

Laurent Le Cam

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

9,847
citations

331670

21
h-index

302126

39
g-index

42
all docs

42
docs citations

42
times ranked

22167
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Model of Heterogeneity in Melanoma: Designing Therapies and Predicting Outcomes. <i>Frontiers in Oncology</i> , 2022, 12, 857572.	2.8	4
2	Mitochondrial metabolism supports resistance to IDH mutant inhibitors in acute myeloid leukemia. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	56
3	High Resolution Episcopic Microscopy for Qualitative and Quantitative Data in Phenotyping Altered Embryos and Adult Mice Using the New "Histo3D" System. <i>Biomedicines</i> , 2021, 9, 767.	3.2	7
4	The p53 Pathway and Metabolism: The Tree That Hides the Forest. <i>Cancers</i> , 2021, 13, 133.	3.7	27
5	The multifunctional protein E4F1 links P53 to lipid metabolism in adipocytes. <i>Nature Communications</i> , 2021, 12, 7037.	12.8	15
6	Metabolic functions of the tumor suppressor p53: Implications in normal physiology, metabolic disorders, and cancer. <i>Molecular Metabolism</i> , 2020, 33, 2-22.	6.5	200
7	Targeting MDM2-dependent serine metabolism as a therapeutic strategy for liposarcoma. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	24
8	The MEK5-ERK5 Kinase Axis Controls Lipid Metabolism in Small-Cell Lung Cancer. <i>Cancer Research</i> , 2020, 80, 1293-1303.	0.9	49
9	β -catenin oncogenic activation rewires fatty acid catabolism to fuel hepatocellular carcinoma. <i>Gut</i> , 2019, 68, 183-185.	12.1	12
10	Spatio-Genetic and phenotypic modelling elucidates resistance and re-sensitisation to treatment in heterogeneous melanoma. <i>Journal of Theoretical Biology</i> , 2019, 466, 84-105.	1.7	12
11	Mitochondrial MDM2 Regulates Respiratory Complex I Activity Independently of p53. <i>Molecular Cell</i> , 2018, 69, 594-609.e8.	9.7	68
12	MDM2 controls gene expression independently of p53 in both normal and cancer cells. <i>Cell Death and Differentiation</i> , 2018, 25, 1533-1535.	11.2	15
13	E4F1 controls a transcriptional program essential for pyruvate dehydrogenase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10998-11003.	7.1	27
14	E4F1-mediated control of pyruvate dehydrogenase activity is essential for skin homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11004-11009.	7.1	22
15	Chromatin-bound MDM2, a new player in metabolism. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1210560.	0.7	2
16	Chromatin-Bound MDM2 Regulates Serine Metabolism and Redox Homeostasis Independently of p53. <i>Molecular Cell</i> , 2016, 62, 890-902.	9.7	96
17	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
18	Isocitrate dehydrogenase 1 mutations prime the all-trans retinoic acid myeloid differentiation pathway in acute myeloid leukemia. <i>Journal of Experimental Medicine</i> , 2016, 213, 483-497.	8.5	68

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19	Description of an optimized ChIP-seq analysis pipeline dedicated to genome wide identification of E4F1 binding sites in primary and transformed MEFs. <i>Genomics Data</i> , 2015, 5, 368-370.	1.3	10
20	The Transcription Factor E4F1 Coordinates CHK1-Dependent Checkpoint and Mitochondrial Functions. <i>Cell Reports</i> , 2015, 11, 220-233.	6.4	38
21	Numb is required to prevent p53-dependent senescence following skeletal muscle injury. <i>Nature Communications</i> , 2015, 6, 8528.	12.8	58
22	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
23	E4F1 dysfunction results in autophagic cell death in myeloid leukemic cells. <i>Autophagy</i> , 2011, 7, 1566-1567.	9.1	8
24	E4F1 deficiency results in oxidative stress-mediated cell death of leukemic cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 1403-1417.	8.5	20
25	E4F1 connects the Bmi1-ARF-p53 pathway to epidermal stem cell-dependent skin homeostasis. <i>Cell Cycle</i> , 2011, 10, 866-867.	2.6	7
26	Transcription factor E4F1 is essential for epidermal stem cell maintenance and skin homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21076-21081.	7.1	36
27	Intrinsic ubiquitination activity of PCAF controls the stability of the oncoprotein Hdm2. <i>Nature Cell Biology</i> , 2007, 9, 331-338.	10.3	164
28	E4F1 Is an Atypical Ubiquitin Ligase that Modulates p53 Effector Functions Independently of Degradation. <i>Cell</i> , 2006, 127, 775-788.	28.9	214
29	The E4F Protein Is Required for Mitotic Progression during Embryonic Cell Cycles. <i>Molecular and Cellular Biology</i> , 2004, 24, 6467-6475.	2.3	46
30	Requirement for cyclin D3 in lymphocyte development and T cell leukemias. <i>Cancer Cell</i> , 2003, 4, 451-461.	16.8	307
31	A B-myb Promoter Corepressor Site Facilitates in Vivo Occupation of the Adjacent E2F Site by p107-E2F and p130-E2F Complexes. <i>Journal of Biological Chemistry</i> , 2002, 277, 39015-39024.	3.4	19
32	The periodic down regulation of Cyclin E gene expression from exit of mitosis to end of G1 is controlled by a deacetylase- and E2F-associated bipartite repressor element. <i>Oncogene</i> , 2001, 20, 4115-4127.	5.9	30
33	Erythroid-specific Inhibition of the tal-1 Intragenic Promoter Is Due to Binding of a Repressor to a Novel Silencer. <i>Journal of Biological Chemistry</i> , 2000, 275, 949-958.	3.4	13
34	A CDE/CHR-like element mediates repression of transcription of the mouse RB2 (p130) gene. <i>FEBS Letters</i> , 2000, 471, 29-33.	2.8	26
35	Inhibition of mammalian cell proliferation by genetically selected peptide aptamers that functionally antagonize E2F activity. <i>Oncogene</i> , 1999, 18, 4357-4363.	5.9	85
36	The retinoblastoma protein is essential for cyclin A repression in quiescent cells. <i>Oncogene</i> , 1998, 16, 1373-1381.	5.9	37

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37	Regulation of E2F-1 gene expression in avian cells. <i>Oncogene</i> , 1998, 17, 585-594.	5.9	7
38	Cell Cycle-Regulated Expression of Mammalian <i>CDC6</i> Is Dependent on E2F. <i>Molecular and Cellular Biology</i> , 1998, 18, 6679-6697.	2.3	178
39	Nicotine Does Not Modulate IL-4 and Interferon- γ Release from Peripheral Blood Mononuclear Cells and T Cell Clones Activated by Phorbol Myristate Acetate and Calcium Ionophore. <i>International Archives of Allergy and Immunology</i> , 1996, 111, 372-375.	2.1	15
40	IDH1 Mutation Enhances Catabolic Flexibility and Mitochondrial Dependencies to Favor Drug Resistance in Acute Myeloid Leukemia. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0