Laurent Le Cam

List of Publications by Year
in descending order

40	9,847	331670 21	302126 39
papers	citations	h-index	g-index

42	42	42	22167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Requirement for cyclin D3 in lymphocyte development and T cell leukemias. Cancer Cell, 2003, 4, 451-461.	16.8	307
4	E4F1 Is an Atypical Ubiquitin Ligase that Modulates p53 Effector Functions Independently of Degradation. Cell, 2006, 127, 775-788.	28.9	214
5	Metabolic functions of the tumor suppressor p53: Implications in normal physiology, metabolic disorders, and cancer. Molecular Metabolism, 2020, 33, 2-22.	6.5	200
6	Cell Cycle-Regulated Expression of Mammalian CDC6 Is Dependent on E2F. Molecular and Cellular Biology, 1998, 18, 6679-6697.	2.3	178
7	Intrinsic ubiquitination activity of PCAF controls the stability of the oncoprotein Hdm2. Nature Cell Biology, 2007, 9, 331-338.	10.3	164
8	Chromatin-Bound MDM2 Regulates Serine Metabolism and Redox Homeostasis Independently of p53. Molecular Cell, 2016, 62, 890-902.	9.7	96
9	Inhibition of mammalian cell proliferation by genetically selected peptide aptamers that functionally antagonize E2F activity. Oncogene, 1999, 18, 4357-4363.	5.9	85
10	Isocitrate dehydrogenase 1 mutations prime the all-trans retinoic acid myeloid differentiation pathway in acute myeloid leukemia. Journal of Experimental Medicine, 2016, 213, 483-497.	8.5	68
11	Mitochondrial MDM2 Regulates Respiratory Complex I Activity Independently of p53. Molecular Cell, 2018, 69, 594-609.e8.	9.7	68
12	Numb is required to prevent p53-dependent senescence following skeletal muscle injury. Nature Communications, 2015, 6, 8528.	12.8	58
13	Mitochondrial metabolism supports resistance to IDH mutant inhibitors in acute myeloid leukemia. Journal of Experimental Medicine, 2021, 218, .	8.5	56
14	The MEK5â€“ERK5 Kinase Axis Controls Lipid Metabolism in Small-Cell Lung Cancer. Cancer Research, 2020, 80, 1293-1303.	0.9	49
15	The E4F Protein Is Required for Mitotic Progression during Embryonic Cell Cycles. Molecular and Cellular Biology, 2004, 24, 6467-6475.	2.3	46
16	The Transcription Factor E4F1 Coordinates CHK1-Dependent Checkpoint and Mitochondrial Functions. Cell Reports, 2015, 11, 220-233.	6.4	38
17	The retinoblastoma protein is essential for cyclin A repression in quiescent cells. Oncogene, 1998, 16, 1373-1381.	5.9	37
18	Transcription factor E4F1 is essential for epidermal stem cell maintenance and skin homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21076-21081.	7.1	36

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19	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. Oncogene, 2001, 20, 4115-4127.	5.9	30
20	E4F1 controls a transcriptional program essential for pyruvate dehydrogenase activity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10998-11003.	7.1	27
21	The p53 Pathway and Metabolism: The Tree That Hides the Forest. Cancers, 2021, 13, 133.	3.7	27
22	A CDE/CHR-like element mediates repression of transcription of the mouseRB2 (p130)gene. FEBS Letters, 2000, 471, 29-33.	2.8	26
23	Targeting MDM2-dependent serine metabolism as a therapeutic strategy for liposarcoma. Science Translational Medicine, 2020, 12, .	12.4	24
24	E4F1-mediated control of pyruvate dehydrogenase activity is essential for skin homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11004-11009.	7.1	22
25	E4F1 deficiency results in oxidative stressâ€“mediated cell death of leukemic cells. Journal of Experimental Medicine, 2011, 208, 1403-1417.	8.5	20
26	A B-myb Promoter Corepressor Site Facilitatesin Vivo Occupation of the Adjacent E2F Site by p107Â·E2F and p130Â·E2F Complexes. Journal of Biological Chemistry, 2002, 277, 39015-39024.	3.4	19
27	Nicotine Does Not Modulate IL-4 and Interferon-Î³ Release from Peripheral Blood Mononuclear Cells and T Cell Clones Activated by Phorbol Myristate Acetate and Calcium Ionophore. International Archives of Allergy and Immunology, 1996, 111, 372-375.	2.1	15
28	MDM2 controls gene expression independently of p53 in both normal and cancer cells. Cell Death and Differentiation, 2018, 25, 1533-1535.	11.2	15
29	The multifunctional protein E4F1 links P53 to lipid metabolism in adipocytes. Nature Communications, 2021, 12, 7037.	12.8	15
30	Erythroid-specific Inhibition of the tal-1 Intragenic Promoter Is Due to Binding of a Repressor to a Novel Silencer. Journal of Biological Chemistry, 2000, 275, 949-958.	3.4	13
31	Î²-catenin oncogenic activation rewires fatty acid catabolism to fuel hepatocellular carcinoma. Gut, 2019, 68, 183-185.	12.1	12
32	Spatio-Genetic and phenotypic modelling elucidates resistance and re-sensitisation to treatment in heterogeneous melanoma. Journal of Theoretical Biology, 2019, 466, 84-105.	1.7	12
33	Description of an optimized ChIP-seq analysis pipeline dedicated to genome wide identification of E4F1 binding sites in primary and transformed MEFs. Genomics Data, 2015, 5, 368-370.	1.3	10
34	E4F1 dysfunction results in autophagic cell death in myeloid leukemic cells. Autophagy, 2011, 7, 1566-1567.	9.1	8
35	Regulation of E2F-1 gene expression in avian cells. Oncogene, 1998, 17, 585-594.	5.9	7
36	E4F1 connects the Bmi1-ARF-p53 pathway to epidermal stem cell-dependent skin homeostasis. Cell Cycle, 2011, 10, 866-867.	2.6	7

#	Article	IF	Citations
37	High Resolution Episcopic Microscopy for Qualitative and Quantitative Data in Phenotyping Altered Embryos and Adult Mice Using the New â€œHisto3Dâ€•System. Biomedicines, 2021, 9, 767.	3.2	7
38	Computational Model of Heterogeneity in Melanoma: Designing Therapies and Predicting Outcomes. Frontiers in Oncology, 2022, 12, 857572.	2.8	4
39	Chromatin-bound MDM2, a new player in metabolism. Molecular and Cellular Oncology, 2016, 3, e1210560.	0.7	2
40	IDH1 Mutation Enhances Catabolic Flexibility and Mitochondrial Dependencies to Favor Drug Resistance in Acute Myeloid Leukemia. SSRN Electronic Journal, 0, , .	0.4	0