

Roberto Mantovani

List of Publications by Year in descending order

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84
papers

5,656
citations

70961

41
h-index

79541

73
g-index

85
all docs

85
docs citations

85
times ranked

4978
citing authors

#	ARTICLE	IF	CITATIONS
1	The molecular biology of the CCAAT-binding factor NF-Y. <i>Gene</i> , 1999, 239, 15-27.	1.0	756
2	The Promiscuous Life of Plant NUCLEAR FACTOR Y Transcription Factors. <i>Plant Cell</i> , 2013, 24, 4777-4792.	3.1	285
3	Sequence-Specific Transcription Factor NF-Y Displays Histone-like DNA Binding and H2B-like Ubiquitination. <i>Cell</i> , 2013, 152, 132-143.	13.5	249
4	The NF-YB/NF-YC Structure Gives Insight into DNA Binding and Transcription Regulation by CCAAT Factor NF-Y. <i>Journal of Biological Chemistry</i> , 2003, 278, 1336-1345.	1.6	239
5	A Distal CCAAT/NUCLEAR FACTOR Y Complex Promotes Chromatin Looping at the FLOWERING LOCUS T Promoter and Regulates the Timing of Flowering in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 1009-1017.	3.1	232
6	NF-Y and the transcriptional activation of CCAAT promoters. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2012, 47, 29-49.	2.3	212
7	Cell-Cycle Regulation of NF-YC Nuclear Localization. <i>Cell Cycle</i> , 2004, 3, 205-210.	1.3	209
8	Direct p53 Transcriptional Repression: In Vivo Analysis of CCAAT-Containing G 2 /M Promoters. <i>Molecular and Cellular Biology</i> , 2005, 25, 3737-3751.	1.1	202
9	Dynamic Recruitment of NF-Y and Histone Acetyltransferases on Cell-cycle Promoters. <i>Journal of Biological Chemistry</i> , 2003, 278, 30435-30440.	1.6	136
10	NF-Y coassociates with FOS at promoters, enhancers, repetitive elements, and inactive chromatin regions, and is stereo-positioned with growth-controlling transcription factors. <i>Genome Research</i> , 2013, 23, 1195-1209.	2.4	127
11	Regulation of the CCAAT-Binding NF-Y subunits in <i>Arabidopsis thaliana</i> . <i>Gene</i> , 2001, 264, 173-185.	1.0	125
12	The cyclin B2 promoter depends on NF-Y, a trimer whose CCAAT-binding activity is cell-cycle regulated. <i>Oncogene</i> , 1999, 18, 1845-1853.	2.6	118
13	Regulation of novel members of the <i>Arabidopsis thaliana</i> CCAAT-binding nuclear factor Y subunits. <i>Gene</i> , 2002, 283, 41-48.	1.0	116
14	A perspective of promoter architecture from the CCAAT box. <i>Cell Cycle</i> , 2009, 8, 4127-4137.	1.3	112
15	CONSTANS Imparts DNA Sequence Specificity to the Histone Fold NF-YB/NF-YC Dimer. <i>Plant Cell</i> , 2017, 29, 1516-1532.	3.1	108
16	The Histone-Like NF-Y Is a Bifunctional Transcription Factor. <i>Molecular and Cellular Biology</i> , 2008, 28, 2047-2058.	1.1	107
17	Interactions and CCAAT-Binding of <i>Arabidopsis thaliana</i> NF-Y Subunits. <i>PLoS ONE</i> , 2012, 7, e42902.	1.1	80
18	Chromatin Immunoprecipitation (ChIP) on Chip Experiments Uncover a Widespread Distribution of NF-Y Binding CCAAT Sites Outside of Core Promoters. <i>Journal of Biological Chemistry</i> , 2005, 280, 13606-13615.	1.6	79

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19	Requirement for Down-Regulation of the CCAAT-binding Activity of the NF-Y Transcription Factor during Skeletal Muscle Differentiation. <i>Molecular Biology of the Cell</i> , 2003, 14, 2706-2715.	0.9	78
20	Transcriptional and Post-transcriptional Mechanisms Limit Heading Date 1 (Hd1) Function to Adapt Rice to High Latitudes. <i>PLoS Genetics</i> , 2017, 13, e1006530.	1.5	78
21	The Activity of the CCAAT-box Binding Factor NF-Y Is Modulated Through the Regulated Expression of Its A Subunit During Monocyte to Macrophage Differentiation: Regulation of Tissue-Specific Genes Through a Ubiquitous Transcription Factor. <i>Blood</i> , 1999, 93, 519-526.	0.6	75
22	Dynamic recruitment of transcription factors and epigenetic changes on the ER stress response gene promoters. <i>Nucleic Acids Research</i> , 2006, 34, 3116-3127.	6.5	73
23	Cdk2-dependent Phosphorylation of the NF-Y Transcription Factor and Its Involvement in the p53-p21 Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 36966-36972.	1.6	69
24	A Functionally Essential Domain of RFX5 Mediates Activation of Major Histocompatibility Complex Class II Promoters by Promoting Cooperative Binding between RFX and NF-Y. <i>Molecular and Cellular Biology</i> , 2000, 20, 3364-3376.	1.1	68
25	Interactions between p300 and Multiple NF-Y Trimers Govern Cyclin B2 Promoter Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 6642-6650.	1.6	68
26	The promoters of human cell cycle genes integrate signals from two tumor suppressive pathways during cellular transformation. <i>Molecular Systems Biology</i> , 2005, 1, 2005.0022.	3.2	64
27	NF-Y Associates with H3-H4 Tetramers and Octamers by Multiple Mechanisms. <i>Molecular and Cellular Biology</i> , 1999, 19, 8591-8603.	1.1	63
28	NF-Y Recruitment of TFIID, Multiple Interactions with Histone Fold TAFIIIs. <i>Journal of Biological Chemistry</i> , 2002, 277, 5841-5848.	1.6	62
29	NUCLEAR FACTOR Y, Subunit A (NF-YA) Proteins Positively Regulate Flowering and Act Through FLOWERING LOCUS T. <i>PLoS Genetics</i> , 2016, 12, e1006496.	1.5	61
30	NF-Y binding to twin CCAAT boxes: role of Q-rich domains and histone fold helices 1 Edited by M. Yaniv. <i>Journal of Molecular Biology</i> , 1999, 285, 1441-1455.	2.0	60
31	NF-Y histone fold $\hat{1}\pm 1$ helices help impart CCAAT specificity 1 Edited by M. Yaniv. <i>Journal of Molecular Biology</i> , 1999, 286, 327-337.	2.0	53
32	Overexpression and alternative splicing of NF-YA in breast cancer. <i>Scientific Reports</i> , 2019, 9, 12955.	1.6	53
33	Inhibition of DNA binding of the NF-Y transcription factor by the pyrrolbenzodiazepine-polyamide conjugate GWL-78. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1319-1328.	1.9	52
34	A high definition look at the NF-Y regulome reveals genome-wide associations with selected transcription factors. <i>Nucleic Acids Research</i> , 2016, 44, 4684-4702.	6.5	50
35	NF-Y activates genes of metabolic pathways altered in cancer cells. <i>Oncotarget</i> , 2016, 7, 1633-1650.	0.8	50
36	Mechanisms of transcriptional repression of cell-cycle G2/M promoters by p63. <i>Nucleic Acids Research</i> , 2006, 34, 928-938.	6.5	49

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37	Cell cycle regulation of NF-YC nuclear localization. <i>Cell Cycle</i> , 2004, 3, 217-22.	1.3	49
38	Crystal Structure of the Arabidopsis thaliana L1L/NF-YC3 Histone-fold Dimer Reveals Specificities of the LEC1 Family of NF-Y Subunits in Plants. <i>Molecular Plant</i> , 2017, 10, 645-648.	3.9	48
39	Repression of New p53 Targets Revealed by ChIP on Chip Experiments. <i>Cell Cycle</i> , 2006, 5, 1102-1110.	1.3	47
40	Posttranslational Regulation of NF-YA Modulates NF-Y Transcriptional Activity. <i>Molecular Biology of the Cell</i> , 2008, 19, 5203-5213.	0.9	46
41	The Short Isoform of NF-YA Belongs to the Embryonic Stem Cell Transcription Factor Circuitry. <i>Stem Cells</i> , 2012, 30, 2450-2459.	1.4	46
42	HSP-CBF Is an NF-Y-dependent Coactivator of the Heat Shock Promoters CCAAT Boxes. <i>Journal of Biological Chemistry</i> , 2001, 276, 26332-26339.	1.6	44
43	Cloning and expression of human NF-YC. <i>Gene</i> , 1997, 193, 119-125.	1.0	40
44	Selective Effects of the Anticancer Drug Yondelis (ET-743) on Cell-Cycle Promoters. <i>Molecular Pharmacology</i> , 2005, 68, 1496-1503.	1.0	37
45	Dissection of functional NF-Y-RFX cooperative interactions on the MHC class II Ea promoter. <i>Journal of Molecular Biology</i> , 2000, 302, 539-552.	2.0	36
46	The HDAC inhibitor Givinostat modulates the hematopoietic transcription factors NFE2 and C-MYB in JAK2V617F myeloproliferative neoplasm cells. <i>Experimental Hematology</i> , 2012, 40, 634-645.e10.	0.2	36
47	Structural determinants for NF-Y subunit organization and NF-Y/DNA association in plants. <i>Plant Journal</i> , 2021, 105, 49-61.	2.8	36
48	NF-YC Complexity Is Generated by Dual Promoters and Alternative Splicing. <i>Journal of Biological Chemistry</i> , 2009, 284, 34189-34200.	1.6	31
49	NF-YA splice variants have different roles on muscle differentiation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 627-638.	0.9	29
50	Cooperation and Competition between the Binding of COUP-TFII and NF-Y on Human $\hat{\mu}$ - and $\hat{\beta}$ -Globin Gene Promoters. <i>Journal of Biological Chemistry</i> , 2001, 276, 41700-41709.	1.6	28
51	Polymorphic NF-Y dependent regulation of human nicotine C-oxidase (CYP2A6). <i>Pharmacogenetics and Genomics</i> , 2004, 14, 369-379.	5.7	28
52	An NF-Y-Dependent Switch of Positive and Negative Histone Methyl Marks on CCAAT Promoters. <i>PLoS ONE</i> , 2008, 3, e2066.	1.1	28
53	The NF-Y/p53 liaison: Well beyond repression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1825, 131-139.	3.3	28
54	NF-YA Overexpression in Lung Cancer: LUSC. <i>Genes</i> , 2019, 10, 937.	1.0	28

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55	Modulation of topoisomerase II α expression by a DNA sequence-specific polyamide. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 346-354.	1.9	27
56	The H2A/H2B-like histone-fold domain proteins at the crossroad between chromatin and different DNA metabolisms. <i>Transcription</i> , 2013, 4, 114-119.	1.7	23
57	Single nucleosome ChIPs identify an extensive switch of acetyl marks on cell cycle promoters. <i>Cell Cycle</i> , 2010, 9, 2149-2159.	1.3	22
58	An acetylation-monoubiquitination switch on Lysine 120 of H2B. <i>Epigenetics</i> , 2011, 6, 630-637.	1.3	22
59	NF-Y Recruits Ash2L to Impart H3K4 Trimethylation on CCAAT Promoters. <i>PLoS ONE</i> , 2011, 6, e17220.	1.1	22
60	NF-YA Overexpression in Lung Cancer: LUAD. <i>Genes</i> , 2020, 11, 198.	1.0	21
61	NF-Y Overexpression in Liver Hepatocellular Carcinoma (HCC). <i>International Journal of Molecular Sciences</i> , 2020, 21, 9157.	1.8	20
62	Inhibition of ER α -Mediated Trans-Activation of Human Coagulation Factor XII Gene by Heteromeric Transcription Factor NF-Y. <i>Endocrinology</i> , 2001, 142, 3380-3388.	1.4	18
63	Plant Flowering: Imposing DNA Specificity on Histone-Fold Subunits. <i>Trends in Plant Science</i> , 2018, 23, 293-301.	4.3	17
64	NF-Y affects histone acetylation and H2A.Z deposition in cell cycle promoters. <i>Epigenetics</i> , 2011, 6, 526-534.	1.3	15
65	Cloning of <i>Schistosoma mansoni</i> transcription factor NF-YA subunit: phylogenic conservation of the HAP-2 homology domain. <i>Molecular and Biochemical Parasitology</i> , 1996, 77, 161-172.	0.5	13
66	Direct non transcriptional role of NF-Y in DNA replication. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 673-685.	1.9	13
67	RNF4 Is a Coactivator for Nuclear Factor Y on GTP Cyclohydrolase I Proximal Promoter. <i>Molecular Pharmacology</i> , 2004, 66, 1317-1324.	1.0	12
68	The transcription factor NF-Y participates to stem cell fate decision and regeneration in adult skeletal muscle. <i>Nature Communications</i> , 2021, 12, 6013.	5.8	12
69	The Switch from NF-YA1 to NF-YAs Isoform Impairs Myotubes Formation. <i>Cells</i> , 2020, 9, 789.	1.8	10
70	The Pole3 bidirectional unit is regulated by MYC and E2Fs. <i>Gene</i> , 2006, 366, 109-116.	1.0	9
71	Structural Basis of Inhibition of the Pioneer Transcription Factor NF-Y by Suramin. <i>Cells</i> , 2020, 9, 2370.	1.8	8
72	NF-Y Subunits Overexpression in HNSCC. <i>Cancers</i> , 2021, 13, 3019.	1.7	8

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73	NF-Y subunits overexpression in gastric adenocarcinomas (STAD). <i>Scientific Reports</i> , 2021, 11, 23764.	1.6	8
74	The Plant NF-Y DNA Matrix In Vitro and In Vivo. <i>Plants</i> , 2019, 8, 406.	1.6	7
75	NF-YA overexpression protects from glutamine deprivation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118571.	1.9	7
76	Integrating Peak Colocalization and Motif Enrichment Analysis for the Discovery of Genome-Wide Regulatory Modules and Transcription Factor Recruitment Rules. <i>Frontiers in Genetics</i> , 2020, 11, 72.	1.1	6
77	On the NF-Y regulome as in ENCODE (2019). <i>PLoS Computational Biology</i> , 2020, 16, e1008488.	1.5	6
78	A Novel Intragenic Sequence Enhances Initiator-dependent Transcription in Human Embryonic Kidney 293 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 19594-19599.	1.6	4
79	The phosphorylatable Ser320 of NF- κ B is involved in DNA binding of the NF- κ B trimer. <i>FASEB Journal</i> , 2019, 33, 4790-4801.	0.2	4
80	Phylogeny of NF-YA trans-activation splicing isoforms in vertebrate evolution. <i>Genomics</i> , 2022, 114, 110390.	1.3	4
81	NF-YA enters cells through cell penetrating peptides. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 430-440.	1.9	3
82	Nuclear factor Y in development and disease. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 523-524.	0.9	2
83	Live cell dynamics of the NF-Y transcription factor. <i>Scientific Reports</i> , 2021, 11, 10992.	1.6	0
84	The USR domain of USF1 mediates NF-Y interactions and cooperative DNA binding. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 401-413.	3.6	0