Bruno Chatton

List of Publications by Year
in descending order

39 papers	1,954 citations	279798 23 h-index	302126 39 g-index
39 all docs	39 docs citations	39 times ranked	2216 citing authors

#	Article	IF	Citations
1	mAM Facilitates Conversion by ESET of Dimethyl to Trimethyl Lysine 9 of Histone H3 to Cause Transcriptional Repression. Molecular Cell, 2003, 12, 475-487.	9.7	300
2	A Harvey-ras responsive transcription element is also responsive to a tumour-promoter and to serum. Nature, 1988, 332, 275-278.	27.8	211
3	The transcription factor ATF7 mediates lipopolysaccharide-induced epigenetic changes in macrophages involved in innate immunological memory. Nature Immunology, 2015, 16, 1034-1043.	14.5	149
4	Cell cycle regulation of the endogenous wild type Bloom's syndrome DNA helicase. Oncogene, 2000, 19, 2731-2738.	5.9	110
5	Isolation and characterization of two novel, closely related ATF cDNA clones from HeLa cells. Nucleic Acids Research, 1990, 18, 3467-3473.	14.5	107
6	A new role for the KrÃ¼ppel-like transcription factor KLF6 as an inhibitor of c-Jun proto-oncoprotein function. Oncogene, 2004, 23, 8196-8205.	5.9	100
7	Functional Analysis of Adenovirus Protein IX Identifies Domains Involved in Capsid Stability, Transcriptional Activity, and Nuclear Reorganization. Journal of Virology, 2001, 75, 7131-7141.	3.4	98
8	ATM-dependent phosphorylation and accumulation of endogenous BLM protein in response to ionizing radiation. Oncogene, 2000, 19, 5955-5963.	5.9	93
9	Negative and positive factors determine the activity of the polyoma virus enhancer alpha domain in undifferentiated and differentiated cell types.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 7952-7956.	7.1	87
10	Point mutations causing Bloom's syndrome abolish ATPase and DNA helicase activities of the BLM protein. Oncogene, 1998, 17, 2565-2571.	5.9	66
11	Social isolation stress induces ATF-7 phosphorylation and impairs silencing of the 5-HT 5B receptor gene. EMBO Journal, 2010, 29, 196-208.	7.8	60
12	Identification of a Second ATF/CREB-like Element in the Herpes Simplex Virus Type 1 (HSV-1) Latency-Associated Transcript (LAT) Promoter. Virology, 1994, 200, 220-235.	2.4	52
13	ATF7-Dependent Epigenetic Changes Are Required for the Intergenerational Effect of a Paternal Low-Protein Diet. Molecular Cell, 2020, 78, 445-458.e6.	9.7	52
14	Adenovirus protein IX sequesters hostâ€cell promyelocytic leukaemia protein and contributes to efficient viral proliferation. EMBO Reports, 2003, 4, 969-975.	4.5	41
15	The KrÃ¼ppel-Like Core Promoter Binding Protein Gene Is Primarily Expressed in Placenta During Mouse Development1. Biology of Reproduction, 1999, 61, 1586-1591.	2.7	38
16	Role of the ATFa/JNK2 complex in Jun activation. Oncogene, 1999, 18, 3491-3500.	5.9	37
17	Genomic structure and chromosomal mapping of the gene coding for ICBP90, a protein involved in the regulation of the topoisomerase IIÎ± gene expression. Gene, 2001, 266, 15-23.	2.2	31
18	Dephosphorylation and Subcellular Compartment Change of the Mitotic Bloom's Syndrome DNA Helicase in Response to Ionizing Radiation. Journal of Biological Chemistry, 2002, 277, 6280-6286.	3.4	29

#	Article	IF	Citations
19	Telomere shortening by transgenerational transmission of TNF-Î±-induced TERRA via ATF7. Nucleic Acids Research, 2019, 47, 283-298.	14.5	29
20	A murine ATFa-associated factor with transcriptional repressing activity. Oncogene, 2000, 19, 1807-1819.	5.9	28
21	FF483â€“484 motif of human PolÎ· mediates its interaction with the POLD2 subunit of PolÎ´ and contributes to DNA damage tolerance. Nucleic Acids Research, 2015, 43, 2116-2125.	14.5	27
22	A functional interaction between ATF7 and TAF12 that is modulated by TAF4. Oncogene, 2005, 24, 3472-3483.	5.9	26
23	Sumoylation delays the ATF7 transcription factor subcellular localization and inhibits its transcriptional activity. Nucleic Acids Research, 2007, 35, 1134-1144.	14.5	25
24	Structure and Expression of the ATFa Gene. Journal of Biological Chemistry, 1996, 271, 29589-29598.	3.4	24
25	Targeting the replisome with transduced monoclonal antibodies triggers lethal DNA replication stress in cancer cells. Experimental Cell Research, 2016, 342, 145-158.	2.6	20
26	ATF7 mediates TNF-Î±â€“induced telomere shortening. Nucleic Acids Research, 2018, 46, 4487-4504.	14.5	20
27	A Cytoplasmic Negative Regulator Isoform of ATF7 Impairs ATF7 and ATF2 Phosphorylation and Transcriptional Activity. PLoS ONE, 2011, 6, e23351.	2.5	15
28	p38Î²2-Mediated Phosphorylation and Sumoylation of ATF7 Are Mutually Exclusive. Journal of Molecular Biology, 2008, 384, 980-991.	4.2	14
29	Stereoalignment requirements for activation of transcription by the Simian virus 40 enhancer. Nucleic Acids Research, 1990, 18, 421-427.	14.5	12
30	The Transcription Factor ATF7 Controls Adipocyte Differentiation and Thermogenic Gene Programming. IScience, 2019, 13, 98-112.	4.1	10
31	InÂutero TNF â€Î± treatment induces telomere shortening inÂyoung adult mice in an ATF 7â€dependent manner. FEBS Open Bio, 2016, 6, 56-63.	2.3	7
32	Self-Associating Peptides for Modular Bifunctional Conjugation of Tetramer Macromolecules in Living Cells. Bioconjugate Chemistry, 2019, 30, 1734-1744.	3.6	7
33	Modular Conjugation of a Potent Anti-HER2 Immunotoxin Using Coassociating Peptides. Bioconjugate Chemistry, 2020, 31, 2421-2430.	3.6	7
34	ATF7 is stabilized during mitosis in a CDK1-dependent manner and contributes to cyclin D1 expression. Cell Cycle, 2015, 14, 2655-2666.	2.6	5
35	Stressâ€induced and ATF7â€dependent epigenetic change influences cellular senescence. Genes To Cells, 2019, 24, 627-635.	1.2	5
36	Small p53 derived peptide suitable for robust nanobodies dimerization. Journal of Immunological Methods, 2021, 498, 113144.	1.4	5

#	Article	IF	Citations
37	A genetic analysis of Plasmodium falciparum RNA polymerase II subunits in yeast. Molecular and Biochemical Parasitology, 2011, 176, 127-130.	1.1	3
38	The transcription factor <scp>ATF</scp>7 mediates in vitro fertilizationâ€induced gene expression changes in mouse liver. FEBS Open Bio, 2017, 7, 1598-1610.	2.3	3
39	A fast method for analyzing essential protein mutants in human cells. BioTechniques, 2017, 62, 80-82.	1.8	1