Mitsuru Okuwaki

List of Publications by Year
in descending order

51 papers	2,939 citations	218677 26 h-index	206112 48 g-index
55 all docs	55 docs citations	55 times ranked	3321 citing authors

#	Article	IF	Citations
1	Epigenetic Control of rDNA Loci in Response to Intracellular Energy Status. Cell, 2008, 133, 627-639.	28.9	360
2	Structural basis of HP1/PXVXL motif peptide interactions and HP1 localisation to heterochromatin. EMBO Journal, 2004, 23, 489-499.	7.8	247
3	Function of nucleophosmin/B23, a nucleolar acidic protein, as a histone chaperone. FEBS Letters, 2001, 506, 272-276.	2.8	230
4	The Structure and Functions of NPM1/Nucleophsmin/B23, a Multifunctional Nucleolar Acidic Protein. Journal of Biochemistry, 2007, 143, 441-448.	1.7	181
5	The RNA Binding Activity of a Ribosome Biogenesis Factor, Nucleophosmin/B23, Is Modulated by Phosphorylation with a Cell Cycle-dependent Kinase and by Association with Its Subtype. Molecular Biology of the Cell, 2002, 13, 2016-2030.	2.1	158
6	Transcription Regulation of the rRNA Gene by a Multifunctional Nucleolar Protein, B23/Nucleophosmin, through Its Histone Chaperone Activity. Molecular and Cellular Biology, 2008, 28, 3114-3126.	2.3	142
7	Identification of nucleophosmin/B23, an acidic nucleolar protein, as a stimulatory factor for in vitro replication of adenovirus DNA complexed with viral basic core proteins. Journal of Molecular Biology, 2001, 311, 41-55.	4.2	127
8	Template Activating Factor-I Remodels the Chromatin Structure and Stimulates Transcription from the Chromatin Template. Journal of Biological Chemistry, 1998, 273, 34511-34518.	3.4	116
9	Cellular Localization and Expression of Template-Activating Factor I in Different Cell Types. Experimental Cell Research, 1998, 240, 274-281.	2.6	109
10	NAPâ€‘1 is a functional homologue of TAFâ€‘I that is required for replication and transcription of the adenovirus genome in a chromatinâ€‘like structure. Genes To Cells, 1996, 1, 1045-1056.	1.2	96
11	pp32 and APRIL are host cell-derived regulators of influenza virus RNA synthesis from cRNA. ELife, 2015, 4, .	6.0	83
12	Assembly and Disassembly of Nucleosome Core Particles Containing Histone Variants by Human Nucleosome Assembly Protein I. Molecular and Cellular Biology, 2005, 25, 10639-10651.	2.3	80
13	Involvement of Template-Activating Factor I/SET in Transcription of Adenovirus Early Genes as a Positive-Acting Factor. Journal of Virology, 2006, 80, 794-801.	3.4	72
14	Functional characterization of human nucleosome assembly protein 1â€‘like proteins as histone chaperones. Genes To Cells, 2010, 15, 13-27.	1.2	71
15	Function of homo- and hetero-oligomers of human nucleoplasmin/nucleophosmin family proteins NPM1, NPM2 and NPM3 during sperm chromatin remodeling. Nucleic Acids Research, 2012, 40, 4861-4878.	14.5	67
16	Stimulation of DNA Transcription by the Replication Factor from the Adenovirus Genome in a Chromatin-like Structure. Journal of Biological Chemistry, 1995, 270, 9645-9650.	3.4	59
17	Ternary complex formation between DNA-adenovirus core protein VII and TAF-Iβ/SET, an acidic molecular chaperone. FEBS Letters, 2003, 555, 521-527.	2.8	57
18	Coiled-coil structure-mediated dimerization of template activating factor-I is critical for its chromatin remodeling activity. Journal of Molecular Biology, 1999, 290, 547-557.	4.2	54

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19	Herpes simplex virus type 1 tegument protein VP22 interacts with TAF-I proteins and inhibits nucleosome assembly but not regulation of histone acetylation by INHAT. Journal of General Virology, 2003, 84, 2501-2510.	2.9	52
20	Intrinsically disordered regions of nucleophosmin/B23 regulate its RNA binding activity through their inter- and intra-molecular association. Nucleic Acids Research, 2014, 42, 1180-1195.	14.5	50
21	Efficient DNA binding of NF-Î¹B requires the chaperone-like function of NPM1. Nucleic Acids Research, 2016, 45, gkw1285.	14.5	46
22	Maintenance DNA Methylation of Nucleosome Core Particles. Journal of Biological Chemistry, 2004, 279, 2904-2912.	3.4	42
23	Physical and functional interaction between a nucleolar protein nucleophosmin/B23 and adenovirus basic core proteins. FEBS Letters, 2007, 581, 3283-3288.	2.8	41
24	Role of Template Activating Factor-I as a chaperone in linker histone dynamics. Journal of Cell Science, 2011, 124, 3254-3265.	2.0	39
25	Leukemia-Associated Nup214 Fusion Proteins Disturb the XPO1-Mediated Nuclear-Cytoplasmic Transport Pathway and Thereby the NF-Î¹B Signaling Pathway. Molecular and Cellular Biology, 2016, 36, 1820-1835.	2.3	37
26	Regulation of Nucleolar Chromatin by B23/Nucleophosmin Jointly Depends upon Its RNA Binding Activity and Transcription Factor UBF. Molecular and Cellular Biology, 2010, 30, 4952-4964.	2.3	34
27	Histone- and chromatin-binding activity of template activating factor-I. FEBS Letters, 1999, 463, 285-288.	2.8	27
28	Histone acetylation-independent transcription stimulation by a histone chaperone. Nucleic Acids Research, 2007, 35, 705-715.	14.5	25
29	B23/nucleophosmin is involved in regulation of adenovirus chromatin structure at late infection stages, but not in virus replication and transcription. Journal of General Virology, 2012, 93, 1328-1338.	2.9	22
30	Câ€terminal acidic domain of histone chaperone human <scp>NAP</scp>1 is an efficient binding assistant for histone H2Aâ€H2B, but not H3â€H4. Genes To Cells, 2016, 21, 252-263.	1.2	21
31	Formation of adenovirus DNA replication compartments and viral DNA accumulation sites by host chromatin regulatory proteins including NPM1. FEBS Journal, 2020, 287, 205-217.	4.7	21
32	Tracking adenovirus genomes identifies morphologically distinct late <scp>DNA</scp> replication compartments. Traffic, 2016, 17, 1168-1180.	2.7	18
33	Identification of a Novel and Unique Transcription Factor in the Intraerythrocytic Stage of Plasmodium falciparum. PLoS ONE, 2013, 8, e74701.	2.5	13
34	Internal Associations of the Acidic Region of Upstream Binding Factor Control Its Nucleolar Localization. Molecular and Cellular Biology, 2017, 37, .	2.3	13
35	Pre-mRNA Processing Factor Prp18 Is a Stimulatory Factor of Influenza Virus RNA Synthesis and Possesses Nucleoprotein Chaperone Activity. Journal of Virology, 2017, 91, .	3.4	13
36	Regulation of Cellular Dynamics and Chromosomal Binding Site Preference of Linker Histones H1.0 and H1.X. Molecular and Cellular Biology, 2016, 36, 2681-2696.	2.3	12

#	Article	IF	Citations
37	The interaction between nucleophosmin/NPM1 and the large ribosomal subunit precursors contribute to maintaining the nucleolar structure. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118879.	4.1	12
38	5â€² sequence- and chromatin modification-dependent gene expression in Plasmodium falciparum erythrocytic stage. Molecular and Biochemical Parasitology, 2008, 162, 40-51.	1.1	11
39	Reconstitution of human rRNA gene transcription in mouse cells by complete SL1 complex. Journal of Cell Science, 2014, 127, 3309-19.	2.0	11
40	Selective regulation of type II interferonâ€inducible genes by NPM1/nucleophosmin. FEBS Letters, 2018, 592, 244-255.	2.8	11
41	RNA-recognition motifs and glycine and arginine-rich region cooperatively regulate the nucleolar localization of nucleolin. Journal of Biochemistry, 2021, 169, 87-100.	1.7	11
42	Normal pulse voltammetry for facilitated ion transfer processes across two immiscible liquidâ€“liquid interfaces. Electrochimica Acta, 1998, 44, 117-124.	5.2	8
43	Functional characterization and efficient detection of Nucleophosmin/NPM1 oligomers. Biochemical and Biophysical Research Communications, 2016, 480, 702-708.	2.1	8
44	Upstream binding factor-dependent and pre-rRNA transcription-independent association of pre-rRNA processing factors with rRNA gene. Biochemical and Biophysical Research Communications, 2014, 443, 22-27.	2.1	7
45	G-patch domain-containing protein 4 localizes to both the nucleoli and Cajal bodies and regulates cell growth and nucleolar structure. Biochemical and Biophysical Research Communications, 2021, 559, 99-105.	2.1	6
46	SETâ€NUP214 and MLL cooperatively regulate the promoter activity of the HoxA10 gene. Genes To Cells, 2021, 26, 830-837.	1.2	6
47	Function of Nup98 subtypes and their fusion proteins, Nup98-TopIIÎ² and Nup98-SETBP1 in nuclear-cytoplasmic transport. Biochemical and Biophysical Research Communications, 2017, 487, 96-102.	2.1	5
48	Assembly and remodeling of viral DNA and RNA replicons regulated by cellular molecular chaperones. Biophysical Reviews, 2018, 10, 445-452.	3.2	2
49	Depth estimation for automotive with tilted optics imaging. , 2014, , .		1
50	Wide range depth estimation from two blurred images with tilted lens optics. , 2014, , .		0
51	Generation of Leukemiaâ€Associated Nucleoporin Fusion Genes Affects Nuclear Pore Complex Integrity. FASEB Journal, 2021, 35, .	0.5	0