 is essential for mitosis and for in vivo Cdk-activating kinaseÂactivity. Genes and Development, 1998, 12, 370-381.	5.9	169
23	Molecular cloning of the Drosophila homologue of the rat ribosomal protein L11 gene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 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. Gene, 1995, 163, 209-214.	2.2	21
25	Partial activation of surf clam oocytes by hypertonic treatment.. Cell Biology International, 1993, 17, 35-44.	3.0	2