Fumiko Hirose

List of Publications by Year
in descending order

58	2,633	147726	182361
papers	citations	31 h-index	51 g-index

58	58	58	2488
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SUMOylation of RepoMan during late telophase regulates dephosphorylation of lamin A. Journal of Cell Science, 2021, 134, .	1.2	5
2	Transcription Factor hDREF Is a Novel SUMO E3 Ligase of Mi2Î±. Journal of Biological Chemistry, 2016, 291, 11619-11634.	1.6	20
3	Lamin A reassembly at the end of mitosis is regulated by its SUMO-interacting motif. Experimental Cell Research, 2016, 342, 83-94.	1.2	24
4	Deficiency of a Lipid Droplet Protein, Perilipin 5, Suppresses Myocardial Lipid Accumulation, Thereby Preventing Type 1 Diabetes-Induced Heart Malfunction. Molecular and Cellular Biology, 2014, 34, 2721-2731.	1.1	43
5	Longâ€term expression of the lamin <scp>A</scp> mutant associated with dilated cardiomyopathy induces senescence. Genes To Cells, 2014, 19, 901-918.	0.5	6
6	Perilipin 5, a Lipid Droplet-binding Protein, Protects Heart from Oxidative Burden by Sequestering Fatty Acid from Excessive Oxidation. Journal of Biological Chemistry, 2012, 287, 23852-23863.	1.6	190
7	Active involvement of micro-lipid droplets and lipid-droplet-associated proteins in hormone-stimulated lipolysis in adipocytes. Journal of Cell Science, 2012, 125, 6127-6136.	1.2	60
8	Genetic screening for modifiers of the DREF pathway in Drosophila melanogaster : identification and characterization of HP6 as a novel target of DREF. Nucleic Acids Research, 2009, 37, 1423-1437.	6.5	15
9	The DRE/DREF transcriptional regulatory system: a master key for cell proliferation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2008, 1779, 81-89.	0.9	66
10	Perilipin, a critical regulator of fat storage and breakdown, is a target gene of estrogen receptor-related receptor Î±. Biochemical and Biophysical Research Communications, 2008, 368, 563-568.	1.0	36
11	CGI-58 facilitates lipolysis on lipid droplets but is not involved in the vesiculation of lipid droplets caused by hormonal stimulation. Journal of Lipid Research, 2007, 48, 1078-1089.	2.0	142
12	hDREF Regulates Cell Proliferation and Expression of Ribosomal Protein Genes. Molecular and Cellular Biology, 2007, 27, 2003-2013.	1.1	68
13	Human DNA Replication-related Element Binding Factor (hDREF) Self-association via hATC Domain Is Necessary for Its Nuclear Accumulation and DNA Binding. Journal of Biological Chemistry, 2007, 282, 7563-7575.	1.6	21
14	Target Specificities of Estrogen Receptor-Related Receptors: Analysis of Binding Sequences and Identification of Rb1-Inducible Coiled-Coil 1 (Rb1cc1) as a Target Gene. Journal of Biochemistry, 2007, 143, 395-406.	0.9	6
15	Aspects of the regulatory mechanisms of PPAR functions: Analysis of a bidirectional response element and regulation by sumoylation. Molecular and Cellular Biochemistry, 2006, 286, 33-42.	1.4	48
16	Identification of a Gene Sharing a Promoter and Peroxisome Proliferator-Response Elements With Acyl-CoA Oxidase Gene. PPAR Research, 2006, 2006, 1-10.	1.1	3
17	Orphan Nuclear Receptor Nur77 Accelerates the Initial Phase of Adipocyte Differentiation in 3T3-L1 Cells by Promoting Mitotic Clonal Expansion. Journal of Biochemistry, 2006, 141, 181-192.	0.9	37
18	MLDP, a Novel PAT Family Protein Localized to Lipid Droplets and Enriched in the Heart, Is Regulated by Peroxisome Proliferator-activated Receptor Î±. Journal of Biological Chemistry, 2006, 281, 14232-14240.	1.6	177

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19	Peroxisome Proliferatorâ€“Activated Receptor Subtypes Differentially Cooperate with Other Transcription Factors in Selective Transactivation of the Perilipin/PEX11Î± Gene Pair. Journal of Biochemistry, 2006, 139, 563-573.	0.9	16
20	Transcriptional regulation of the Drosophila orc2 gene by the DREF pathway. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2005, 1732, 23-30.	2.4	17
21	GDNF-inducible zinc finger protein 1 is a sequence-specific transcriptional repressor that binds to the HOXA10 gene regulatory region. Nucleic Acids Research, 2005, 33, 4191-4201.	6.5	15
22	Negative regulation of adipogenesis from human mesenchymal stem cells by Jun N-terminal kinase. Biochemical and Biophysical Research Communications, 2005, 326, 499-504.	1.0	39
23	Genetic link between p53 and genes required for formation of the zonula adherens junction. Cancer Science, 2004, 95, 436-441.	1.7	10
24	DREF is required for EGFR signalling duringDrosophilawing vein development. Genes To Cells, 2004, 9, 935-944.	0.5	36
25	The transactivating function of peroxisome proliferator-activated receptor Î³ is negatively regulated by SUMO conjugation in the amino-terminal domain. Genes To Cells, 2004, 9, 1017-1029.	0.5	126
26	Armadillo/Pangolin regulates PCNA and DREF promoter activities. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1679, 256-262.	2.4	3
27	Redox regulation of DNA binding activity of DREF (DNA replication-related element binding factor) in Drosophila. Biochemical Journal, 2004, 378, 833-838.	1.7	12
28	Spatio-temporal expression of Drosophila mitochondrial transcription factor A during development. Cell Biology International, 2003, 27, 361-374.	1.4	5
29	Transcription control of a gene for Drosophila transcription factor, DREF by DRE and cis-elements conserved between Drosophila melanogaster and virilis. Gene, 2003, 309, 101-116.	1.0	15
30	Identification of a Human Homologue of the DREF Transcription Factor with a Potential Role in Regulation of the Histone H1 Gene. Journal of Biological Chemistry, 2003, 278, 22928-22938.	1.6	58
31	Drosophila damage-specific DNA-binding protein 1 (D-DDB1) is controlled by the DRE/DREF system. Nucleic Acids Research, 2002, 30, 3795-3808.	6.5	21
32	Dual Roles of p300 in Chromatin Assembly and Transcriptional Activation in Cooperation with Nucleosome Assembly Protein 1 In Vitro. Molecular and Cellular Biology, 2002, 22, 2974-2983.	1.1	86
33	Drosophila Mi-2 Negatively Regulates dDREF by Inhibiting Its DNA-Binding Activity. Molecular and Cellular Biology, 2002, 22, 5182-5193.	1.1	44
34	Drosophila Mitochondrial Transcription Factor A: Characterization of Its cDNA and Expression Pattern during Development. Biochemical and Biophysical Research Communications, 2001, 287, 474-483.	1.0	34
35	Over-expression of DREF in theDrosophilawing imaginal disc induces apoptosis and a notching wing phenotype. Genes To Cells, 2001, 6, 877-886.	0.5	27
36	Ectopic expression of BEAF32A in the Drosophila eye imaginal disc inhibits differentiation of photoreceptor cells and induces apoptosis. Chromosoma, 2001, 110, 313-321.	1.0	13

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37	E2F-dependent transcription of the raf proto-oncogene during Drosophila development. Nucleic Acids Research, 2001, 29, 1808-1814.	6.5	5
38	Ectopic Expression of DREF Induces DNA Synthesis, Apoptosis, and Unusual Morphogenesis in the Drosophila Eye Imaginal Disc: Possible Interaction with Polycomb and trithorax Group Proteins. Molecular and Cellular Biology, 2001, 21, 7231-7242.	1.1	76
39	Molecular cloning and expression during development of the Drosophila gene for the catalytic subunit of DNA polymerase Îµ. Gene, 2000, 256, 93-100.	1.0	12
40	Characterization of a Drosophila homologue of the human myelodysplasia/myeloid leukemia factor (MLF). Gene, 2000, 260, 133-143.	1.0	23
41	Ectopic expression of human p53 inhibits entry into Sâ€‰phase and induces apoptosis in the Drosophila eye imaginal disc. Oncogene, 1999, 18, 6767-6775.	2.6	50
42	Targeted Expression of the DNA Binding Domain of DRE-Binding Factor, a Drosophila Transcription Factor, Attenuates DNA Replication of the Salivary Gland and Eye Imaginal Disc. Molecular and Cellular Biology, 1999, 19, 6020-6028.	1.1	43
43	cDNA cloning and expression during development of Drosophila melanogaster MCM3, MCM6 and MCM7. Gene, 1998, 217, 177-186.	1.0	15
44	The DNA Replication-related Element (DRE)/DRE-binding Factor System Is a Transcriptional Regulator of the Drosophila E2FGene. Journal of Biological Chemistry, 1998, 273, 26042-26051.	1.6	78
45	Identification of CFDD (Common Regulatory Factor for DNA Replication and DREF Genes) and Role of Its Binding Site in Regulation of the Proliferating Cell Nuclear Antigen Gene Promoter. Journal of Biological Chemistry, 1997, 272, 22848-22858.	1.6	19
46	Distinct Roles of E2F Recognition Sites as Positive or Negative Elements in Regulation of the DNA Polymerase Â 180 kDa Catalytic Subunit Gene Promoter during Drosophila Development. Nucleic Acids Research, 1997, 25, 3847-3854.	6.5	16
47	DNA Polymerase Ïµ fromDrosophila melanogaster. Biochemical and Biophysical Research Communications, 1997, 230, 297-301.	1.0	40
48	Use of a fusion protein to obtain crystals suitable for Xâ€ray analysis: Crystallization of a GSTâ€fused protein containing the DNAâ€binding domain of DNA replicationâ€related elementâ€binding factor, DREF. Protein Science, 1997, 6, 1783-1786.	3.1	32
49	Roles of multiple promoter elements of the proliferating cell nuclear antigen gene during Drosophila development. Genes To Cells, 1996, 1, 47-58.	0.5	42
50	Isolation and Characterization of cDNA for DREF, a Promoter-activating Factor for Drosophila DNA Replication-related Genes. Journal of Biological Chemistry, 1996, 271, 3930-3937.	1.6	118
51	DNA Replication-related Elements Cooperate to Enhance Promoter Activity of the DNA Polymerase Î± 73-kDa Subunit Gene. Journal of Biological Chemistry, 1996, 271, 14541-14547.	1.6	50
52	Transcriptional regulation of the Drosophila CycA gene by the DNA replication-related element (DRE) and DRE binding factor (DREF). Nucleic Acids Research, 1996, 24, 3942-3946.	6.5	71
53	A Nucleotide Sequence Essential for the Function of DRE, a Common Promoter Element for Drosophila DNA Replication-related Genes. Journal of Biological Chemistry, 1995, 270, 15808-15814.	1.6	55
54	The DRE sequence TATCGATA, a putative promoter-activating element for Drosophila melanogaster cell-proliferation-related genes. Gene, 1995, 166, 233-236.	1.0	37

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55	Expression patterns of DNA replication enzymes and the regulatory factor DREF during Drosophila development analyzed with specific antibodies. Biology of the Cell, 1995, 85, 147-155.	0.7	27
56	Transcriptional Regulation of DNA Replication-related Genes in Cell Growth, Differentiation and Oncogenesis. Japanese Journal of Cancer Research, 1994, 85, 1-8.	1.7	21
57	Structure and expression during development ofDrosophila melanogastergene for DNA polymerase Î±. Nucleic Acids Research, 1991, 19, 4991-4998.	6.5	68
58	Expression of active rat DNA polymerase .beta. in Escherichia coli. Biochemistry, 1988, 27, 2983-2990.	1.2	191