

Hiroyoshi Ariga

List of Publications by Year in descending order

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201
papers

10,373
citations

36203

51
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94
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206
all docs

206
docs citations

206
times ranked

8579
citing authors

#	ARTICLE	IF	CITATIONS
1	DJ-1 has a role in antioxidative stress to prevent cell death. <i>EMBO Reports</i> , 2004, 5, 213-218.	2.0	786
2	DJ-1, a Novel Oncogene Which Transforms Mouse NIH3T3 Cells in Cooperation withras. <i>Biochemical and Biophysical Research Communications</i> , 1997, 231, 509-513.	1.0	699
3	Down regulation of DJ-1 enhances cell death by oxidative stress, ER stress, and proteasome inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 1342-1348.	1.0	338
4	Cysteine-106 of DJ-1 is the most sensitive cysteine residue to hydrogen peroxide-mediated oxidation in vivo in human umbilical vein endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 722-728.	1.0	338
5	Neuroprotective Function of DJ-1 in Parkinson's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-9.	1.9	299
6	DJ-1 Positively Regulates the Androgen Receptor by Impairing the Binding of PIAS1 to the Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 37556-37563.	1.6	296
7	Neurodegeneration of mouse nigrostriatal dopaminergic system induced by repeated oral administration of rotenone is prevented by 4-phenylbutyrate, a chemical chaperone. <i>Journal of Neurochemistry</i> , 2007, 101, 1491-1504.	2.1	211
8	The Crystal Structure of DJ-1, a Protein Related to Male Fertility and Parkinson's Disease. <i>Journal of Biological Chemistry</i> , 2003, 278, 31380-31384.	1.6	201
9	The Slp Homology Domain of Synaptotagmin-like Proteins 1 and 2 Functions as a Novel Rab27A Binding Domain. <i>Journal of Biological Chemistry</i> , 2002, 277, 9212-9218.	1.6	197
10	DJ-1 binds to mitochondrial complex I and maintains its activity. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 667-672.	1.0	172
11	DJBP: a novel DJ-1-binding protein, negatively regulates the androgen receptor by recruiting histone deacetylase complex, and DJ-1 antagonizes this inhibition by abrogation of this complex. <i>Molecular Cancer Research</i> , 2003, 1, 247-61.	1.5	172
12	PARK7 DJ-1 protects against degeneration of nigral dopaminergic neurons in Parkinson's disease rat model. <i>Neurobiology of Disease</i> , 2006, 24, 144-158.	2.1	169
13	Reduced anti-oxidative stress activities of DJ-1 mutants found in Parkinson's disease patients. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 389-397.	1.0	161
14	Induction of Reactive Oxygen Species by Bisphenol A and Abrogation of Bisphenol A-Induced Cell Injury by DJ-1. <i>Toxicological Sciences</i> , 2005, 88, 114-126.	1.4	147
15	Association of DJ-1 with chaperones and enhanced association and colocalization with mitochondrial Hsp70 by oxidative stress. <i>Free Radical Research</i> , 2005, 39, 1091-1099.	1.5	146
16	Diversity of Sites for Measles Virus Binding and for Inactivation of Complement C3b and C4b on Membrane Cofactor Protein CD46. <i>Journal of Biological Chemistry</i> , 1995, 270, 15148-15152.	1.6	136
17	A Role for the Cleaved Cytoplasmic Domain of E-cadherin in the Nucleus. <i>Journal of Biological Chemistry</i> , 2008, 283, 12691-12700.	1.6	136
18	Expression of a cloned gene segment of poliovirus in E. coli: Evidence for autocatalytic production of the viral proteinase. <i>Cell</i> , 1984, 37, 1063-1073.	13.5	126

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19	Reciprocal Regulation via Protein-Protein Interaction between c-Myc and p21 in DNA Replication and Transcription. <i>Journal of Biological Chemistry</i> , 2000, 275, 10477-10483.	1.6	114
20	The Actin-Binding Domain of Slac2-a/Melanophilin Is Required for Melanosome Distribution in Melanocytes. <i>Molecular and Cellular Biology</i> , 2003, 23, 5245-5255.	1.1	112
21	Modulation of collagen fibrillogenesis by tenascin-X and type VI collagen. <i>Experimental Cell Research</i> , 2004, 298, 305-315.	1.2	105
22	MM-1, a Novel c-Myc-associating Protein That Represses Transcriptional Activity of c-Myc. <i>Journal of Biological Chemistry</i> , 1998, 273, 29794-29800.	1.6	102
23	Efficient Targeted Mutagenesis in Medaka Using Custom-Designed Transcription Activator-Like Effector Nucleases. <i>Genetics</i> , 2013, 193, 739-749.	1.2	102
24	DJ-1 Protects against Neurodegeneration Caused by Focal Cerebral Ischemia and Reperfusion in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 563-578.	2.4	100
25	Identification of heterochromatin protein 1 (HP1) as a phosphorylation target by Pim-1 kinase and the effect of phosphorylation on the transcriptional repression function of HP1. <i>FEBS Letters</i> , 2000, 467, 17-21.	1.3	98
26	A Novel Transrepression Pathway of c-Myc. <i>Journal of Biological Chemistry</i> , 2001, 276, 46562-46567.	1.6	89
27	CHFR Protein Regulates Mitotic Checkpoint by Targeting PARP-1 Protein for Ubiquitination and Degradation. <i>Journal of Biological Chemistry</i> , 2012, 287, 12975-12984.	1.6	87
28	A cleavage product of the adenovirus DNA binding protein is active in DNA replication in vitro. <i>Virology</i> , 1980, 101, 307-310.	1.1	85
29	DJ-1, a Target Protein for an Endocrine Disrupter, Participates in the Fertilization in Mice.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 853-856.	0.6	85
30	Secretion of DJ-1 into the serum of patients with Parkinson's disease. <i>Neuroscience Letters</i> , 2008, 431, 86-89.	1.0	84
31	Oxidized DJ-1 Inhibits p53 by Sequestering p53 from Promoters in a DNA-Binding Affinity-Dependent Manner. <i>Molecular and Cellular Biology</i> , 2013, 33, 340-359.	1.1	83
32	Oxidative Stress Induction of DJ-1 Protein in Reactive Astrocytes Scavenges Free Radicals and Reduces Cell Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2009, 2, 36-42.	1.9	80
33	Synaptotagmin-like protein 5: a novel Rab27A effector with C-terminal tandem C2 domains. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 899-906.	1.0	78
34	AMYA1, a novel c-MYC binding protein that stimulates transcription activity of c-MYC. <i>Genes To Cells</i> , 1998, 3, 549-565.	0.5	77
35	Human DJ-1-specific Transcriptional Activation of Tyrosine Hydroxylase Gene. <i>Journal of Biological Chemistry</i> , 2010, 285, 39718-39731.	1.6	75
36	Oxidative Status of DJ-1-dependent Activation of Dopamine Synthesis through Interaction of Tyrosine Hydroxylase and 4-Dihydroxy-l-phenylalanine (l-DOPA) Decarboxylase with DJ-1. <i>Journal of Biological Chemistry</i> , 2009, 284, 28832-28844.	1.6	73

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37	TOK-1, a Novel p21Cip1-binding Protein That Cooperatively Enhances p21-dependent Inhibitory Activity toward CDK2 Kinase. <i>Journal of Biological Chemistry</i> , 2000, 275, 31145-31154.	1.6	70
38	Roles of distinct cysteine residues in S-nitrosylation and dimerization of DJ-1. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 667-672.	1.0	69
39	Tumour invasion and metastasis are promoted in mice deficient in tenascin-X. <i>Genes To Cells</i> , 2001, 6, 1101-1111.	0.5	67
40	PAP-1, the mutated gene underlying the RP9 form of dominant retinitis pigmentosa, is a splicing factor. <i>Experimental Cell Research</i> , 2004, 300, 283-296.	1.2	67
41	Transcription and replication silencer element is present within conserved region of human Alu repeats interacting with nuclear protein. <i>FEBS Letters</i> , 1990, 263, 69-72.	1.3	66
42	ER-stress-associated functional link between Parkin and DJ-1 via a transcriptional cascade involving the tumor suppressor p53 and the spliced X-box binding protein XBP-1. <i>Journal of Cell Science</i> , 2013, 126, 2124-33.	1.2	65
43	MM-1, a c-Myc-binding Protein, Is a Candidate for a Tumor Suppressor in Leukemia/Lymphoma and Tongue Cancer. <i>Journal of Biological Chemistry</i> , 2001, 276, 45137-45144.	1.6	64
44	DJ-1-binding compounds prevent oxidative stress-induced cell death and movement defect in Parkinson's disease model rats. <i>Journal of Neurochemistry</i> , 2008, 105, 2418-2434.	2.1	64
45	Extracellular matrix tenascin-X in combination with vascular endothelial growth factor B enhances endothelial cell proliferation. <i>Genes To Cells</i> , 2000, 5, 913-927.	0.5	63
46	Molecular cloning of human and mouse DJ-1 genes and identification of Sp1-dependent activation of the human DJ-1 promoter. <i>Gene</i> , 2001, 263, 285-292.	1.0	63
47	Cell Cycle-dependent Switch of Up- and Down-regulation of Human hsp70 Gene Expression by Interaction between c-Myc and CBF/NF-Y. <i>Journal of Biological Chemistry</i> , 1999, 274, 24270-24279.	1.6	62
48	DJ-1 interacts with HIPK1 and affects H2O2-induced cell death. <i>Free Radical Research</i> , 2006, 40, 155-165.	1.5	58
49	Mortalin and DJ-1 coordinately regulate hematopoietic stem cell function through the control of oxidative stress. <i>Blood</i> , 2014, 123, 41-50.	0.6	58
50	PAP-1, a novel target protein of phosphorylation by Pim-1 kinase. <i>FEBS Journal</i> , 2000, 267, 5168-5178.	0.2	56
51	Structural analysis of mouse tenascin-X: evolutionary aspects of reduplication of FNIII repeats in the tenascin gene family. <i>Gene</i> , 1998, 217, 1-13.	1.0	55
52	Deficiency of tenascin-X causes a decrease in the level of expression of type VI collagen. <i>Experimental Cell Research</i> , 2004, 297, 49-60.	1.2	51
53	DJ-1 restores p53 transcription activity inhibited by Topors/p53BP3. <i>International Journal of Oncology</i> , 2005, 26, 641-8.	1.4	51
54	Pyroloquinoline Quinone Prevents Oxidative Stress-Induced Neuronal Death Probably through Changes in Oxidative Status of DJ-1. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1321-1326.	0.6	50

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55	Cross-family interaction between the bHLHZip USF and bZip Fra1 proteins results in down-regulation of AP1 activity. <i>Oncogene</i> , 1997, 14, 2091-2098.	2.6	49
56	Prefoldin Protects Neuronal Cells from Polyglutamine Toxicity by Preventing Aggregation Formation. <i>Journal of Biological Chemistry</i> , 2013, 288, 19958-19972.	1.6	49
57	Monomer DJ-1 and Its N-Terminal Sequence Are Necessary for Mitochondrial Localization of DJ-1 Mutants. <i>PLoS ONE</i> , 2013, 8, e54087.	1.1	49
58	Neuroprotective effect of a new DJ-1-binding compound against neurodegeneration in Parkinson's disease and stroke model rats. <i>Molecular Neurodegeneration</i> , 2011, 6, 48.	4.4	48
59	DJ-1 restores p53 transcription activity inhibited by Topors/p53BP3. <i>International Journal of Oncology</i> , 2005, 26, 641.	1.4	47
60	Neuroprotective effect of the antiparkinsonian drug pramipexole against nigrostriatal dopaminergic degeneration in rotenone-treated mice. <i>Neurochemistry International</i> , 2009, 55, 760-767.	1.9	46
61	Protection Against Dopaminergic Neurodegeneration in Parkinson's Disease Model Animals by a Modulator of the Oxidized Form of DJ-1, a Wild-type of Familial Parkinson's Disease-Linked PARK7. <i>Journal of Pharmacological Sciences</i> , 2011, 117, 189-203.	1.1	46
62	Immunocytochemical localization of DJ-1 in human male reproductive tissue. <i>Molecular Reproduction and Development</i> , 2003, 66, 391-397.	1.0	45
63	Pim-1 translocates sorting nexin 6/TRAF4-associated factor 2 from cytoplasm to nucleus. <i>FEBS Letters</i> , 2001, 506, 33-38.	1.3	43
64	Novel Role of Phosphatidylinositol 3-Kinase in CD28-mediated Costimulation. <i>Journal of Biological Chemistry</i> , 2001, 276, 9003-9008.	1.6	43
65	Oxidation of DJ-1-dependent cell transformation through direct binding of DJ-1 to PTEN. <i>International Journal of Oncology</i> , 2009, 35, 1331-41.	3.9	43
66	MSSP promotes ras/myc cooperative cell transforming activity by binding to c-Myc. <i>Genes To Cells</i> , 2000, 5, 127-141.	0.5	42
67	Prefoldin Plays a Role as a Clearance Factor in Preventing Proteasome Inhibitor-induced Protein Aggregation. <i>Journal of Biological Chemistry</i> , 2013, 288, 27764-27776.	1.6	41
68	Initiation and termination sites of adenovirus 12 DNA replication. <i>Virology</i> , 1977, 78, 415-424.	1.1	40
69	c-mycprotein can be substituted for SV40 T antigen in SV40 DNA replication. <i>Nucleic Acids Research</i> , 1987, 15, 4889-4899.	6.5	40
70	DJ-1 associates with synaptic membranes. <i>Neurobiology of Disease</i> , 2011, 43, 651-662.	2.1	40
71	DJ-1 cooperates with PYCR1 in cell protection against oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 289-294.	1.0	40
72	AMY-1, a c-Myc-binding Protein, Is Localized in the Mitochondria of Sperm by Association with S-AKAP84, an Anchor Protein of cAMP-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2001, 276, 36647-36651.	1.6	39

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73	Co-localization with DJ-1 Is Essential for the Androgen Receptor to Exert Its Transcription Activity that Has Been Impaired by Androgen Antagonists. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 574-577.	0.6	39
74	Expression profiles of genes in DJ-1-knockdown and L166P DJ-1 mutant cells. <i>Neuroscience Letters</i> , 2005, 390, 54-59.	1.0	39
75	Identification and characterization of an oocyte factor required for development of porcine nuclear transfer embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7040-7045.	3.3	38
76	Immunostaining of Oxidized DJ-1 in Human and Mouse Brains. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 714-728.	0.9	38
77	DJ-1 degrades transthyretin and an inactive form of DJ-1 is secreted in familial amyloidotic polyneuropathy. <i>International Journal of Molecular Medicine</i> , 2007, 19, 885-93.	1.8	38
78	ORC1 interacts with c-Myc to inhibit E-box-dependent transcription by abrogating c-Myc-SNF5/INI1 interaction. <i>Genes To Cells</i> , 2000, 5, 481-490.	0.5	37
79	Association of PAP-1 and Prp3p, the products of causative genes of dominant retinitis pigmentosa, in the tri-snRNP complex. <i>Experimental Cell Research</i> , 2005, 302, 61-68.	1.2	37
80	Kaempferol Derivatives Prevent Oxidative Stress-Induced Cell Death in a DJ-1-Dependent Manner. <i>Journal of Pharmacological Sciences</i> , 2009, 110, 191-200.	1.1	37
81	c-myc protein complex binds to two sites in human hsp70 promoter region. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992, 1130, 166-174.	2.4	35
82	Molecular cloning of MSSP-2, a c-myc gene single-strand binding protein: characterization of binding specificity and DNA replication activity. <i>Nucleic Acids Research</i> , 1994, 22, 5576-5581.	6.5	35
83	AMY-1 Interacts with S-AKAP84 and AKAP95 in the Cytoplasm and the Nucleus, Respectively, and Inhibits cAMP-dependent Protein Kinase Activity by Preventing Binding of Its Catalytic Subunit to A-kinase-anchoring Protein (AKAP) Complex. <i>Journal of Biological Chemistry</i> , 2002, 277, 50885-50892.	1.6	35
84	Hepatitis C virus ARFP/F protein interacts with cellular MM-1 protein and enhances the gene trans-activation activity of c-Myc. <i>Journal of Biomedical Science</i> , 2008, 15, 417-425.	2.6	35
85	DJ-1, a causative gene product of a familial form of Parkinson's disease, is secreted through microdomains. <i>FEBS Letters</i> , 2008, 582, 2643-2649.	1.3	35
86	Transcriptional Activation of Low-Density Lipoprotein Receptor Gene by DJ-1 and Effect of DJ-1 on Cholesterol Homeostasis. <i>PLoS ONE</i> , 2012, 7, e38144.	1.1	35
87	Protection Against Oxidative Stress-Induced Neurodegeneration by a Modulator for DJ-1, the Wild-Type of Familial Parkinson's Disease-Linked PARK7. <i>Journal of Pharmacological Sciences</i> , 2009, 109, 463-468.	1.1	34
88	Localization, Expression, and the Role in Fertilization of Spermosin, an Ascidian Sperm Trypsin-like Protease. <i>Biochemical and Biophysical Research Communications</i> , 1996, 222, 499-504.	1.0	32
89	Identification of the initiation region of DNA replication in the murine immunoglobulin heavy chain gene and possible function of the octamer motif as a putative DNA replication origin in mammalian cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1993, 1172, 73-81.	2.4	31
90	DJ-1 activates SIRT1 through its direct binding to SIRT1. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 131-136.	1.0	31

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91	Transcriptional Regulation of DJ-1. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1037, 89-95.	0.8	31
92	Inhibition of c-myc gene expression in murine lymphoblastoma cells by geldanamycin and herbimycin, antibiotics of benzoquinoid ansamycin group.. <i>Journal of Antibiotics</i> , 1989, 42, 604-610.	1.0	30
93	Cloned origin of DNA replication in c-myc gene can function and be transmitted in transgenic mice in an episomal state. <i>Nucleic Acids Research</i> , 1990, 18, 5425-5432.	6.5	30
94	Induction of matrix metalloproteinase-2 by tenascin-X deficiency is mediated through the c-Jun N-terminal kinase and protein tyrosine kinase phosphorylation pathway. <i>Experimental Cell Research</i> , 2004, 297, 404-414.	1.2	30
95	PAPA-1 Is a Nuclear Binding Partner of IGFBP-2 and Modulates Its Growth-Promoting Actions. <i>Molecular Endocrinology</i> , 2009, 23, 169-175.	3.7	30
96	Common Mechanisms of Onset of Cancer and Neurodegenerative Diseases. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 795-808.	0.6	30
97	Prefoldin prevents aggregation of α -synuclein. <i>Brain Research</i> , 2014, 1542, 186-194.	1.1	29
98	Specific cleavage of DJ-1 under an oxidative condition. <i>Neuroscience Letters</i> , 2006, 406, 165-168.	1.0	28
99	Distribution of DJ-1, Parkinson's Disease-Related Protein PARK7, and Its Alteration in 6-Hydroxydopamine-Treated Hemiparkinsonian Rat Brain. <i>Journal of Pharmacological Sciences</i> , 2006, 102, 243-247.	1.1	28
100	Primary structure, genomic organization and expression of the major secretory protein of murine epididymis, ME1. <i>Gene</i> , 2000, 251, 55-62.	1.0	27
101	Negative regulation of the Wnt signal by MM-1 through inhibiting expression of the wnt4 gene. <i>Experimental Cell Research</i> , 2008, 314, 1217-1228.	1.2	27
102	Epidermal Growth Factor-dependent Activation of the Extracellular Signal-regulated Kinase Pathway by DJ-1 Protein through Its Direct Binding to c-Raf Protein. <i>Journal of Biological Chemistry</i> , 2015, 290, 17838-17847.	1.6	27
103	AAT-1, a Novel Testis-specific AMY-1-binding Protein, Forms a Quaternary Complex with AMY-1, A-kinase Anchor Protein 84, and a Regulatory Subunit of cAMP-dependent Protein Kinase and Is Phosphorylated by Its Kinase. <i>Journal of Biological Chemistry</i> , 2002, 277, 45480-45492.	1.6	26
104	AMY-1 (associate of Myc-1) localization to the trans-Golgi network through interacting with BIG2, a guanine-nucleotide exchange factor for ADP-ribosylation factors. <i>Genes To Cells</i> , 2006, 11, 949-959.	0.5	26
105	DJ-1-Mediated Protective Effect of Protocatechuic Aldehyde Against Oxidative Stress in SH-SY5Y Cells. <i>Journal of Pharmacological Sciences</i> , 2011, 115, 36-44.	1.1	25
106	Prefoldin Subunits Are Protected from Ubiquitin-Proteasome System-mediated Degradation by Forming Complex with Other Constituent Subunits. <i>Journal of Biological Chemistry</i> , 2011, 286, 19191-19203.	1.6	25
107	DJ-1, an oncogene and causative gene for familial Parkinson's disease, is essential for SV40 transformation in mouse fibroblasts through up-regulation of c-Myc. <i>FEBS Letters</i> , 2010, 584, 3891-3895.	1.3	24
108	The Role of Vpr in the Regulation of HIV-1 Gene Expression. <i>Cell Cycle</i> , 2006, 5, 2626-2638.	1.3	23

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109	Distribution of extracellular matrix tenascin-X in sciatic nerves. <i>Acta Neuropathologica</i> , 2002, 104, 448-454.	3.9	22
110	Transcriptional regulation of the legumain gene by p53 in HCT116 cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 613-618.	1.0	22
111	DJ-1-dependent protective activity of DJ-1-binding compound no. 23 against neuronal cell death in MPTP-treated mouse model of Parkinson's disease. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 305-310.	1.1	22
112	Transcription Factor Sp1 Activates the Expression of the Mouse Tenascin-X Gene. <i>Biochemical and Biophysical Research Communications</i> , 2000, 267, 626-631.	1.0	21
113	MSSP, a protein binding to an origin of replication in the c-myc gene, interacts with a catalytic subunit of DNA polymerase β and stimulates its polymerase activity. <i>FEBS Letters</i> , 2000, 475, 209-212.	1.3	21
114	High levels of DJ-1 protein and isoelectric point 6.3 isoform in sera of breast cancer patients. <i>Cancer Science</i> , 2015, 106, 938-943.	1.7	21
115	A novel G1-specific enhancer identified in the human heat shock protein 70 gene. <i>Nucleic Acids Research</i> , 1997, 25, 1975-1983.	6.5	20
116	Functional domains involved in the interaction between Orc1 and transcriptional repressor AIF-C that bind to an origin/promoter of the rat aldolase B gene. <i>Nucleic Acids Research</i> , 2002, 30, 5205-5212.	6.5	20
117	Rabring7 Degrades c-Myc through Complex Formation with MM-1. <i>PLoS ONE</i> , 2012, 7, e41891.	1.1	20
118	DJ-1 Protects Pancreatic Beta Cells from Cytokine- and Streptozotocin-Mediated Cell Death. <i>PLoS ONE</i> , 2015, 10, e0138535.	1.1	20
119	Transcriptional Activation of the Cholecystokinin Gene by DJ-1 through Interaction of DJ-1 with RREB1 and the Effect of DJ-1 on the Cholecystokinin Level in Mice. <i>PLoS ONE</i> , 2013, 8, e78374.	1.1	20
120	Stimulation of SV40 DNA replication and transcription by Alu family sequence. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1993, 1172, 274-282.	2.4	19
121	Comparative study of hydrogen peroxide- and 4-hydroxy-2-nonenal-induced cell death in HT22 cells. <i>Neurochemistry International</i> , 2008, 52, 776-785.	1.9	19
122	Induction of Apoptosis in HeLa Cells by MSSP, c-myc Binding Proteins.. <i>Biological and Pharmaceutical Bulletin</i> , 1997, 20, 10-14.	0.6	18
123	Effect of Tenascin-X Together with Vascular Endothelial Growth Factor A on Cell Proliferation in Cultured Embryonic Hearts.. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 1320-1323.	0.6	18
124	Oxidative Neurodegeneration Is Prevented by UCP0045037, an Allosteric Modulator for the Reduced Form of DJ-1, a Wild-Type of Familial Parkinson's Disease-Linked PARK7. <i>International Journal of Molecular Sciences</i> , 2009, 10, 4789-4804.	1.8	18
125	Identification of the recognition sequence and target proteins for DJ-1 protease. <i>FEBS Letters</i> , 2013, 587, 2493-2499.	1.3	18
126	MM-1 facilitates degradation of c-Myc by recruiting proteasome and a novel ubiquitin E3 ligase. <i>International Journal of Oncology</i> , 2007, 31, 829-36.	1.4	18

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127	Repression of the c-fmsgene in fibroblast cells by c-Myc-MM-1-TIF1 ^{Δ2} complex. FEBS Letters, 2004, 572, 211-215.	1.3	17
128	Establishment of specific antibodies that recognize C106-oxidized DJ-1. Neuroscience Letters, 2006, 404, 166-169.	1.0	17
129	DJ-1 degrades transthyretin and an inactive form of DJ-1 is secreted in familial amyloidotic polyneuropathy. International Journal of Molecular Medicine, 2007, 19, 885.	1.8	17
130	CDC6 interacts with c-Myc to inhibit E-box-dependent transcription by abrogating c-Myc/Max complex. FEBS Letters, 2000, 477, 43-48.	1.3	16
131	A Novel Signaling Pathway Mediated by the Nuclear Targeting of C-Terminal Fragments of Mammalian Patched 1. PLoS ONE, 2011, 6, e18638.	1.1	16
132	Effects of a DJ-1-Binding Compound on Spatial Learning and Memory Impairment in a Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 55, 67-72.	1.2	16
133	Distinct localizations and repression activities of MM-1 isoforms toward c-Myc. Journal of Cellular Biochemistry, 2006, 97, 145-155.	1.2	15
134	DJ-1-binding compound B enhances Nrf2 activity through the PI3-kinase-Akt pathway by DJ-1-dependent inactivation of PTEN. Brain Research, 2020, 1729, 146641.	1.1	15
135	The AT-rich tract of the SV40 oh core: negative synergism and specific recognition by single stranded and duplex DNA binding proteins. Nucleic Acids Research, 1992, 20, 3333-3339.	6.5	14
136	Disruption of MSSP, c-myc single-strand binding protein, leads to embryonic lethality in some homozygous mice. Genes To Cells, 2001, 6, 1067-1075.	0.5	14
137	Invasion of Melanoma in Double Knockout Mice Lacking Tenascin-X and Tenascin-C. Japanese Journal of Cancer Research, 2002, 93, 968-975.	1.7	14
138	Tenascin-X Induces Cell Detachment through p38 Mitogen-Activated Protein Kinase Activation. Biological and Pharmaceutical Bulletin, 2009, 32, 1795-1799.	0.6	14
139	Therapeutic effects of human mesenchymal and hematopoietic stem cells on rotenone-treated parkinsonian mice. Journal of Neuroscience Research, 2013, 91, 62-72.	1.3	14
140	Extracellular Signal Regulated Protein Kinase and c-Jun N-Terminal Kinase are Involved in m1 Muscarinic Receptor-Enhanced Interleukin-2 Production Pathway in Jurkat Cells.. Biological and Pharmaceutical Bulletin, 2000, 23, 1198-1205.	0.6	13
141	Serum Tenascin-X Strongly Binds to Vascular Endothelial Growth Factor. Biological and Pharmaceutical Bulletin, 2009, 32, 1004-1011.	0.6	13
142	Stimulation of vesicular monoamine transporter 2 activity by DJ-1 in SH-SY5Y cells. Biochemical and Biophysical Research Communications, 2012, 421, 813-818.	1.0	13
143	Phospholipid Modulates In Vitro Replication of Autonomous Replicating Sequence from Human Cells1. Journal of Biochemistry, 1988, 104, 333-336.	0.9	12
144	MM-1 facilitates degradation of c-Myc by recruiting proteasome and a novel ubiquitin E3 ligase. International Journal of Oncology, 2007, 31, 829.	1.4	12

#	ARTICLE	IF	CITATIONS
145	Induction of truncated form of tenascin-X (XB-S) through dissociation of HDAC1 from SP-1/HDAC1 complex in response to hypoxic conditions. <i>Experimental Cell Research</i> , 2008, 314, 2661-2673.	1.2	12
146	Molecular cloning of the complementary DNA for the mouse pyruvate kinase M-2 gene whose expression is dependent upon cell differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1267, 135-138.	1.9	11
147	AMAP-1, a novel testis-specific AMY-1-binding protein, is differentially expressed during the course of spermatogenesis. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1577, 126-132.	2.4	11
148	Crystallization and preliminary crystallographic analysis of DJ-1, a protein associated with male fertility and parkinsonism. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1502-1503.	2.5	11
149	Protection against nonylphenol-induced cell death by DJ-1 in cultured Japanese medaka (<i>Oryzias latipes</i>). <i>Journal of Biochemistry</i> , 2004, 135, 107-114.	2.0	11
150	Identification of the replicative intermediates in SV40 DNA replication in vitro. <i>Nucleic Acids Research</i> , 1984, 12, 6053-6062.	6.5	10
151	Adhesive Defect in Extracellular Matrix Tenascin-X-Null Fibroblasts: A Possible Mechanism of Tumor Invasion. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 1472-1475.	0.6	10
152	Molecular cloning of the mouse AMY-1 gene and identification of the synergistic activation of the AMY-1 promoter by GATA-1 and Sp1. <i>Genomics</i> , 2003, 81, 221-233. Sequence data from this article have been deposited with the DDBJ/EMBL/GenBank Data Libraries under Accession Nos. AB015858 and AB052913.	1.3	10
153	A novel nucleolar protein, PAPA-1, induces growth arrest as a result of cell cycle arrest at the G1 phase. <i>Gene</i> , 2004, 340, 83-98.	1.0	10
154	Characterization of Mouse Serum Tenascin-X. <i>DNA and Cell Biology</i> , 2006, 25, 448-456.	0.9	10
155	Altered expression of DJ-1 in the hippocampal cells following in vivo and in vitro neuronal damage induced by trimethyltin. <i>Neuroscience Letters</i> , 2008, 440, 232-236.	1.0	10
156	Activation of c-myc promoter by c-myc protein in serum starved cells. <i>FEBS Letters</i> , 1991, 290, 147-152.	1.3	9
157	Stimulation of SV40 DNA replication by the human c-myc enhancer. <i>FEBS Letters</i> , 1992, 309, 146-152.	1.3	9
158	Transcription Regulatory Complex Including YB-1 Controls Expression of Mouse Matrix Metalloproteinase-2 Gene in NIH3T3 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1500-1504.	0.6	9
159	Protective effect of planarian DJ-1 against 6-hydroxydopamine-induced neurotoxicity. <i>Neuroscience Research</i> , 2012, 74, 277-283.	1.0	9
160	Expression and protease activity of mouse legumain are regulated by the oncogene/transcription co-activator, DJ-1 through p53 and cleavage of annexin A2 is increased in DJ-1-knockout cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 472-477.	1.0	9
161	Specific cleavage of the terminal protein from the adenovirus 5 DNA under the condition of single-strand scission by nuclease S1. <i>FEBS Letters</i> , 1979, 107, 355-358.	1.3	8
162	Incorporation of uracil into the growing strand of adenovirus 12 DNA. <i>Biochemical and Biophysical Research Communications</i> , 1979, 87, 588-597.	1.0	8

#	ARTICLE	IF	CITATIONS
163	The upstream region of the mouse N-myc gene: Identification of an enhancer element that functions preferentially in neuroblastoma IMR32 cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992, 1132, 177-187.	2.4	8
164	Triglyceride accumulation and altered composition of triglyceride-associated fatty acids in the skin of tenascin-X-deficient mice. <i>Genes To Cells</i> , 2004, 9, 737-748.	0.5	8
165	CIR, a corepressor of CBF1, binds to PAP-1 and effects alternative splicing. <i>Experimental Cell Research</i> , 2005, 303, 375-387.	1.2	8
166	Positive regulation of Fas gene expression by MSSP and abrogation of Fas-mediated apoptosis induction in MSSP-deficient mice. <i>Experimental Cell Research</i> , 2005, 305, 324-332.	1.2	8
167	Dihydrotestosterone Inhibits Tumor Necrosis Factor .ALPHA. Induced Interleukin-1.ALPHA. mRNA Expression in Rheumatoid Fibroblast-Like Synovial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1140-1143.	0.6	8
168	Truncated form of tenascin-X, XB-S, interacts with mitotic motor kinesin Eg5. <i>Molecular and Cellular Biochemistry</i> , 2009, 320, 53-66.	1.4	8
169	Deficiency of spermatogenesis and reduced expression of spermatogenesis-related genes in prefoldin 5-mutant mice. <i>Biochemistry and Biophysics Reports</i> , 2015, 1, 52-61.	0.7	8
170	Protease activity of legumain is inhibited by an increase of cystatin E/M in the DJ-1-knockout mouse spleen, cerebrum and heart. <i>Biochemistry and Biophysics Reports</i> , 2017, 9, 187-192.	0.7	8
171	Effect of drugs on gene expression in mammalian cells: a highly efficient procedure to test large numbers of samples. <i>Nucleic Acids Research</i> , 1993, 21, 4429-4430.	6.5	7
172	Transcriptional Repression Activity of N-MYCProtein Requires Phosphorylation by MAP Kinase. <i>Biochemical and Biophysical Research Communications</i> , 1996, 219, 813-823.	1.0	7
173	Knockdown of legumain inhibits cleavage of annexin A2 in the mouse kidney. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 482-487.	1.0	7
174	Serum DJ-1 level is positively associated with improvements in some aspects of metabolic syndrome in Japanese women through lifestyle intervention. <i>Nutrition Research</i> , 2014, 34, 851-855.	1.3	7
175	Therapeutic Activities of DJ-1 and Its Binding Compounds Against Neurodegenerative Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1037, 187-202.	0.8	7
176	Concerted mechanism of DNA replication and transcription.. <i>Cell Structure and Function</i> , 1989, 14, 649-651.	0.5	7
177	Mammalian genomic sequences can substitute for the SV40 AT stretch in sustaining replication of the SV40 origin of replication. <i>FEBS Letters</i> , 1993, 318, 335-340.	1.3	6
178	Comparison of the Compositions of Phospholipid-Associated Fatty Acids in Wild-Type and Extracellular Matrix Tenascin-X-Deficient Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 1447-1450.	0.6	6
179	Stimulation of transforming activity of DJ-1 by Abstrakt, a DJ-1-binding protein. <i>International Journal of Oncology</i> , 2005, 26, 685.	1.4	6
180	A split luciferase-based reporter for detection of a cellular macromolecular complex. <i>Analytical Biochemistry</i> , 2014, 452, 1-9.	1.1	6

#	ARTICLE	IF	CITATIONS
181	Inhibition of SV40 DNA replication invitro by 1-N-acyl-3- ³ N-(trifluoroacetyl)kanamycin. Biochemical and Biophysical Research Communications, 1986, 136, 322-328.	1.0	5
182	Transrepression of the N-myc expression by c-myc protein. Biochemical and Biophysical Research Communications, 1989, 162, 991-997.	1.0	5
183	Introduction/Overview. Advances in Experimental Medicine and Biology, 2017, 1037, 1-4.	0.8	5
184	Initiation and termination sites of adenovirus 12 DNA replication II. Analysis of pulse-labeled oligonucleotides derived from 5-termini in the DNA strand. Virology, 1978, 85, 98-108.	1.1	4
185	Effect of aphidicolin on the elongation step of adenovirus DNA replication in vitro. Biochemical and Biophysical Research Communications, 1983, 113, 87-95.	1.0	4
186	Free radicals impair the anti-oxidative stress activity of DJ-1 through the formation of SDS-resistant dimer. Free Radical Research, 2017, 51, 397-412.	1.5	4
187	Adenovirus DNA synthesized in the presence of aphidicolin. Nucleic Acids Research, 1984, 12, 1077-1086.	6.5	3
188	Simian virus 40 DNA replicationin vitro: purification and characterization of replication factors from mouse cells. Nucleic Acids Research, 1986, 14, 9457-9470.	6.5	3
189	Transcriptional regulation of the N-myc gene: Identification of positive regulatory element and its double- and single-stranded DNA binding proteins. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1993, 1216, 273-285.	2.4	3
190	Distinct Glycosylation in Interstitial and Serum Tenascin-X. Biological and Pharmaceutical Bulletin, 2007, 30, 354-358.	0.6	3
191	Mitochondria-independent induction of Fas-mediated apoptosis by MSSP. Oncology Reports, 0, , .	1.2	3
192	A eukaryotic nuclear protein of 130 kDa binds to a bacterial cAMP responsive element. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1089, 227-233.	2.4	2
193	Effect of Transcriptional Regulatory Sequences on Autonomous Replication of Plasmids in Transient Mammalian Systems.. Biological and Pharmaceutical Bulletin, 1997, 20, 613-620.	0.6	2
194	Structure and Characterization of AAT-1 Isoforms. Biological and Pharmaceutical Bulletin, 2005, 28, 898-901.	0.6	2
195	Viral DNA Synthesis <i>In Vitro</i> with the Inclusions Isolated from Adenovirus 12-Infected Cells. Japanese Journal of Microbiology, 1976, 20, 445-454.	0.4	1
196	Autonomous Replicating Sequences from Intron of Human Ras Gene in a Simian Virus 40 T Antigen Dependent System1. Journal of Biochemistry, 1986, 100, 1103-1106.	0.9	1
197	Characterization of an element positively regulating the transcription of MSSP gene-2 which encodes C-MYC binding proteins. Gene, 1998, 214, 113-120.	1.0	1
198	Human DJ-1-specific transcriptional activation of the tyrosine hydroxylase gene. Neuroscience Research, 2010, 68, e305-e306.	1.0	1

#	ARTICLE	IF	CITATIONS
199	Inhibition of simian virus 40 replication by kanamycin derivative.. Journal of Antibiotics, 1986, 39, 1769-1771.	1.0	0
200	Oxidation of DJ-1-dependent regulation of tyrosine hydroxylase. Neuroscience Research, 2009, 65, S246.	1.0	0
201	Molecular chaperone prefoldin inhibits polyglutamine aggregation and cytotoxicity. Neuroscience Research, 2010, 68, e310.	1.0	0