Iannis Talianidis

List of Publications by Year in descending order

79 papers	6,094 citations	61984 43 h-index	71685 76 g-index
79 all docs	79 docs citations	79 times ranked	8507 citing authors

#	Article	IF	Citations
1	Five-Vertebrate ChIP-seq Reveals the Evolutionary Dynamics of Transcription Factor Binding. Science, 2010, 328, 1036-1040.	12.6	663
2	Lysine Methylation Regulates E2F1-Induced Cell Death. Molecular Cell, 2010, 39, 152-160.	9.7	315
3	Coordination of PIC Assembly and Chromatin Remodeling During Differentiation-Induced Gene Activation. Science, 2002, 295, 1901-1904.	12.6	288
4	Acetylation Regulates Transcription Factor Activity at Multiple Levels. Molecular Cell, 2000, 5, 745-751.	9.7	262
5	Plasticity and expanding complexity of the hepatic transcription factor network during liver development. Genes and Development, 2006, 20, 2293-2305.	5.9	241
6	Histone modifications defining active genes persist after transcriptional and mitotic inactivation. EMBO Journal, 2005, 24, 347-357.	7.8	238
7	Gene-Specific Modulation of TAF10 Function by SET9-Mediated Methylation. Molecular Cell, 2004, 14, 175-182.	9.7	235
8	Dynamics of Enhancer-Promoter Communication during Differentiation-Induced Gene Activation. Molecular Cell, 2002, 10, 1467-1477.	9.7	202
9	Cooperativity and Rapid Evolution of Cobound Transcription Factors in Closely Related Mammals. Cell, 2013, 154, 530-540.	28.9	148
10	Pretreatment deoxycytidine kinase levels predict in vivo gemcitabine sensitivity. Molecular Cancer Therapeutics, 2002, 1, 371-6.	4.1	145
11	Hepatocyte Nuclear Factor 4Î± Coordinates a Transcription Factor Network Regulating Hepatic Fatty Acid Metabolism. Molecular and Cellular Biology, 2010, 30, 565-577.	2.3	132
12	Regulation of hepatic metabolic pathways by the orphan nuclear receptor SHP. EMBO Journal, 2005, 24, 2624-2633.	7.8	129
13	Regulatory Mechanisms Controlling Human Hepatocyte Nuclear Factor 4Î± Gene Expression. Molecular and Cellular Biology, 2001, 21, 7320-7330.	2.3	127
14	Modulation of Hepatic Gene Expression by Hepatocyte Nuclear Factor 1. Science, 1997, 277, 109-112.	12.6	123
15	Inactivation of the Deubiquitinase CYLD in Hepatocytes Causes Apoptosis, Inflammation, Fibrosis, and Cancer. Cancer Cell, 2012, 21, 738-750.	16.8	123
16	Transcriptional Activation by Hepatocyte Nuclear Factor-1 Requires Synergism between Multiple Coactivator Proteins. Journal of Biological Chemistry, 2000, 275, 12515-12520.	3.4	120
17	Increased sensitivity to gemcitabine of P-glycoprotein and multidrug resistance-associated protein-overexpressing human cancer cell lines. British Journal of Cancer, 2003, 88, 1963-1970.	6.4	118
18	Transcription factor-dependent regulation of CBP and P/CAF histone acetyltransferase activity. EMBO Journal, 2001, 20, 1984-1992.	7.8	113

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19	Smyd3 Is a Transcriptional Potentiator of Multiple Cancer-Promoting Genes and Required for Liver and Colon Cancer Development. Cancer Cell, 2016, 29, 354-366.	16.8	106
20	LSD1 promotes oxidative metabolism of white adipose tissue. Nature Communications, 2014, 5, 4093.	12.8	96
21	Recruitment of hepatocyte nuclear factor 4 into specific intranuclear compartments depends on tyrosine phosphorylation that affects its DNA-binding and transactivation potential.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 9876-9880.	7.1	93
22	HNF1 Î²/TCF2 mutations impair transactivation potential through altered co-regulator recruitment. Human Molecular Genetics, 2004, 13, 3139-3149.	2.9	90
23	High-resolution mapping of transcriptional dynamics across tissue development reveals a stable mRNAâ€“tRNA interface. Genome Research, 2014, 24, 1797-1807.	5.5	89
24	The Intracellular Localization of Deoxycytidine Kinase. Journal of Biological Chemistry, 1998, 273, 30239-30243.	3.4	83
25	SUMO-Dependent Compartmentalization in Promyelocytic Leukemia Protein Nuclear Bodies Prevents the Access of LRH-1 to Chromatin. Molecular and Cellular Biology, 2005, 25, 5095-5105.	2.3	83
26	Transcriptional regulation of the apolipoprotein A-IV gene involves synergism between a proximal orphan receptor response element and a distant enhancer located in the upstream promoter region of the apolipoprotein C-III gene. Nucleic Acids Research, 1994, 22, 4689-4696.	14.5	77
27	Involvement of corepressor complex subunit GPS2 in transcriptional pathways governing human bile acid biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15665-15670.	7.1	76
28	Hepatic HNF4Î± deficiency induces periportal expression of glutamine synthetase and other pericentral enzymes. Hepatology, 2007, 45, 433-444.	7.3	73
29	Molecular Pathways: The Complex Roles of Inflammation Pathways in the Development and Treatment of Liver Cancer. Clinical Cancer Research, 2013, 19, 2810-2816.	7.0	64
30	Functional role of G9a-induced histone methylation in small heterodimer partner-mediated transcriptional repression. Nucleic Acids Research, 2004, 32, 6096-6103.	14.5	59
31	SET9-Mediated Regulation of TGF-Î² Signaling Links Protein Methylation to Pulmonary Fibrosis. Cell Reports, 2016, 15, 2733-2744.	6.4	58
32	Structure of bovine adrenal dopamine .beta.-monooxygenase, as deduced from cDNA and protein sequencing: evidence that the membrane-bound form of the enzyme is anchored by an uncleaved signal peptide. Biochemistry, 1989, 28, 10054-10061.	2.5	57
33	Complex Interactions between SP1 Bound to Multiple Distal Regulatory Sites and HNF-4 Bound to the Proximal Promoter Lead to Transcriptional Activation of Liver-Specific Human APOCIII Gene. Biochemistry, 1995, 34, 10298-10309.	2.5	57
34	Transcription factor networks regulating hepatic fatty acid metabolism. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 2-8.	2.4	56
35	Mitogen-Activated Protein Kinase-Mediated Disruption of Enhancer-Promoter Communication Inhibits Hepatocyte Nuclear Factor 4Î± Expression. Molecular and Cellular Biology, 2006, 26, 7017-7029.	2.3	54
36	Dominant and Redundant Functions of TFIID Involved in the Regulation of Hepatic Genes. Molecular Cell, 2008, 31, 531-543.	9.7	54

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37	Râ€spondin 1 and noggin facilitate expansion of resident stem cells from nonâ€damaged gallbladders. EMBO Reports, 2016, 17, 769-779.	4.5	53
38	Isolation and characterization of a third isoform of human hepatocyte nuclear factor 4. Gene, 1996, 173, 275-280.	2.2	52
39	KMTase Set7/9 is a critical regulator of E2F1 activity upon genotoxic stress. Cell Death and Differentiation, 2014, 21, 1889-1899.	11.2	52
40	An indirect negative autoregulatory mechanism involved in hepatocyte nuclear factor-1 gene expression. Nucleic Acids Research, 1993, 21, 5882-5889.	14.5	51
41	Smyd3-associated regulatory pathways in cancer. Seminars in Cancer Biology, 2017, 42, 70-80.	9.6	50
42	Regulation of Anti-atherogenic Apolipoprotein M Gene Expression by the Orphan Nuclear Receptor LRH-1. Journal of Biological Chemistry, 2008, 283, 3694-3701.	3.4	49
43	Defective transcription initiation causes postnatal growth failure in a mouse model of nucleotide excision repair (NER) progeria. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2995-3000.	7.1	44
44	Activation of deoxycytidine kinase by inhibition of DNA synthesis in human lymphocytes11Abbreviations: dCK, deoxycytidine kinase; dTK, thymidine kinase; CdA, 2-chloro-2â€²-deoxyadenosine; araC, 1-Î²-D-arabinofuranosylcytosine; 3HdC, 2â€²-deoxy-[5-3H] cytidine; 3HdT, 2â€²-deoxy-[5-methyl-3H] thymidine; HL 60, human promyelocytic cell line; AML, acute myeloid leukaemia; PBMC, peripheral blood mononuclear cell; APC, aphidicolin; and DEAE, diethylaminoethyl.. Biochemical Pharmacology, 2001, 61, 191-197.	4.4	43
45	Distal Apolipoprotein C-III Regulatory Elements F to J Act as a General Modular Enhancer for Proximal Promoters That Contain Hormone Response Elements. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 222-232.	2.4	42
46	Murine mammary-derived cells secrete the N-terminal 41% of human apolipoprotein B on high density lipoprotein-sized lipoproteins containing a triacylglycerol-rich core.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 659-663.	7.1	40
47	Spontaneous development of hepatocellular carcinoma with cancer stem cell properties in <scp>PR</scp> â€•<scp>SET</scp> 7â€deficient livers. EMBO Journal, 2015, 34, 430-447.	7.8	39
48	Activation of deoxycytidine kinase by gamma-irradiation and inactivation by hyperosmotic shock in human lymphocytes. Biochemical Pharmacology, 2003, 65, 2031-2039.	4.4	38
49	Messenger ribonucleic acid for the lipoprotein of the Escherichia coli outer membrane is polyadenylated. Journal of Molecular Biology, 1987, 193, 507-515.	4.2	34
50	Activation of CAAT Enhancer-binding Protein Î´ (C/EBPÎ´) by Interleukin-1 Negatively Influences Apolipoprotein C-III Expression. Journal of Biological Chemistry, 1997, 272, 23578-23584.	3.4	29
51	Transcriptional Regulation of the Genes Involved in Lipoprotein Transport. Hypertension, 1996, 27, 980-1008.	2.7	29
52	Bookmarking by Non-pioneer Transcription Factors during Liver Development Establishes Competence for Future Gene Activation. Cell Reports, 2020, 30, 1319-1328.e6.	6.4	27
53	Context-specific regulation of cancer epigenomes by histone and transcription factor methylation. Oncogene, 2014, 33, 1207-1217.	5.9	26
54	Functional Targets of the Monogenic Diabetes Transcription Factors HNF-1Î± and HNF-4Î± Are Highly Conserved Between Mice and Humans. Diabetes, 2009, 58, 1245-1253.	0.6	24

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55	Kmt5a Controls Hepatic Metabolic Pathways by Facilitating RNA Pol II Release from Promoter-Proximal Regions. Cell Reports, 2017, 20, 909-922.	6.4	24
56	3â€²-terminal polyadenylate sequences of Escherichia coli tryptophan synthetase Î±-subunit messenger RNA. Journal of Molecular Biology, 1987, 196, 347-354.	4.2	20
57	Synergism between nuclear receptors bound to specific hormone response elements of the hepatic control region-1 and the proximal apolipoprotein C-II promoter mediate apolipoprotein C-II gene regulation by bile acids and retinoids. Biochemical Journal, 2003, 372, 291-304.	3.7	20
58	Activation of deoxycytidine kinase in lymphocytes is calcium dependent and involves a conformational change detectable by native immunostaining. Biochemical Pharmacology, 2004, 67, 947-955.	4.4	20
59	Compartmentation of dCTP pools disappears after hydroxyurea or araC treatment in lymphocytes. FEBS Letters, 1992, 297, 151-154.	2.8	19
60	Cloning and Characterization of Mouse Deoxyguanosine Kinase. Journal of Biological Chemistry, 1999, 274, 24726-24730.	3.4	18
61	Detection of an alternatively spliced form of deoxycytidine kinase mRNA in the 2â€²-2â€²-difluorodeoxycytidine (gemcitabine)-resistant human ovarian cancer cell line AG6000. Biochemical Pharmacology, 2004, 68, 601-609.	4.4	18
62	Cloning, sequencing and expression of a full-length rabbit fast skeletal troponin-C cDNA. FEBS Letters, 1988, 228, 22-26.	2.8	17
63	Transcription Control of Liver Development. Cells, 2021, 10, 2026.	4.1	17
64	Immunocytochemical detection of deoxycytidine kinase in haematological malignancies and solid tumours. Journal of Clinical Pathology, 2005, 58, 695-699.	2.0	16
65	Initiation of simian virus 40 DNA replicationin vitro:identification of RNA-Primed nascent DNA chains. Nucleic Acids Research, 1987, 15, 7877-7888.	14.5	14
66	Deoxycytidine is salvaged not only into DNA but also into phospholipid precursors. III. dCDP-diacylglycerol formation in tonsillar lymphocytes. Biochemical and Biophysical Research Communications, 1991, 174, 680-687.	2.1	14
67	Cross-talk between post-translational modifications regulates life or death decisions by E2F1. Cell Cycle, 2010, 9, 3836-3837.	2.6	14
68	Differences between lymphoid organs with respect to the phosphorylation of deoxycytidine and thymidine. Immunology Letters, 1983, 6, 137-142.	2.5	13
69	Human hepatocyte nuclear factor-4 (hHNF-4) gene maps to 20q12-q13.1 between PLCG1 and D20S17. Human Genetics, 1997, 99, 233-236.	3.8	13
70	Effect of Phosphorylation on Deoxycytidine Kinase Activity. , 2000, 486, 281-285.		13
71	Inactivation of the Nuclear Orphan Receptor COUP-TFII by Small Chemicals. ACS Chemical Biology, 2017, 12, 654-663.	3.4	13
72	Reversible permeabilization of lymphocytes destroys the incorporation of deoxythymidine but not of deoxycytidine. Biochimica Et Biophysica Acta - Molecular Cell Research, 1986, 885, 266-271.	4.1	11

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73	Preferential utilisation of deoxycytidine by undifferentiated (peanut positive) tonsillar lymphocytes. Immunology Letters, 1987, 15, 109-115.	2.5	10
74	Immunocytochemical Detection of Deoxycytidine Kinase in Pediatric Malignancies in Relation to In Vitro Cytarabine Sensitivity. Nucleosides, Nucleotides and Nucleic Acids, 2004, 23, 1351-1356.	1.1	6
75	Targeting Smyd3 by next-generation antisense oligonucleotides suppresses liver tumor growth. IScience, 2021, 24, 102473.	4.1	6
76	Hepatic cancer stem cells may arise from adult ductal progenitors. Molecular and Cellular Oncology, 2016, 3, e1021946.	0.7	5
77	Mechanism of gene-specificity of oncogenic regulators. Cell Cycle, 2016, 15, 2227-2228.	2.6	3
78	Transcriptional regulation of the mouse deoxycytidine kinase: identification and functional analysis of nuclear protein binding sites at the proximal promoter. Biochemical Pharmacology, 2004, 68, 2397-2407.	4.4	1
79	Cultured tonsillar lymphocytes excrete [3H]thymidine labeled DNA and revert to resting state. Biochemical and Biophysical Research Communications, 1984, 125, 1110-1116.	2.1	0