

# A System for Stable Expression of Short Interfering RNA

Science

296, 550-553

DOI: [10.1126/science.1068999](https://doi.org/10.1126/science.1068999)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Notes. Plant Physiology, 1947, 22, 91-95.	4.8	0
2	Hand preference across time is related to intelligence in young girls, not boys. Science, 1983, 221, 1074-1076.	12.6	67
3	Modification of gene expression induced by siRNA targeting of estrogen receptor $\alpha$ in MCF7 human breast cancer cells. International Journal of Oncology, 1992, 34, 231.	3.3	17
4	Oxygen-dependent regulation of NDRG1 in human glioblastoma cells in vitro and in vivo. Oncology Reports, 1994, 21, 237.	2.6	15
5	Potent and Specific Inhibition of Human Immunodeficiency Virus Type 1 Replication by RNA Interference. Journal of Virology, 2002, 76, 9225-9231.	3.4	406
6	Ancient Pathways Programmed by Small RNAs. Science, 2002, 296, 1265-1269.	12.6	334
7	Functional siRNA expression from transfected PCR products. Rna, 2002, 8, 1454-1460.	3.5	128
8	Mdm-2 and ubiquitin-independent p53 proteasomal degradation regulated by NQO1. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13125-13130.	7.1	203
9	Tissue-specific RNA interference in postimplantation mouse embryos with endoribonuclease-prepared short interfering RNA. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14236-14240.	7.1	148
10	Therapeutic developments in matrix metalloproteinase inhibition. Expert Opinion on Therapeutic Patents, 2002, 12, 665-707.	5.0	26
11	Short RNA duplexes produced by hydrolysis with Escherichia coli RNase III mediate effective RNA interference in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9942-9947.	7.1	285
12	Synthetic small inhibiting RNAs: Efficient tools to inactivate oncogenic mutations and restore p53 pathways. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14849-14854.	7.1	195
13	Retroviral delivery of small interfering RNA into primary cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14943-14945.	7.1	271
14	Effects on RNA Interference in Gene Expression (RNAi) in Cultured Mammalian Cells of Mismatches and the Introduction of Chemical Modifications at the 3'-Ends of siRNAs. Oligonucleotides, 2002, 12, 301-309.	4.3	99
15	Analysis of inhibitory action of modified U1 snRNAs on target gene expression: discrimination of two RNA targets differing by a 1 bp mismatch. Nucleic Acids Research, 2002, 30, 2329-2339.	14.5	12
16	Replicating hepatitis delta virus RNA is edited in the nucleus by the small form of ADAR1. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15118-15123.	7.1	170
17	Nonreceptor Protein Tyrosine and Lipid Phosphatases in Type I Fc $\gamma$ Receptor-Mediated Activation of Mast Cells and Basophils. International Archives of Allergy and Immunology, 2002, 128, 253-263.	2.1	18
18	RNA Interference Directed against Viral and Cellular Targets Inhibits Human Immunodeficiency Virus Type 1 Replication. Journal of Virology, 2002, 76, 12963-12973.	3.4	202

#	ARTICLE	IF	CITATIONS
19	RNA-mediated gene regulation system: Now and the future (Review). International Journal of Molecular Medicine, 2002, 10, 355.	4.0	6
20	Biomedical and Agricultural Applications of Animal Transgenesis. , 2002, 180, 003-023.		2
21	Confirming Specificity of RNAi in Mammalian Cells. Science Signaling, 2002, 2002, pl13-pl13.	3.6	45
22	RNA Interference Reveals a Requirement for Myocyte Enhancer Factor 2A in Activity-dependent Neuronal Survival. Journal of Biological Chemistry, 2002, 277, 46442-46446.	3.4	95
23	RNA Interference – A New Weapon against HIV and Beyond. New England Journal of Medicine, 2002, 347, 1364-1367.	27.0	66
24	Understanding familial and non-familial renal cell cancer. Human Molecular Genetics, 2002, 11, 2489-2498.	2.9	74
25	Novel retroviral vectors to facilitate expression screens in mammalian cells. Nucleic Acids Research, 2002, 30, 142e-142.	14.5	32
26	Advances in HIV molecular biology. Aids, 2002, 16, S17-S23.	2.2	5
27	Suppression of chemokine receptor expression by RNA interference allows for inhibition of HIV-1 replication. Aids, 2002, 16, 2385-2390.	2.2	197
28	RNA-Mediated RNA Degradation in Transgene- and Virus-Induced Gene Silencing. Biological Chemistry, 2002, 383, 1483-9.	2.5	11
29	The methods to generate transgenic animals and to control transgene expression. Journal of Biotechnology, 2002, 98, 145-160.	3.8	63
30	The Genetics of RNA Silencing. Annual Review of Genetics, 2002, 36, 489-519.	7.6	283
31	Gene silencing in mammalian cells by preformed small RNA duplexes. Biochemical and Biophysical Research Communications, 2002, 295, 744-748.	2.1	71
32	Subtype- and species-specific knockdown of PKC using short interfering RNA (siRNA). Biochemical and Biophysical Research Communications, 2002, 298, 738-743.	2.1	43
33	Silencing of Bruton's tyrosine kinase (Btk) using short interfering RNA duplexes (siRNA). FEBS Letters, 2002, 527, 274-278.	2.8	45
34	Small interfering RNA and gene silencing in transgenic mice and rats. FEBS Letters, 2002, 532, 227-230.	2.8	236
35	Spatial and temporal “knock down” of gene expression by electroporation of double-stranded RNA and morpholinos into early postimplantation mouse embryos. Mechanisms of Development, 2002, 118, 57-63.	1.7	51
36	Development of hammerhead ribozymes to modulate endogenous gene expression for functional studies. Methods, 2002, 28, 276-285.	3.8	19

#	ARTICLE	IF	CITATIONS
37	Using cancer genetics to guide the selection of anticancer drug targets. Current Opinion in Pharmacology, 2002, 2, 366-373.	3.5	46
38	Novel technologies for studying virus-host interaction and discovering new drug targets for HCV and HIV. Current Opinion in Pharmacology, 2002, 2, 541-547.	3.5	14
39	RNA interference: a promising approach to antiviral therapy?. Trends in Molecular Medicine, 2002, 8, 505-508.	6.7	43
40	Animal transgenesis: recent data and perspectives. Biochimie, 2002, 84, 1137-1141.	2.6	15
41	Lentiviral-Mediated RNA Interference. Human Gene Therapy, 2002, 13, 2197-2201.	2.7	273
42	Targeting the Kinesin Eg5 to Monitor siRNA Transfection in Mammalian Cells. BioTechniques, 2002, 33, 1244-1248.	1.8	102
43	Reducing hypothalamic AGRP by RNA interference increases metabolic rate and decreases body weight without influencing food intake. BMC Neuroscience, 2002, 3, 18.	1.9	131
44	In vivo-applied functional RNAs as tools in proteomics and genomics research. Trends in Biotechnology, 2002, 20, 462-466.	9.3	62
45	RNA interference: the new somatic cell genetics?. Cancer Cell, 2002, 2, 17-23.	16.8	224
46	Stable suppression of tumorigenicity by virus-mediated RNA interference. Cancer Cell, 2002, 2, 243-247.	16.8	1,067
47	Blocking oncogenes in malignant cells by RNA interference-New hope for a highly specific cancer treatment?. Cancer Cell, 2002, 2, 167-168.	16.8	58
48	A novel protein overexpressed in hepatoma accelerates export of NF- $\kappa$ B from the nucleus and inhibits p53-dependent apoptosis. Cancer Cell, 2002, 2, 335-346.	16.8	69
49	Inhibition of Retroviral Pathogenesis by RNA Interference. Current Biology, 2002, 12, 1301-1311.	3.9	173
50	Cell-biological applications of transfected-cell microarrays. Trends in Cell Biology, 2002, 12, 485-488.	7.9	150
51	Emerging high-throughput drug target validation technologies. Drug Discovery Today, 2002, 7, S136-S142.	6.4	17
52	RNAi: gene-silencing in therapeutic intervention. Drug Discovery Today, 2002, 7, 1040-1046.	6.4	170
53	Upstream-News in Genomics. Comparative and Functional Genomics, 2002, 3, 398-404.	2.0	0
54	RNAi and related mechanisms and their potential use for therapy. Current Opinion in Chemical Biology, 2002, 6, 829-834.	6.1	94

#	ARTICLE	IF	CITATIONS
55	Retrovirus-delivered siRNA. , 2002, 2, 15.		169
56	Killing of leukemic cells with a BCR/ABL fusion gene by RNA interference (RNAi). Oncogene, 2002, 21, 5716-5724.	5.9	265
57	Silencing viruses with RNA. Nature, 2002, 418, 379-380.	27.8	86
58	siRNA-mediated gene silencing in vitro and in vivo. Nature Biotechnology, 2002, 20, 1006-1010.	17.5	868
59	Touching base. Nature Genetics, 2002, 31, 231-231.	21.4	0
60	RNA interference: antiviral defense and genetic tool. Nature Immunology, 2002, 3, 597-599.	14.5	116
61	siRNA-directed inhibition of HIV-1 infection. Nature Medicine, 2002, 8, 681-686.	30.7	750
63	Gene silencing in mammals by small interfering RNAs. Nature Reviews Genetics, 2002, 3, 737-747.	16.3	1,303
64	CARD11 mediates factor-specific activation of NF- $\kappa$ B by the T cell receptor complex. EMBO Journal, 2002, 21, 5184-5194.	7.8	194
65	Tissue-Specific Targeting of the Insulin Receptor Gene. Endocrine, 2002, 19, 257-266.	2.2	6
66	Use of RNA interference to inhibit integrin (alpha6beta4)-mediated invasion and migration of breast carcinoma cells. Clinical and Experimental Metastasis, 2003, 20, 569-576.	3.3	53
67	The role of the androgen receptor in the development of prostatic hyperplasia and prostate cancer. Molecular and Cellular Biochemistry, 2003, 253, 89-101.	3.1	103
68	RNA interference. An approach to produce knockout organisms and cell lines. Biochemistry (Moscow), 2003, 68, 1063-1076.	1.5	7
69	Inhibition of hepatitis B virus expression and replication by RNA interference. Hepatology, 2003, 37, 764-770.	7.3	229
70	Protein kinase D mediates a stress-induced NF-kappaB activation and survival pathway. EMBO Journal, 2003, 22, 109-120.	7.8	295
71	A role for N-glycanase in the cytosolic turnover of glycoproteins. EMBO Journal, 2003, 22, 1036-1046.	7.8	198
72	Ras promotes p21Waf1/Cip1 protein stability via a cyclin D1-imposed block in proteasome-mediated degradation. EMBO Journal, 2003, 22, 2036-2046.	7.8	133
73	Rabaptin-5alpha/rabaptin-4 serves as a linker between rab4 and gamma1-adaptin in membrane recycling from endosomes. EMBO Journal, 2003, 22, 2645-2657.	7.8	74

#	ARTICLE	IF	CITATIONS
74	Caspase 3 activation is essential for efficient influenza virus propagation. EMBO Journal, 2003, 22, 2717-2728.	7.8	299
75	Activation of the tumour suppressor kinase LKB1 by the STE20-like pseudokinase STRAD. EMBO Journal, 2003, 22, 3062-3072.	7.8	326
76	Survivin is required for a sustained spindle checkpoint arrest in response to lack of tension. EMBO Journal, 2003, 22, 2934-2947.	7.8	269
77	MO25/STRAD interact with STRAD enhancing their ability to bind, activate and localize LKB1 in the cytoplasm. EMBO Journal, 2003, 22, 5102-5114.	7.8	388
78	Short Interfering RNA (siRNA)-Mediated RNA Interference (RNAi) in Human Cells. Annals of the New York Academy of Sciences, 2003, 1002, 56-62.	3.8	75
79	RNA-Mediated Inhibition of HIV in a Gene Therapy Setting. Annals of the New York Academy of Sciences, 2003, 1002, 63-71.	3.8	75
80	Gene silencing through RNA interference: Potential for therapeutics and functional genomics. International Journal of Peptide Research and Therapeutics, 2003, 10, 361-372.	0.1	0
81	Inhibition of virus replication by RNA interference. Journal of Biomedical Science, 2003, 10, 607-616.	7.0	91
82	RNA interference: from an ancient mechanism to a state of the art therapeutic application?. Die Naturwissenschaften, 2003, 90, 345-359.	1.6	45
83	siRNA als Plattform für die Entwicklung innovativer Therapeutika in der Onkologie. Onkologie, 2003, 9, 1121-1129.	0.7	0
84	RNA interference: gene silencing in the fast lane. Seminars in Cancer Biology, 2003, 13, 259-265.	9.6	36
85	Ras interference as cancer therapy. Seminars in Cancer Biology, 2003, 13, 267-273.	9.6	44
86	Potentials for RNAi in sarcoma research and therapy: Ewing's sarcoma as a model. Seminars in Cancer Biology, 2003, 13, 275-281.	9.6	45
87	Targeting oncogenic fusion genes in leukemias and lymphomas by RNA interference. Seminars in Cancer Biology, 2003, 13, 283-292.	9.6	23
88	Exposing oncogenic dependencies for cancer drug target discovery and validation using RNAi. Seminars in Cancer Biology, 2003, 13, 293-300.	9.6	17
89	siRNA as a tool for streamlining functional genomic studies. Targets, 2003, 2, 93-100.	0.3	6
90	Cell cycle target validation: approaches and successes. Targets, 2003, 2, 154-161.	0.3	1
91	Novel ribozyme, RNA decoy, and siRNA approaches to inhibition of HIV in a gene therapy setting. Clinical and Applied Immunology Reviews, 2003, 3, 223-233.	0.4	1

#	ARTICLE	IF	CITATIONS
92	The tumor-suppressive functions of the human INK4A locus. <i>Cancer Cell</i> , 2003, 4, 311-319.	16.8	181
93	Dual roles of human BubR1, a mitotic checkpoint kinase, in the monitoring of chromosomal instability. <i>Cancer Cell</i> , 2003, 4, 483-497.	16.8	157
94	The utility of siRNA transcripts produced by RNA polymerase i in down regulating viral gene expression and replication of negative- and positive-strand RNA viruses. <i>Virology</i> , 2003, 313, 514-524.	2.4	79
95	Mammalian RNAi for the masses. <i>Trends in Genetics</i> , 2003, 19, 9-12.	6.7	283
96	Efficiency and specificity of RNA interference generated by intra- and intermolecular double stranded RNA in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2003, 129, 11-21.	1.1	55
97	Knockdown stands up. <i>Trends in Biotechnology</i> , 2003, 21, 2-4.	9.3	36
98	Silencing unhealthy alleles naturally. <i>Trends in Biotechnology</i> , 2003, 21, 185-187.	9.3	15
99	Transient RNA interference in hematopoietic progenitors with functional consequences. <i>Genesis</i> , 2003, 36, 203-208.	1.6	43
100	Oct4 RNA interference induces trophectoderm differentiation in mouse embryonic stem cells. <i>Genesis</i> , 2003, 37, 18-24.	1.6	96
101	RNA inhibition of BMP-4 gene expression in postimplantation mouse embryos. <i>Genesis</i> , 2003, 37, 12-17.	1.6	20
102	In vivo knockdown of gene expression in brain cancer with intravenous RNAi in adult rats. <i>Journal of Gene Medicine</i> , 2003, 5, 1039-1045.	2.8	116
103	RNA-Interference-Based Silencing of Mammalian Gene Expression. <i>ChemBioChem</i> , 2003, 4, 1033-1039.	2.6	8
104	Vector Systems for the Delivery of Small Interfering RNAs: Managing the RISC. <i>ChemBioChem</i> , 2003, 4, 1129-1136.	2.6	6
105	Bcl-xL expression interferes with the effects of L-glutamine supplementation on hybridoma cultures. <i>Biotechnology and Bioengineering</i> , 2003, 81, 279-290.	3.3	15
106	Short interfering RNAs (siRNAs) for reducing dopaminergic phenotypic markers. <i>Journal of Neuroscience Methods</i> , 2003, 131, 51-56.	2.5	12
107	Antisense technology in molecular and cellular bioengineering. <i>Current Opinion in Biotechnology</i> , 2003, 14, 505-511.	6.6	62
108	The ER-Luminal Domain of the HHV-7 Immuno-evasin U21 Directs Class I MHC Molecules to Lysosomes. <i>Traffic</i> , 2003, 4, 824-837.	2.7	28
109	Antisense technologies. <i>FEBS Journal</i> , 2003, 270, 1628-1644.	0.2	895

#	ARTICLE	IF	CITATIONS
110	Efficient inhibition of $\beta$ -secretase gene expression in HEK293 cells by tRNAVal-driven and CTE-helicase associated hammerhead ribozymes. FEBS Journal, 2003, 270, 3962-3970.	0.2	13
111	Gene silencing in chick embryos with a vector-based small interfering RNA system. Development Growth and Differentiation, 2003, 45, 361-367.	1.5	88
112	Expressing functional siRNAs in mammalian cells using convergent transcription. BMC Biotechnology, 2003, 3, 21.	3.3	48
113	Selective silencing by RNAi of a dominant allele that causes amyotrophic lateral sclerosis. Aging Cell, 2003, 2, 209-217.	6.7	170
114	Gene therapy for hemophilia: are viral vectors really feasible?. Journal of Thrombosis and Haemostasis, 2003, 1, 218-219.	3.8	5
115	RNA interference: on the road to an alternate therapeutic strategy!. Reviews in Medical Virology, 2003, 13, 373-385.	8.3	71
116	Acute mutation of retinoblastoma gene function is sufficient for cell cycle re-entry. Nature, 2003, 424, 223-228.	27.8	501
117	Induction of dendritic spines by an extracellular domain of AMPA receptor subunit GluR2. Nature, 2003, 424, 677-681.	27.8	285
118	The tumour suppressor CYLD negatively regulates NF- $\kappa$ B signalling by deubiquitination. Nature, 2003, 424, 801-805.	27.8	942
119	Phospholipase C $\beta$ 3 activates Ras on the Golgi apparatus by means of RasGRP1. Nature, 2003, 424, 694-698.	27.8	391
120	Loss of the cylindromatosis tumour suppressor inhibits apoptosis by activating NF- $\kappa$ B. Nature, 2003, 424, 797-801.	27.8	1,071
121	Accelerated vaccination for Ebola virus haemorrhagic fever in non-human primates. Nature, 2003, 424, 681-684.	27.8	436
122	Choosing CCR5 or Rev siRNA in HIV-1. Nature Biotechnology, 2003, 21, 230-231.	17.5	34
123	p53 triggers apoptosis in oncogene-expressing fibroblasts by the induction of Noxa and mitochondrial Bax translocation. Cell Death and Differentiation, 2003, 10, 451-460.	11.2	101
124	Inhibition of intracellular hepatitis C virus replication by synthetic and vector-derived small interfering RNAs. EMBO Reports, 2003, 4, 602-608.	4.5	287
125	Specific inhibition of gene expression using a stably integrated, inducible small interfering RNA vector. EMBO Reports, 2003, 4, 609-615.	4.5	489
126	Suppression of Tusled-like kinase activity after DNA damage or replication block requires ATM, NBS1 and Chk1. Oncogene, 2003, 22, 5927-5937.	5.9	77
127	Use of adeno-associated viral vector for delivery of small interfering RNA. Oncogene, 2003, 22, 5712-5715.	5.9	175



#	ARTICLE	IF	CITATIONS
128	siRNA targeting of the viral E6 oncogene efficiently kills human papillomavirus-positive cancer cells. <i>Oncogene</i> , 2003, 22, 5938-5945.	5.9	295
129	Induction of apoptosis in tumor cells by siRNA-mediated silencing of the livin/ML-IAP/KIAP gene. <i>Oncogene</i> , 2003, 22, 8330-8336.	5.9	98
130	Sp100 is important for the stimulatory effect of homeodomain-interacting protein kinase-2 on p53-dependent gene expression. <i>Oncogene</i> , 2003, 22, 8731-8737.	5.9	38
131	Positive and negative regulation of $\hat{I}^N$ -p63 promoter activity by p53 and $\hat{I}^N$ -p63- $\hat{I}^\pm$ contributes to differential regulation of p53 target genes. <i>Oncogene</i> , 2003, 22, 7607-7616.	5.9	76
132	CP-31398, a novel p53-stabilizing agent, induces p53-dependent and p53-independent glioma cell death. <i>Oncogene</i> , 2003, 22, 8233-8245.	5.9	143
133	Recombinant Dicer efficiently converts large dsRNAs into siRNAs suitable for gene silencing. <i>Nature Biotechnology</i> , 2003, 21, 324-328.	17.5	200
134	Scanning the human genome with combinatorial transcription factor libraries. <i>Nature Biotechnology</i> , 2003, 21, 269-274.	17.5	120
135	Transgenic RNA interference in ES cell-derived embryos recapitulates a genetic null phenotype. <i>Nature Biotechnology</i> , 2003, 21, 559-561.	17.5	276
136	A genetic approach to inactivating chemokine receptors using a modified viral protein. <i>Nature Biotechnology</i> , 2003, 21, 1321-1327.	17.5	30
137	RGS16 inhibits signalling through the $G_{13}$ -Rho axis. <i>Nature Cell Biology</i> , 2003, 5, 1095-1103.	10.3	41
138	A lentivirus-based system to functionally silence genes in primary mammalian cells, stem cells and transgenic mice by RNA interference. <i>Nature Genetics</i> , 2003, 33, 401-406.	21.4	1,427
139	Induction of an interferon response by RNAi vectors in mammalian cells. <i>Nature Genetics</i> , 2003, 34, 263-264.	21.4	907
140	Convergent evolution of gene circuits. <i>Nature Genetics</i> , 2003, 34, 264-266.	21.4	177
141	IKK $\hat{\mu}$ and TBK1 are essential components of the IRF3 signaling pathway. <i>Nature Immunology</i> , 2003, 4, 491-496.	14.5	2,361
142	CIITA-regulated plexin-A1 affects T-cell dendritic cell interactions. <i>Nature Immunology</i> , 2003, 4, 891-898.	14.5	129
143	A novel viral mechanism for dysregulation of $\hat{I}^2$ -catenin in Kaposi's sarcoma-associated herpesvirus latency. <i>Nature Medicine</i> , 2003, 9, 300-306.	30.7	301
144	Lipoprotein receptor-mediated induction of matrix metalloproteinase by tissue plasminogen activator. <i>Nature Medicine</i> , 2003, 9, 1313-1317.	30.7	434
145	New tools for functional mammalian cancer genetics. <i>Nature Reviews Cancer</i> , 2003, 3, 781-789.	28.4	259

#	ARTICLE	IF	CITATIONS
146	A future for transgenic livestock. <i>Nature Reviews Genetics</i> , 2003, 4, 825-833.	16.3	107
147	The chicken as a model for large-scale analysis of vertebrate gene function. <i>Nature Reviews Genetics</i> , 2003, 4, 87-98.	16.3	154
148	Killing the messenger: short RNAs that silence gene expression. <i>Nature Reviews Molecular Cell Biology</i> , 2003, 4, 457-467.	37.0	1,077
149	Lentiviral Vector-Mediated Delivery of Short Hairpin RNA Results in Persistent Knockdown of Gene Expression in Mouse Brain. <i>Human Gene Therapy</i> , 2003, 14, 1799-1807.	2.7	114
150	Exportin-5 mediates the nuclear export of pre-microRNAs and short hairpin RNAs. <i>Genes and Development</i> , 2003, 17, 3011-3016.	5.9	2,377
151	CUL-4A stimulates ubiquitylation and degradation of the HOXA9 homeodomain protein. <i>EMBO Journal</i> , 2003, 22, 6057-6067.	7.8	65
152	RNA Interference: Biology, Mechanism, and Applications. <i>Microbiology and Molecular Biology Reviews</i> , 2003, 67, 657-685.	6.6	900
153	Short hairpin type of dsRNAs that are controlled by tRNAVal promoter significantly induce RNAi-mediated gene silencing in the cytoplasm of human cells. <i>Nucleic Acids Research</i> , 2003, 31, 700-707.	14.5	230
154	mAM Facilitates Conversion by ESET of Dimethyl to Trimethyl Lysine 9 of Histone H3 to Cause Transcriptional Repression. <i>Molecular Cell</i> , 2003, 12, 475-487.	9.7	300
155	RNA interference and human disease. <i>Molecular Genetics and Metabolism</i> , 2003, 80, 121-128.	1.1	65
156	Small interfering RNA Inhibits Hepatitis B virus replication in mice. <i>Molecular Therapy</i> , 2003, 8, 769-776.	8.2	292
157	Specific gene silencing using small interfering RNAs in fish embryos. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 1089-1095.	2.1	45
158	RNA interference targeting focal adhesion kinase enhances pancreatic adenocarcinoma gemcitabine chemosensitivity. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 786-792.	2.1	126
159	RNA Interference in Biology and Medicine. <i>Pharmacological Reviews</i> , 2003, 55, 629-648.	16.0	117
160	Sequence, Chemical, and Structural Variation of Small Interfering RNAs and Short Hairpin RNAs and the Effect on Mammalian Gene Silencing. <i>Oligonucleotides</i> , 2003, 13, 83-105.	4.3	419
161	Gene silencing through RNA interference: Potential for therapeutics and functional genomics. <i>International Journal of Peptide Research and Therapeutics</i> , 2003, 10, 361-372.	1.9	3
162	siRNA delivery technologies for mammalian systems. <i>Targets</i> , 2003, 2, 253-260.	0.3	21
163	Gene Silencing by Systemic Delivery of Synthetic siRNAs in Adult Mice. <i>Journal of Molecular Biology</i> , 2003, 327, 761-766.	4.2	476

#	ARTICLE	IF	CITATIONS
164	Recent developments in ocular gene therapy. <i>Experimental Eye Research</i> , 2003, 76, 643-652.	2.6	75
165	Gene silencing by adenovirus-delivered siRNA. <i>FEBS Letters</i> , 2003, 539, 111-114.	2.8	176
166	Modulation of the classical multidrug resistance (MDR) phenotype by RNA interference (RNAi). <i>FEBS Letters</i> , 2003, 545, 144-150.	2.8	172
167	Gene silencing in mammalian cells by PCR-based short hairpin RNA. <i>FEBS Letters</i> , 2003, 548, 113-118.	2.8	45
168	Enhanced gene silencing by the application of multiple specific small interfering RNAs. <i>FEBS Letters</i> , 2003, 552, 247-252.	2.8	56
169	Multiple Tumor Suppressor Pathways Negatively Regulate Telomerase. <i>Cell</i> , 2003, 113, 881-889.	28.9	400
170	The PHD Finger of the Chromatin-Associated Protein ING2 Functions as a Nuclear Phosphoinositide Receptor. <i>Cell</i> , 2003, 114, 99-111.	28.9	467
171	A JNK-Dependent Pathway Is Required for TNF-Induced Apoptosis. <i>Cell</i> , 2003, 115, 61-70.	28.9	575
172	Asymmetry in the Assembly of the RNAi Enzyme Complex. <i>Cell</i> , 2003, 115, 199-208.	28.9	2,486
173	O-GlcNAc Modification Is an Endogenous Inhibitor of the Proteasome. <i>Cell</i> , 2003, 115, 715-725.	28.9	374
174	Functional inhibition of the p75 receptor using a small interfering RNA. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 804-809.	2.1	40
175	Vector-based RNAi, a novel tool for isoform-specific knock-down of VEGF and anti-angiogenesis gene therapy of cancer. <i>Biochemical and Biophysical Research Communications</i> , 2003, 303, 1169-1178.	2.1	101
176	The contribution of the SPCA1 Ca <sup>2+</sup> pump to the Ca <sup>2+</sup> accumulation in the Golgi apparatus of HeLa cells assessed via RNA-mediated interference. <i>Biochemical and Biophysical Research Communications</i> , 2003, 306, 430-436.	2.1	89
177	RNA interference-mediated reduction in GLUT1 inhibits serum-induced glucose transport in primary human skeletal muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 127-132.	2.1	26
178	Small interfering RNAs suppress the expression of endogenous and GFP-fused epidermal growth factor receptor (erbB1) and induce apoptosis in erbB1-overexpressing cells. <i>Experimental Cell Research</i> , 2003, 285, 39-49.	2.6	93
179	Ras superfamily monomeric G proteins in carcinoma cell motility. <i>Cancer Letters</i> , 2003, 189, 117-128.	7.2	78
180	Critical overview and outlook: pathogenesis, prevention, and treatment of hepatitis and hepatocarcinoma caused by hepatitis B virus. <i>Vaccine</i> , 2003, 21, 4626-4649.	3.8	74
181	Inhibition of hepatitis C virus protein expression by RNA interference. <i>Virus Research</i> , 2003, 96, 27-35.	2.2	64

#	ARTICLE	IF	CITATIONS
182	Small RNA: can RNA interference be exploited for therapy?. Lancet, The, 2003, 362, 1401-1403.	13.7	186
183	Specific gene inhibition by adenovirus-mediated expression of small interfering RNA. Gene, 2003, 316, 137-141.	2.2	78
184	p300 Transcriptional Repression Is Mediated by SUMO Modification. Molecular Cell, 2003, 11, 1043-1054.	9.7	406
185	Activin Receptor-like Kinase (ALK)1 Is an Antagonistic Mediator of Lateral TGF $\beta$ 2/ALK5 Signaling. Molecular Cell, 2003, 12, 817-828.	9.7	631
186	Inhibition of P-TEFb (CDK9/Cyclin T) Kinase and RNA Polymerase II Transcription by the Coordinated Actions of HEXIM1 and 7SK snRNA. Molecular Cell, 2003, 12, 971-982.	9.7	433
187	Intracellular antibodies and challenges facing their use as therapeutic agents. Trends in Molecular Medicine, 2003, 9, 390-396.	6.7	87
188	C. elegans. Developmental Cell, 2003, 4, 131-142.	7.0	269
189	Differential Roles of WAVE1 and WAVE2 in Dorsal and Peripheral Ruffle Formation for Fibroblast Cell Migration. Developmental Cell, 2003, 5, 595-609.	7.0	288
190	Gene-based therapy for treatment of chronic pain. Seminars in Pain Medicine, 2003, 1, 220-226.	0.4	1
191	The novel DNA glycosylase, NEIL1, protects mammalian cells from radiation-mediated cell death. DNA Repair, 2003, 2, 581-591.	2.8	168
192	DNA repair investigations using siRNA. DNA Repair, 2003, 2, 759-763.	2.8	8
193	Prevention of allograft rejection by in vitro generated tolerogenic dendritic cells. Transplant Immunology, 2003, 11, 295-306.	1.2	39
194	Silence of the strands: RNA interference in eukaryotic pathogens. Trends in Microbiology, 2003, 11, 37-43.	7.7	67
195	Human viruses under attack by small inhibitory RNA. Trends in Microbiology, 2003, 11, 345-347.	7.7	24
196	A core function for p120-catenin in cadherin turnover. Journal of Cell Biology, 2003, 163, 525-534.	5.2	646
197	Potent Suppression of HIV Type 1 Infection By a Short Hairpin Anti-CXCR4 siRNA. AIDS Research and Human Retroviruses, 2003, 19, 699-706.	1.1	82
198	Killing cancer by targeting genes that cancer cells have lost: Allele-specific inhibition, a novel approach to the treatment of genetic disorders. Cellular and Molecular Life Sciences, 2003, 60, 834-843.	5.4	13
199	Efficient Lentiviral Vectors for Short Hairpin RNA Delivery into Human Cells. Human Gene Therapy, 2003, 14, 1207-1212.	2.7	86

#	ARTICLE	IF	CITATIONS
200	Localized expression of small RNA inhibitors in human cells. <i>Molecular Therapy</i> , 2003, 7, 237-247.	8.2	59
201	Bispecific Short Hairpin siRNA Constructs Targeted to CD4, CXCR4, and CCR5 Confer HIV-1 Resistance. <i>Oligonucleotides</i> , 2003, 13, 303-312.	2.7	103
202	New frontiers in gene targeting and cloning: success, application and challenges in domestic animals and human embryonic stem cells. <i>Reproduction</i> , 2003, 126, 1-11.	2.6	54
203	Design and Evaluation of Chemically Synthesized siRNA Targeting the NPM-ALK Fusion Site in Anaplastic Large Cell Lymphoma (ALCL). <i>Oligonucleotides</i> , 2003, 13, 365-373.	2.7	33
204	RNA interference for treating cancers caused by viral infection. <i>Expert Opinion on Biological Therapy</i> , 2003, 3, 459-467.	3.1	17
205	The Osteoblast Transcription Factor Runx2 Is Expressed in Mammary Epithelial Cells and Mediates osteopontin Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 48684-48689.	3.4	129
206	Akt Regulates Basic Helix-Loop-Helix Transcription Factor-Coactivator Complex Formation and Activity during Neuronal Differentiation. <i>Molecular and Cellular Biology</i> , 2003, 23, 4417-4427.	2.3	92
207	Megakaryoblastic Leukemia 1, a Potent Transcriptional Coactivator for Serum Response Factor (SRF), Is Required for Serum Induction of SRF Target Genes. <i>Molecular and Cellular Biology</i> , 2003, 23, 6597-6608.	2.3	261
208	Antagonistic Effects of $\beta$ -Site Amyloid Precursor Protein-cleaving Enzymes 1 and 2 on $\beta$ -Amyloid Peptide Production in Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 31512-31520.	3.4	84
209	Centromere-associated protein-E is essential for the mammalian mitotic checkpoint to prevent aneuploidy due to single chromosome loss. <i>Journal of Cell Biology</i> , 2003, 162, 551-563.	5.2	233
210	Promoter choice affects the potency of HIV-1 specific RNA interference. <i>Nucleic Acids Research</i> , 2003, 31, 5033-5038.	14.5	93
211	Clearance of replicating hepatitis C virus replicon RNAs in cell culture by small interfering RNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 235-240.	7.1	314
212	Protein Kinase C $\delta$ Modulates Nuclear Receptor-Corepressor Interaction during T Cell Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 39296-39302.	3.4	13
213	Sequence requirements for micro RNA processing and function in human cells. <i>Rna</i> , 2003, 9, 112-123.	3.5	450
214	The SCFSkp2 Ubiquitin Ligase Complex Interacts with the Human Replication Licensing Factor Cdt1 and Regulates Cdt1 Degradation. <i>Journal of Biological Chemistry</i> , 2003, 278, 30854-30858.	3.4	205
215	Nucleotide sequence homology requirements of HIV-1-specific short hairpin RNA. <i>Nucleic Acids Research</i> , 2003, 31, 6444-6449.	14.5	62
216	Ecsit is required for Bmp signaling and mesoderm formation during mouse embryogenesis. <i>Genes and Development</i> , 2003, 17, 2933-2949.	5.9	87
217	Modulation of Gene Expression by Lentiviral-Mediated Delivery of Small Interfering RNA. <i>Cell Cycle</i> , 2003, 2, 250-256.	2.6	78

#	ARTICLE	IF	CITATIONS
218	Expression profiling via novel multiplex assay allows rapid assessment of gene regulation in defined signalling pathways. <i>Nucleic Acids Research</i> , 2003, 31, 153e-153.	14.5	139
219	Myocardin Is a Key Regulator of CArG-Dependent Transcription of Multiple Smooth Muscle Marker Genes. <i>Circulation Research</i> , 2003, 92, 856-864.	4.5	320
220	Distinct Domain Utilization by Smad3 and Smad4 for Nucleoporin Interaction and Nuclear Import. <i>Journal of Biological Chemistry</i> , 2003, 278, 42569-42577.	3.4	102
221	Generation of <i>Ski</i> -knockdown mice by expressing a long double-strand RNA from an RNA polymerase II promoter. <i>Genes and Development</i> , 2003, 17, 1340-1345.	5.9	102
222	Multiple, dispersed human U6 small nuclear RNA genes with varied transcriptional efficiencies. <i>Nucleic Acids Research</i> , 2003, 31, 2344-2352.	14.5	66
223	Roles of hnRNP A1, SR Proteins, and p68 Helicase in c-H- ras Alternative Splicing Regulation. <i>Molecular and Cellular Biology</i> , 2003, 23, 2927-2941.	2.3	116
224	The GTP/GDP Cycling of Rho GTPase TCL Is an Essential Regulator of the Early Endocytic Pathway. <i>Molecular Biology of the Cell</i> , 2003, 14, 4846-4856.	2.1	61
225	The Cell Cycle-regulated Protein Human GTSE-1 Controls DNA Damage-induced Apoptosis by Affecting p53 Function. <i>Journal of Biological Chemistry</i> , 2003, 278, 30356-30364.	3.4	71
226	Inducible shRNA expression for application in a prostate cancer mouse model. <i>Nucleic Acids Research</i> , 2003, 31, 127e-127.	14.5	156
228	FAP-1 Association with Fas (Apo-1) Inhibits Fas Expression on the Cell Surface. <i>Molecular and Cellular Biology</i> , 2003, 23, 3623-3635.	2.3	100
229	Adenoviral Vectors Expressing siRNAs for Discovery and Validation of Gene Function. <i>Genome Research</i> , 2003, 13, 2325-2332.	5.5	88
230	The human multidrug resistance protein MRP4 functions as a prostaglandin efflux transporter and is inhibited by nonsteroidal antiinflammatory drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9244-9249.	7.1	478
231	Allele-specific silencing of dominant disease genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7195-7200.	7.1	363
232	The small RING finger protein Z drives arenavirus budding: Implications for antiviral strategies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12978-12983.	7.1	304
233	$\beta$ -Secretase Activity Is Associated with a Conformational Change of Nicastrin. <i>Journal of Biological Chemistry</i> , 2003, 278, 16474-16477.	3.4	89
234	c-Myc Directly Regulates the Transcription of the NBS1 Gene Involved in DNA Double-strand Break Repair. <i>Journal of Biological Chemistry</i> , 2003, 278, 19286-19291.	3.4	70
235	A Role for NF- $\kappa$ B Essential Modifier/ $\text{I}\kappa$ B Kinase- $\beta$ (NEMO/ $\text{IKK}\beta$ ) Ubiquitination in the Activation of the $\text{I}\kappa$ B Kinase Complex by Tumor Necrosis Factor- $\alpha$ . <i>Journal of Biological Chemistry</i> , 2003, 278, 37297-37305.	3.4	191
236	siRNAs: a new wave of RNA-based therapeutics. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 753-756.	3.0	21

#	ARTICLE	IF	CITATIONS
237	Functional studies of the PI(3)-kinase signalling pathway employing synthetic and expressed siRNA. <i>Nucleic Acids Research</i> , 2003, 31, 670-682.	14.5	82
238	A simple and cost-effective method for producing small interfering RNAs with high efficacy. <i>Nucleic Acids Research</i> , 2003, 31, 38e-38.	14.5	57
239	Allele-specific silencing of a pathogenic mutant acetylcholine receptor subunit by RNA interference. <i>Human Molecular Genetics</i> , 2003, 12, 2637-2644.	2.9	66
240	RNAi as a gene therapy approach. <i>Expert Opinion on Biological Therapy</i> , 2003, 3, 575-586.	3.1	68
241	Inhibiting expression of specific genes in mammalian cells with 5' end-mutated U1 small nuclear RNAs targeted to terminal exons of pre-mRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8264-8269.	7.1	78
242	Therapeutic gene silencing in the nervous system. <i>Human Molecular Genetics</i> , 2003, 12, R279-R284.	2.9	36
243	TAB1 <sup>Δ2</sup> (Transforming Growth Factor- $\beta$ -activated Protein Kinase 1-binding Protein 1 <sup>Δ2</sup> ), a Novel Splicing Variant of TAB1 That Interacts with p38 $\beta$ but Not TAK1. <i>Journal of Biological Chemistry</i> , 2003, 278, 2286-2293.	3.4	69
244	Interaction of Murine Precursor B Cell Receptor with Stroma Cells Is Controlled by the Unique Tail of $\alpha$ 5 and Stroma Cell-Associated Heparan Sulfate. <i>Journal of Immunology</i> , 2003, 171, 2338-2348.	0.8	99
245	A novel and essential mechanism determining specificity and activity of protein phosphatase 2A (PP2A) in vivo. <i>Genes and Development</i> , 2003, 17, 2138-2150.	5.9	89
246	Conditional Suppression of Cellular Genes: Lentivirus Vector-Mediated Drug-Inducible RNA Interference. <i>Journal of Virology</i> , 2003, 77, 8957-8961.	3.4	677
247	Gene Trapping: a Multi-Purpose Tool for Functional Genomics. <i>Biotechnology and Genetic Engineering Reviews</i> , 2003, 20, 77-100.	6.2	0
248	Long Endogenous dsRNAs Can Induce Complete Gene Silencing in Mammalian Cells and Primary Cultures. <i>Oligonucleotides</i> , 2003, 13, 381-392.	2.7	25
249	Specific Killing of Ph+Chronic Myeloid Leukemia Cells by a Lentiviral Vector-Delivered Anti-bcr/ablSmall Hairpin RNA. <i>Oligonucleotides</i> , 2003, 13, 401-409.	2.7	29
250	Lentivirus-delivered stable gene silencing by RNAi in primary cells. <i>Rna</i> , 2003, 9, 493-501.	3.5	1,270
251	Antisense Transcripts With FANTOM2 Clone Set and Their Implications for Gene Regulation. <i>Genome Research</i> , 2003, 13, 1324-1334.	5.5	224
252	LPS-TLR4 Signaling to IRF-3/7 and NF- $\kappa$ B Involves the Toll Adapters TRAM and TRIF. <i>Journal of Experimental Medicine</i> , 2003, 198, 1043-1055.	8.5	1,053
253	Rna interference: applications in vertebrates. <i>Molecular Therapy</i> , 2003, 7, 9-10.	8.2	8
254	Simultaneous inhibition of GSK3 $\alpha$ and GSK3 $\beta$ using hairpin siRNA expression vectors. <i>Molecular Therapy</i> , 2003, 7, 228-236.	8.2	114



#	ARTICLE	IF	CITATIONS
255	Gene Silencing by RNAi in Mammalian Cells. Current Protocols in Molecular Biology, 2003, 62, Unit 26.2.	2.9	6
256	Variations of the 3' Protruding Ends in Synthetic Short Interfering RNA (siRNA) Tested by Microinjection in Drosophila Embryos. Oligonucleotides, 2003, 13, 295-301.	2.7	9
257	Strategies for Generation of an siRNA Expression Library Directed Against the Human Genome. Oligonucleotides, 2003, 13, 325-333.	2.7	96
258	Targeting CCR5 with siRNAs: Using Recombinant SV40-Derived Vectors to Protect Macrophages and Microglia from R5-Tropic HIV. Oligonucleotides, 2003, 13, 281-294.	2.7	50
259	Axin Utilizes Distinct Regions for Competitive MEKK1 and MEKK4 Binding and JNK Activation. Journal of Biological Chemistry, 2003, 278, 37451-37458.	3.4	61
260	Genome-scale functional profiling of the mammalian AP-1 signaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12153-12158.	7.1	115
261	Mammalian GGAs act together to sort mannose 6-phosphate receptors. Journal of Cell Biology, 2003, 163, 755-766.	5.2	92
262	Development of an siRNA-based method for repressing specific genes in renal organ culture and its use to show that the Wt1 tumour suppressor is required for nephron differentiation. Human Molecular Genetics, 2003, 13, 235-246.	2.9	170
263	Werner syndrome protein limits MYC-induced cellular senescence. Genes and Development, 2003, 17, 1569-1574.	5.9	157
264	Hepatitis B Virus X Protein and Simian Virus 5 V Protein Exhibit Similar UV-DDB1 Binding Properties To Mediate Distinct Activities. Journal of Virology, 2003, 77, 6274-6283.	3.4	51
265	The Drosophila Selenoprotein BthD Is Required for Survival and Has a Role in Salivary Gland Development. Molecular and Cellular Biology, 2003, 23, 8495-8504.	2.3	15
266	Reversal of Senescence in Mouse Fibroblasts through Lentiviral Suppression of p53. Journal of Biological Chemistry, 2003, 278, 11731-11734.	3.4	211
267	Pellino 1 Is Required for Interleukin-1 (IL-1)-mediated Signaling through Its Interaction with the IL-1 Receptor-associated Kinase 4 (IRAK4)-IRAK-Tumor Necrosis Factor Receptor-associated Factor 6 (TRAF6) Complex. Journal of Biological Chemistry, 2003, 278, 10952-10956.	3.4	162
268	Establishment of conditional vectors for hairpin siRNA knockdowns. Nucleic Acids Research, 2003, 31, 77e-77.	14.5	154
269	Tolerance for mutations and chemical modifications in a siRNA. Nucleic Acids Research, 2003, 31, 589-595.	14.5	475
270	RNA interference blocks gene expression and RNA synthesis from hepatitis C replicons propagated in human liver cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2783-2788.	7.1	283
271	Inhibiting HIV-1 infection in human T cells by lentiviral-mediated delivery of small interfering RNA against CCR5. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 183-188.	7.1	660
272	Interference of hepatitis C virus RNA replication by short interfering RNAs. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2014-2018.	7.1	369



#	ARTICLE	IF	CITATIONS
273	Expression of siRNA from a Single Transcript That Includes Multiple Ribozymes in Mammalian Cells. <i>Oligonucleotides</i> , 2003, 13, 335-343.	2.7	12
274	CDK11 Complexes Promote Pre-mRNA Splicing. <i>Journal of Biological Chemistry</i> , 2003, 278, 8623-8629.	3.4	131
275	The Transcriptional Coactivator PGC-1 Regulates the Expression and Activity of the Orphan Nuclear Receptor Estrogen-Related Receptor $\beta$ (ERR $\beta$ ). <i>Journal of Biological Chemistry</i> , 2003, 278, 9013-9018.	3.4	409
276	Stable and controllable RNA interference: Investigating the physiological function of glutathionylated actin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5103-5106.	7.1	147
277	A general method for gene knockdown in mice by using lentiviral vectors expressing small interfering RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1844-1848.	7.1	546
278	CDK9 Is Constitutively Expressed throughout the Cell Cycle, and Its Steady-State Expression Is Independent of SKP2. <i>Molecular and Cellular Biology</i> , 2003, 23, 5165-5173.	2.3	80
279	Control of Nutrient-Sensitive Transcription Programs by the Unconventional Prefoldin URF. <i>Science</i> , 2003, 302, 1208-1212.	12.6	164
280	Munc18 Interacting Proteins. <i>Journal of Biological Chemistry</i> , 2003, 278, 36032-36040.	3.4	84
281	Inhibitor of Myogenic Family, a Novel Suppressor of Store-operated Currents through an Interaction with TRPC1. <i>Journal of Biological Chemistry</i> , 2003, 278, 52763-52772.	3.4	47
282	$\beta$ -Np63 $\beta$ Expression Is Regulated by the Phosphoinositide 3-Kinase Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 51408-51414.	3.4	69
283	The SH3 Domain-containing Adaptor HIP-55 Mediates c-Jun N-terminal Kinase Activation in T Cell Receptor Signaling. <i>Journal of Biological Chemistry</i> , 2003, 278, 52195-52202.	3.4	51
284	Inhibition of Human Immunodeficiency Virus Type 1 Replication in Primary Macrophages by Using Tat- or CCR5-Specific Small Interfering RNAs Expressed from a Lentivirus Vector. <i>Journal of Virology</i> , 2003, 77, 11964-11972.	3.4	140
285	Stop codon suppression via inhibition of eRF1 expression. <i>Rna</i> , 2003, 9, 648-653.	3.5	43
286	Involvement of the Rab27 Binding Protein Slac2c/MyRIP in Insulin Exocytosis. <i>Molecular Biology of the Cell</i> , 2003, 14, 4103-4113.	2.1	146
287	Inhibition of Virus Replication by RNA Interference. <i>Journal of Biomedical Science</i> , 2003, 10, 607-616.	7.0	89
288	An enhanced U6 promoter for synthesis of short hairpin RNA. <i>Nucleic Acids Research</i> , 2003, 31, 100e-100.	14.5	75
289	High-Throughput Selection of Effective RNAi Probes for Gene Silencing. <i>Genome Research</i> , 2003, 13, 2333-2340.	5.5	154
290	Suppression of chemokine receptor expression by RNA interference allows for inhibition of HIV-1 replication. <i>Aids</i> , 2003, 17, S103-S105.	2.2	15

#	ARTICLE	IF	CITATIONS
291	Analysis of the mitochondrial DNA genome in the peripheral blood leukocytes of HIV-infected patients with or without lipoatrophy,. Aids, 2003, 17, S101-S103.	2.2	0
292	B cell activation in peripheral blood and lymph nodes during HIV infection,. Aids, 2003, 17, S99-S101.	2.2	0
293	RNA Interference: Analyzing the Function of Glycoproteins and Glycosylating Proteins in Mammalian Cells. Methods in Enzymology, 2003, 363, 173-190.	1.0	1
294	Genetic Manipulation of Protein Kinase C In Vivo. , 2003, 233, 475-490.		3
295	Use of Lentiviral Vectors for Delivery of Small Interfering RNA. Cancer Biology and Therapy, 2003, 2, 206-210.	3.4	46
296	RNA interference: a potential tool against Kaposi's sarcoma-associated herpesvirus. Current Opinion in Infectious Diseases, 2003, 16, 593-600.	3.1	5
297	SIVmac pathogenesis in rhesus macaques of Chinese and Indian origin compared with primary HIV infections in humans,. Aids, 2003, 17, S107-S108.	2.2	5
298	Effect of interleukin-2 plus highly active antiretroviral therapy on HIV-1 replication and proviral DNA (COSMIC trial). Aids, 2003, 17, S105-S107.	2.2	0
299	Advances in retroviral transduction of hematopoietic stem cells for the gene therapy of atherosclerosis. Current Opinion in Lipidology, 2003, 14, 491-497.	2.7	6
300	Nucleic acid-based techniques for post-transcriptional regulation of molecular targets. Current Opinion in Nephrology and Hypertension, 2003, 12, 415-421.	2.0	8
301	Serial analysis of gene expression and cancer. Current Opinion in Oncology, 2003, 15, 44-49.	2.4	36
302	Neutralizing antibodies as a potential secondary protective mechanism during chronic SHIV infection in CD8+ T-cell-depleted macaques,. Aids, 2003, 17, S97-S99.	2.2	0
303	Protein Kinase C $\alpha$ (PKC $\alpha$ ) Acts Upstream of PKC $\delta$ To Activate I $\kappa$ B Kinase and NF- $\kappa$ B in T Lymphocytes. Molecular and Cellular Biology, 2003, 23, 7068-7081.	2.3	110
305	RNA Interference With Small Hairpin RNAs Transcribed From a Human U6 Promoter-Driven DNA Vector. Journal of Pharmacological Sciences, 2003, 93, 214-217.	2.5	17
306	Chapter 26. RNAi: When interfering is a plus. Annual Reports in Medicinal Chemistry, 2003, 38, 261-274.	0.9	2
307	Nuclear Receptor Target Gene Discovery Using High-Throughput Chromatin Immunoprecipitation. Methods in Enzymology, 2003, 364, 339-350.	1.0	9
308	Regulating the Expression of Protein Phosphatase Type 5. Methods in Enzymology, 2003, 366, 372-390.	1.0	7
309	Drosophila Cells Using RNA Interference" chap="27">Analysis of Protein Phosphatase Function in Drosophila Cells Using RNA Interference. Methods in Enzymology, 2003, 366, 359-372.	1.0	3

#	ARTICLE	IF	CITATIONS
310	Specific inhibition of bcr-abl gene expression by small interfering RNA. Blood, 2003, 101, 1566-1569.	1.4	251
311	The transcription factor early growth response factor-1 (EGR-1) promotes apoptosis of neuroblastoma cells. Biochemical Journal, 2003, 373, 739-746.	3.7	58
312	Ex vivo targeting of p21Cip1/Waf1 permits relative expansion of human hematopoietic stem cells. Blood, 2003, 102, 1260-1266.	1.4	61
313	Sumoylation of Pdx1 is associated with its nuclear localization and insulin gene activation. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E830-E840.	3.5	81
316	RNA Interference in Functional Genomics and Medicine. Journal of Korean Medical Science, 2003, 18, 309.	2.5	48
317	RNAi technology and its use in studying the function of nuclear receptors and coregulators. Nuclear Receptor Signaling, 2003, 1, nrs.01008.	1.0	3
318	Overcoming Obstacles in DNA Sequencing of Expression Plasmids for Short Interfering RNAs. BioTechniques, 2003, 34, 1140-1144.	1.8	8
319	RNA Interference by Production of Short Hairpin dsRNA in ES Cells, Their Differentiated Derivatives, and in Somatic Cell Lines. BioTechniques, 2003, 34, 734-744.	1.8	9
320	Deciphering the Renal Code: Advances in Conditional Gene Targeting. Physiology, 2004, 19, 245-252.	3.1	12
322	RNA interference by osmotic lysis of pinosomes: liposome-independent transfection of siRNAs into mammalian cells. BioTechniques, 2004, 37, 96-102.	1.8	8
323	Improved silencing vector co-expressing GFP and small hairpin RNA. BioTechniques, 2004, 36, 74-79.	1.8	69
324	Silencing of antiapoptotic survivin gene by multiple approaches of RNA interference technology. BioTechniques, 2004, 36, 450-460.	1.8	63
325	A new vector, based on the PolII promoter for the U1 snRNA gene, for the expression of siRNAs in mammalian cells. Molecular Therapy, 2004, 10, 191.	8.2	1
327	Targeted Gene Silencing by Small Interfering RNA-Based Knock-Down Technology. Current Pharmaceutical Biotechnology, 2004, 5, 1-7.	1.6	26
328	Cancer Genetics and Drug Target Selection. , 2004, , 41-53.		0
329	Human Type II GnRH Receptor Mediates Effects of GnRH on Cell Proliferation. Zoological Science, 2004, 21, 763-770.	0.7	26
330	Molecular Targets to Promote Central Nervous System Regeneration. Current Neurovascular Research, 2004, 1, 61-75.	1.1	14
331	Therapeutic Applications of RNA Interference: Recent Advances in siRNA Design. Advances in Genetics, 2004, 52, 1-21.	1.8	9

#	ARTICLE	IF	CITATIONS
332	Paradoxical Actions of Endogenous and Exogenous Insulin-like Growth Factor-binding Protein-5 Revealed by RNA Interference Analysis. <i>Journal of Biological Chemistry</i> , 2004, 279, 32660-32666.	3.4	49
333	RNA Interference (RNAi) With RNase III-Prepared siRNAs. , 2004, 252, 471-482.		17
334	Use of siRNA to Study the Function of MDC1 in DNA Damage Responses. , 2004, 281, 179-188.		5
335	GH1 Splicing Is Regulated by Multiple Enhancers Whose Mutation Produces a Dominant-Negative GH Isoform That Can Be Degraded by Allele-Specific Small Interfering RNA (siRNA). <i>Endocrinology</i> , 2004, 145, 2988-2996.	2.8	67
336	siRNAs: Mechanism of RNA interference, In vivo and potential clinical applications. <i>Cancer Biology and Therapy</i> , 2004, 3, 1069-1074.	3.4	41
337	The Rab-Binding Protein Noc2 Is Associated with Insulin-Containing Secretory Granules and Is Essential for Pancreatic Î²-Cell Exocytosis. <i>Molecular Endocrinology</i> , 2004, 18, 117-126.	3.7	78
338	Anti-HIV-1 Gene Expressing Lentiviral Vectors as an Adjunctive Therapy for HIV-1 Infection. <i>Current HIV Research</i> , 2004, 2, 185-191.	0.5	31
339	Potential Design Rules and Enzymatic Synthesis of siRNAs. , 2004, 252, 457-470.		8
340	Conditionally Replicating Adenoviruses Expressing Short Hairpin RNAs Silence the Expression of a Target Gene in Cancer Cells. <i>Cancer Research</i> , 2004, 64, 2663-2667.	0.9	59
341	Iron-sulfur protein maturation in human cells: evidence for a function of frataxin. <i>Human Molecular Genetics</i> , 2004, 13, 3007-3015.	2.9	183
342	Hepatoma-Derived Growth Factor Is Involved in Lung Remodeling by Stimulating Epithelial Growth. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 30, 459-469.	2.9	37
343	Adenovirus-Delivered siRNA. , 2004, 252, 523-532.		16
344	Biochemical Analysis of the Cell Cycle and Cell Cycle Checkpoints in Transiently Transfected Cells After Collection With Magnetic Beads. , 2004, 281, 261-270.		0
345	RNA Interference by Short Hairpin RNAs Expressed in Vertebrate Cells. , 2004, 257, 255-266.		57
346	Selective Recruitment of p160 Coactivators on Glucocorticoid-Regulated Promoters in Schwann Cells. <i>Molecular Endocrinology</i> , 2004, 18, 2866-2879.	3.7	41
347	Suppression of Hepatitis C Virus Replicon by RNA Interference Directed against the NS3 and NS5B Regions of the Viral Genome. <i>Microbiology and Immunology</i> , 2004, 48, 591-598.	1.4	59
348	NDRG1 Is Necessary for p53-dependent Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 48930-48940.	3.4	181
350	Adenovirus Vector-Mediated Doxycycline-Inducible RNA Interference. <i>Human Gene Therapy</i> , 2004, 15, 813-819.	2.7	50

#	ARTICLE	IF	CITATIONS
351	Gel-Based Application of siRNA to Human Epithelial Cancer Cells Induces RNAi-Dependent Apoptosis. Oligonucleotides, 2004, 14, 239-248.	2.7	42
353	Death-associated Protein 3 Localizes to the Mitochondria and Is Involved in the Process of Mitochondrial Fragmentation during Cell Death. Journal of Biological Chemistry, 2004, 279, 36732-36738.	3.4	65
354	How to use RNA interference. Briefings in Functional Genomics & Proteomics, 2004, 3, 68-83.	3.8	18
355	Mutation of <i>hCDC4</i> Leads to Cell Cycle Deregulation of Cyclin E in Cancer. Cancer Research, 2004, 64, 795-800.	0.9	91
356	Direct Activation of HSP90A Transcription by c-Myc Contributes to c-Myc-induced Transformation. Journal of Biological Chemistry, 2004, 279, 14649-14655.	3.4	54
357	Complexin I regulates glucose-induced secretion in pancreatic Î²-cells. Journal of Cell Science, 2004, 117, 2239-2247.	2.0	64
358	Glucose and Insulin Treatment of Insulinoma Cells Results in Transcriptional Regulation of a Common Set of Genes. Diabetes, 2004, 53, 1496-1508.	0.6	48
359	TATA-binding Protein-associated Factor 7 Regulates Polyamine Transport Activity and Polyamine Analog-induced Apoptosis. Journal of Biological Chemistry, 2004, 279, 29921-29929.	3.4	17
360	RNA Interference Targeting Transforming Growth Factor-Î² Enhances NKG2D-Mediated Antiglioma Immune Response, Inhibits Glioma Cell Migration and Invasiveness, and Abrogates Tumorigenicity <i>In vivo</i> . Cancer Research, 2004, 64, 7596-7603.	0.9	275
361	Activation of Transcription Factor NF-Î²B Requires ELKS, an Î²B Kinase Regulatory Subunit. Science, 2004, 304, 1963-1967.	12.6	204
362	Human Immunodeficiency Virus Type 1 Escapes from RNA Interference-Mediated Inhibition. Journal of Virology, 2004, 78, 2601-2605.	3.4	426
363	Cortactin is necessary for E-cadherin-mediated contact formation and actin reorganization. Journal of Cell Biology, 2004, 164, 899-910.	5.2	160
364	The Six1 homeoprotein stimulates tumorigenesis by reactivation of cyclin A1. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6478-6483.	7.1	189
365	Stable Gene Silencing in Human Monocytic Cell Lines Using Lentiviral-delivered Small Interference RNA. Journal of Biological Chemistry, 2004, 279, 9379-9388.	3.4	36
366	Ribozymes: Applications to Functional Analysis and Gene Discovery. Journal of Biochemistry, 2004, 136, 133-147.	1.7	13
367	Surfection: a new platform for transfected cell arrays. Nucleic Acids Research, 2004, 32, 33e-33.	14.5	57
368	Identification of Novel Binding Elements and Gene Targets for the Homeodomain Protein BARX2. Journal of Biological Chemistry, 2004, 279, 14520-14530.	3.4	36
369	Resistin promotes 3T3-L1 preadipocyte differentiation. European Journal of Endocrinology, 2004, 150, 885-892.	3.7	30

#	ARTICLE	IF	CITATIONS
370	Characterization of Stanniocalcin 2, a Novel Target of the Mammalian Unfolded Protein Response with Cytoprotective Properties. <i>Molecular and Cellular Biology</i> , 2004, 24, 9456-9469.	2.3	166
371	N-cadherin Activation Substitutes for the Cell Contact Control in Cell Cycle Arrest and Myogenic Differentiation. <i>Journal of Biological Chemistry</i> , 2004, 279, 36795-36802.	3.4	53
372	VITO-1 is an essential cofactor of TEF1-dependent muscle-specific gene regulation. <i>Nucleic Acids Research</i> , 2004, 32, 791-802.	14.5	59
373	p42, a Novel Cyclin-dependent Kinase-activating Kinase in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 4507-4514.	3.4	54
374	Requirement for Aspartate-cleaved Bid in Apoptosis Signaling by DNA-damaging Anti-cancer Regimens. <i>Journal of Biological Chemistry</i> , 2004, 279, 28771-28780.	3.4	37
375	LEDGF/p75 Determines Cellular Trafficking of Diverse Lentiviral but Not Murine Oncoretroviral Integrase Proteins and Is a Component of Functional Lentiviral Preintegration Complexes. <i>Journal of Virology</i> , 2004, 78, 9524-9537.	3.4	275
376	Antisense Inhibition: Oligonucleotides, Ribozymes, and siRNAs. , 2005, , 011-034.		8
377	T cell chemotaxis to lysophosphatidylcholine through the G2A receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 245-250.	7.1	184
378	Gene Silencing of HIV-1 by RNA Interference. <i>Antiviral Chemistry and Chemotherapy</i> , 2004, 15, 57-65.	0.6	8
379	RNA interference-mediated silencing of mutant superoxide dismutase rescues cyclosporin A-induced death in cultured neuroblastoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3178-3183.	7.1	63
380	Up-regulation of Bcl-2 Homology 3 (BH3)-only Proteins by E2F1 Mediates Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 8627-8634.	3.4	279
381	Antiviral Effects of Human Immunodeficiency Virus Type 1-Specific Small Interfering RNAs against Targets Conserved in Select Neurotropic Viral Strains. <i>Journal of Virology</i> , 2004, 78, 13687-13696.	3.4	41
382	Activation of Extracellular Signalâ€‘Regulated Kinase Mediates Apoptosis Induced by Uropathogenic<i>Escherichia coli</i> Toxins via Nitric Oxide Synthase: Protective Role of Heme Oxygenaseâ€‘1. <i>Journal of Infectious Diseases</i> , 2004, 190, 127-135.	4.0	37
383	Nedd4-2 Functionally Interacts with CIC-5. <i>Journal of Biological Chemistry</i> , 2004, 279, 54996-55007.	3.4	83
384	FoxO3a and BCR-ABL Regulate cyclin D2 Transcription through a STAT5/BCL6-Dependent Mechanism. <i>Molecular and Cellular Biology</i> , 2004, 24, 10058-10071.	2.3	155
385	Phospholipase D2 Localizes to the Plasma Membrane and Regulates Angiotensin II Receptor Endocytosis. <i>Molecular Biology of the Cell</i> , 2004, 15, 1024-1030.	2.1	194
386	The Ubiquitin Ligase SCFFbw7 Antagonizes Apoptotic JNK Signaling. <i>Science</i> , 2004, 303, 1374-1378.	12.6	331
387	Inhibition of influenza virus matrix (M1) protein expression and virus replication by U6 promoter-driven and lentivirus-mediated delivery of siRNA. <i>Journal of General Virology</i> , 2004, 85, 1877-1884.	2.9	41

#	ARTICLE	IF	CITATIONS
388	An Annexin 2 Phosphorylation Switch Mediates p11-dependent Translocation of Annexin 2 to the Cell Surface. <i>Journal of Biological Chemistry</i> , 2004, 279, 43411-43418.	3.4	206
389	Structural requirements for pre-microRNA binding and nuclear export by Exportin 5. <i>Nucleic Acids Research</i> , 2004, 32, 4776-4785.	14.5	390
390	Relative gene-silencing efficiencies of small interfering RNAs targeting sense and antisense transcripts from the same genetic locus. <i>Nucleic Acids Research</i> , 2004, 32, 4609-4617.	14.5	43
391	Ribozyme- and siRNA-Mediated mRNA Degradation: A General Introduction. , 2004, 252, 001-008.		14
392	BASP1 Is a Transcriptional Cosuppressor for the Wilms' Tumor Suppressor Protein WT1. <i>Molecular and Cellular Biology</i> , 2004, 24, 537-549.	2.3	120
393	HPC1/RNASEL Mediates Apoptosis of Prostate Cancer Cells Treated with 2â€²,5â€²-Oligoadenylates, Topoisomerase I Inhibitors, and Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand. <i>Cancer Research</i> , 2004, 64, 9144-9151.	0.9	64
394	Vector-Based in Vivo RNA Interference: Dose- and Time-Dependent Suppression of Transgene Expression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 308, 688-693.	2.5	68
395	RNA Interference Inhibition of Mus81 Reduces Mitotic Recombination in Human Cells. <i>Molecular Biology of the Cell</i> , 2004, 15, 552-562.	2.1	47
396	The ETS Transcription Factor Spi-B Is Required for Human Plasmacytoid Dendritic Cell Development. <i>Journal of Experimental Medicine</i> , 2004, 200, 1503-1509.	8.5	161
397	Heparanase Gene Silencing, Tumor Invasiveness, Angiogenesis, and Metastasis. <i>Journal of the National Cancer Institute</i> , 2004, 96, 1219-1230.	6.3	223
398	Tumor-Microenvironment Interactions. <i>Cancer Research</i> , 2004, 64, 6571-6578.	0.9	62
399	Cutting Edge: Direct Interaction of TLR4 with NAD(P)H Oxidase 4 Isozyme Is Essential for Lipopolysaccharide-Induced Production of Reactive Oxygen Species and Activation of NF-Î²B. <i>Journal of Immunology</i> , 2004, 173, 3589-3593.	0.8	576
400	Discriminatory suppression of homologous recombination by p53. <i>Nucleic Acids Research</i> , 2004, 32, 6479-6489.	14.5	32
401	A Short Peptide at the Amino Terminus of the Sendai Virus C Protein Acts as an Independent Element That Induces STAT1 Instability. <i>Journal of Virology</i> , 2004, 78, 8799-8811.	3.4	28
402	AKAP350 Interaction with cdc42 Interacting Protein 4 at the Golgi Apparatus. <i>Molecular Biology of the Cell</i> , 2004, 15, 2771-2781.	2.1	65
403	Papillomavirus-Like Particles Stimulate Murine Bone Marrow-Derived Dendritic Cells To Produce Alpha Interferon and Th1 Immune Responses via MyD88. <i>Journal of Virology</i> , 2004, 78, 11152-11160.	3.4	122
404	Regulation of Î±1(I) Collagen Messenger RNA Decay by Interactions with Î±CP at the 3â€²-Untranslated Region. <i>Journal of Biological Chemistry</i> , 2004, 279, 23822-23829.	3.4	51
405	An Adenovirus Vector for Efficient RNA Interference-Mediated Suppression of Target Genes in Insulinoma Cells and Pancreatic Islets of Langerhans. <i>Diabetes</i> , 2004, 53, 2190-2194.	0.6	74



#	ARTICLE	IF	CITATIONS
406	The CCAAT Enhancer-binding Protein $\hat{\pm}$ (C/EBP $\hat{\pm}$ ) Requires a SWI/SNF Complex for Proliferation Arrest. Journal of Biological Chemistry, 2004, 279, 7353-7358.	3.4	78
407	The Brain-specific Double-stranded RNA-binding Protein Staufen2. Journal of Biological Chemistry, 2004, 279, 31440-31444.	3.4	66
408	Inducible Silencing of KILLER/DR5 In vivo Promotes Bioluminescent Colon Tumor Xenograft Growth and Confers Resistance to Chemotherapeutic Agent 5-Fluorouracil. Cancer Research, 2004, 64, 6666-6672.	0.9	109
409	Inhibition of the Epsteinâ€Barr virus lytic cycle by Zta-targeted RNA interference. Journal of General Virology, 2004, 85, 1371-1379.	2.9	43
410	C/EBP- $\hat{\gamma}$ Induction by gp130 Signaling. Journal of Biological Chemistry, 2004, 279, 3852-3861.	3.4	11
411	Hepatoma-derived Growth Factor Is a Neurotrophic Factor Harbored in the Nucleus. Journal of Biological Chemistry, 2004, 279, 27320-27326.	3.4	63
412	Occupancy and synergistic activation of the FMR1 promoter by Nrf-1 and Sp1 in vivo. Human Molecular Genetics, 2004, 13, 1611-1621.	2.9	33
413	Effects of Length and Location on the Cellular Response to Double-Stranded RNA. Microbiology and Molecular Biology Reviews, 2004, 68, 432-452.	6.6	100
414	Endothelin Receptor B Inhibition Triggers Apoptosis and Enhances Angiogenesis in Melanomas. Cancer Research, 2004, 64, 8945-8953.	0.9	67
415	Lhx6 Regulates the Migration of Cortical Interneurons from the Ventral Telencephalon But Does Not Specify their GABA Phenotype. Journal of Neuroscience, 2004, 24, 5643-5648.	3.6	132
416	Target Cell Cyclophilin A Modulates Human Immunodeficiency Virus Type 1 Infectivity. Journal of Virology, 2004, 78, 12800-12808.	3.4	209
417	Protein Kinase C $\hat{\gamma}$ Selectively Regulates Protein Kinase D-Dependent Activation of NF- $\hat{\kappa}$ B in Oxidative Stress Signaling. Molecular and Cellular Biology, 2004, 24, 2614-2626.	2.3	215
418	Antisense derivatives of U7 and other small nuclear RNAs as tools to modify pre-mRNA splicing patterns. Gene Therapy and Regulation, 2004, 2, 321-349.	0.3	10
419	Enhancement of Hypoxia-Induced Tumor Cell Death <b> <i>In vitro</i> </b> and Radiation Therapy <b> <i>In vivo</i> </b> by Use of Small Interfering RNA Targeted to Hypoxia-Inducible Factor-1 $\hat{\pm}$ . Cancer Research, 2004, 64, 8139-8142.	0.9	118
420	Mcl-1 Mediates Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand Resistance in Human Cholangiocarcinoma Cells. Cancer Research, 2004, 64, 3517-3524.	0.9	204
421	Cyclin-Dependent Kinase Inhibition by the KLF6 Tumor Suppressor Protein through Interaction with Cyclin D1. Cancer Research, 2004, 64, 3885-3891.	0.9	152
422	Facilitating Role of Preprotachykinin-I Gene in the Integration of Breast Cancer Cells within the Stromal Compartment of the Bone Marrow. Cancer Research, 2004, 64, 2874-2881.	0.9	74
423	Induction of Centrosome Amplification and Chromosome Instability in Human Bladder Cancer Cells by p53 Mutation and Cyclin E Overexpression. Cancer Research, 2004, 64, 4800-4809.	0.9	129



#	ARTICLE	IF	CITATIONS
424	Enhancer-Dependent Splicing of FGFR1 $\hat{\pm}$ -Exon Is Repressed by RNA Interference-Mediated Down-Regulation of SRp55. <i>Cancer Research</i> , 2004, 64, 8901-8905.	0.9	18
425	Components of the Cell Death Machine and Drug Sensitivity of the National Cancer Institute Cell Line Panel. <i>Clinical Cancer Research</i> , 2004, 10, 6807-6820.	7.0	61
426	Phospholipid Scramblase 1 Potentiates the Antiviral Activity of Interferon. <i>Journal of Virology</i> , 2004, 78, 8983-8993.	3.4	107
427	ATM-Mediated Stabilization of hMutL DNA Mismatch Repair Proteins Augments p53 Activation during DNA Damage. <i>Molecular and Cellular Biology</i> , 2004, 24, 6430-6444.	2.3	66
428	BRCA2 Is Ubiquitinated In Vivo and Interacts with USP11, a Deubiquitinating Enzyme That Exhibits Prosurvival Function in the Cellular Response to DNA Damage. <i>Molecular and Cellular Biology</i> , 2004, 24, 7444-7455.	2.3	144
429	Elongation Inhibition by DRB Sensitivity-Inducing Factor Is Regulated by the A20 Promoter via a Novel Negative Element and NF- $\hat{\kappa}$ B. <i>Molecular and Cellular Biology</i> , 2004, 24, 2444-2454.	2.3	43
430	Inhibition of NF- $\hat{\kappa}$ B Activity by $\hat{\text{I}}^{\hat{\kappa}}$ B $\hat{\text{I}}^2$ in Association with $\hat{\kappa}$ B-Ras. <i>Molecular and Cellular Biology</i> , 2004, 24, 3048-3056.	2.3	46
431	Cytoplasmic foci are sites of mRNA decay in human cells. <i>Journal of Cell Biology</i> , 2004, 165, 31-40.	5.2	553
432	Differential Regulation of TCR-mediated Gene Transcription by Vav Family Members. <i>Journal of Experimental Medicine</i> , 2004, 199, 429-434.	8.5	35
433	A Web-based design center for vector-based siRNA and siRNA cassette. <i>Bioinformatics</i> , 2004, 20, 1818-1820.	4.1	59
434	Vascular ischaemia and reperfusion injury. <i>British Medical Bulletin</i> , 2004, 70, 71-86.	6.9	360
435	Ebola virus: new insights into disease aetiopathology and possible therapeutic interventions. <i>Expert Reviews in Molecular Medicine</i> , 2004, 6, 1-24.	3.9	109
436	Differential gene regulation by the SRC family of coactivators. <i>Genes and Development</i> , 2004, 18, 1753-1765.	5.9	84
437	Inhibition of HIV-1 multiplication by antisense U7 snRNAs and siRNAs targeting cyclophilin A. <i>Nucleic Acids Research</i> , 2004, 32, 3752-3759.	14.5	49
438	Control of siRNA expression using the Cre-loxP recombination system. <i>Nucleic Acids Research</i> , 2004, 32, e66-e66.	14.5	48
439	Silence of the genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5313-5314.	7.1	22
440	Inhibition of influenza virus production in virus-infected mice by RNA interference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8676-8681.	7.1	431
441	Cre-lox-regulated conditional RNA interference from transgenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10380-10385.	7.1	575

#	ARTICLE	IF	CITATIONS
442	Polo-like Kinase-1 Is Required for Bipolar Spindle Formation but Is Dispensable for Anaphase Promoting Complex/Cdc20 Activation and Initiation of Cytokinesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 36841-36854.	3.4	173
443	p38 MAPK Activation Selectively Induces Cell Death in K-ras-mutated Human Colon Cancer Cells through Regulation of Vitamin D Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 22138-22144.	3.4	60
444	Requirement of PEN-2 for Stabilization of the Presenilin N-/C-terminal Fragment Heterodimer within the $\beta$ -Secretase Complex. <i>Journal of Biological Chemistry</i> , 2004, 279, 23255-23261.	3.4	107
445	Sequential Caspase-2 and Caspase-8 Activation Upstream of Mitochondria during Ceramide and Etoposide-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 40755-40761.	3.4	114
446	Protein Kinase C-related Kinase 2 Regulates Hepatitis C Virus RNA Polymerase Function by Phosphorylation. <i>Journal of Biological Chemistry</i> , 2004, 279, 50031-50041.	3.4	69
447	AAA ATPase p97/Valosin-containing Protein Interacts with gp78, a Ubiquitin Ligase for Endoplasmic Reticulum-associated Degradation. <i>Journal of Biological Chemistry</i> , 2004, 279, 45676-45684.	3.4	185
448	A Role for 14-3-3 $\beta$ in E2F1 Stabilization and DNA Damage-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 54140-54152.	3.4	77
449	Critical Role for Protein Phosphatase 2A Heterotrimers in Mammalian Cell Survival. <i>Journal of Biological Chemistry</i> , 2004, 279, 47732-47739.	3.4	130
450	Alternative Approaches for Efficient Inhibition of Hepatitis C Virus RNA Replication by Small Interfering RNAs. <i>Journal of Virology</i> , 2004, 78, 3436-3446.	3.4	158
451	Amplification of Mdmx (or Mdm4) Directly Contributes to Tumor Formation by Inhibiting p53 Tumor Suppressor Activity. <i>Molecular and Cellular Biology</i> , 2004, 24, 5835-5843.	2.3	289
452	p116Rip Targets Myosin Phosphatase to the Actin Cytoskeleton and Is Essential for RhoA/ROCK-regulated Neurite Outgrowth. <i>Molecular Biology of the Cell</i> , 2004, 15, 5516-5527.	2.1	40
453	N-WASP and WAVE2 Acting Downstream of Phosphatidylinositol 3-Kinase Are Required for Myogenic Cell Migration Induced by Hepatocyte Growth Factor. <i>Journal of Biological Chemistry</i> , 2004, 279, 54862-54871.	3.4	69
454	Nesca, a novel adapter, translocates to the nuclear envelope and regulates neurotrophin-induced neurite outgrowth. <i>Journal of Cell Biology</i> , 2004, 164, 851-862.	5.2	21
455	The Synergistic Effect of Dexamethasone and All-trans-retinoic Acid on Hepatic Phosphoenolpyruvate Carboxykinase Gene Expression Involves the Coactivator p300. <i>Journal of Biological Chemistry</i> , 2004, 279, 34191-34200.	3.4	35
456	Generation of single and double knockdowns in polarized epithelial cells by retrovirus-mediated RNA interference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4912-4917.	7.1	91
457	RNAi knock-down mice: an emerging technology for post-genomic functional genetics. <i>Cytogenetic and Genome Research</i> , 2004, 105, 412-421.	1.1	47
458	The Long Processes of Short Interfering RNAs – RNA Interference and Its Implications in Neuronal Cells. <i>Neurodegenerative Diseases</i> , 2004, 1, 3-8.	1.4	5
459	Bcl-2 targeting siRNA expressed by a T7 vector system inhibits human tumor cell growth in vitro. <i>International Journal of Oncology</i> , 2004, 24, 615.	3.3	7

#	ARTICLE	IF	CITATIONS
460	RNA interference, A potential strategy for isoform-specific phosphatidylinositol 3-kinase targeted therapy in ovarian cancer. <i>Cancer Biology and Therapy</i> , 2004, 3, 1283-1289.	3.4	18
461	HuSiDa—the human siRNA database: an open-access database for published functional siRNA sequences and technical details of efficient transfer into recipient cells. <i>Nucleic Acids Research</i> , 2004, 33, D108-D111.	14.5	40
462	Knocking Down Human Disease: Potential Uses of RNA Interference in Research and Gene Therapy. <i>Pediatric Research</i> , 2004, 55, 912-913.	2.3	9
463	Integrins direct Src family kinases to regulate distinct phases of oligodendrocyte development. <i>Journal of Cell Biology</i> , 2004, 167, 365-375.	5.2	160
464	Stable down-regulation of human polynucleotide kinase enhances spontaneous mutation frequency and sensitizes cells to genotoxic agents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6905-6910.	7.1	139
465	SMAC/Diablo-dependent apoptosis induced by nonsteroidal antiinflammatory drugs (NSAIDs) in colon cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16897-16902.	7.1	68
466	Mitochondrial Deoxyribonucleotides, Pool Sizes, Synthesis, and Regulation. <i>Journal of Biological Chemistry</i> , 2004, 279, 17019-17026.	3.4	64
467	A Disintegrin and Metalloproteinase 10-Mediated Cleavage and Shedding Regulates the Cell Surface Expression of CXC Chemokine Ligand 16. <i>Journal of Immunology</i> , 2004, 172, 3678-3685.	0.8	228
468	TRIP6 Enhances Lysophosphatidic Acid-induced Cell Migration by Interacting with the Lysophosphatidic Acid 2 Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 10459-10468.	3.4	83
469	RNA interference and the use of small interfering RNA to study gene function in mammalian systems. <i>Journal of Molecular Endocrinology</i> , 2004, 33, 545-557.	2.5	120
470	Inducible, reversible, and stable RNA interference in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1927-1932.	7.1	214
471	Mammalian Antioxidant Defenses Are Not Inducible by H <sub>2</sub> O <sub>2</sub> . <i>Journal of Biological Chemistry</i> , 2004, 279, 31157-31163.	3.4	88
472	Conformational changes in CLIP-170 regulate its binding to microtubules and dynactin localization. <i>Journal of Cell Biology</i> , 2004, 166, 1003-1014.	5.2	159
473	ACTR/AIB1 Functions as an E2F1 Coactivator To Promote Breast Cancer Cell Proliferation and Antiestrogen Resistance. <i>Molecular and Cellular Biology</i> , 2004, 24, 5157-5171.	2.3	243
474	Repression of Tax Expression Is Associated both with Resistance of Human T-Cell Leukemia Virus Type 1-Infected T Cells to Killing by Tax-Specific Cytotoxic T Lymphocytes and with Impaired Tumorigenicity in a Rat Model. <i>Journal of Virology</i> , 2004, 78, 3827-3836.	3.4	29
475	Nup358/RanBP2 Attaches to the Nuclear Pore Complex via Association with Nup88 and Nup214/CAN and Plays a Supporting Role in CRM1-Mediated Nuclear Protein Export. <i>Molecular and Cellular Biology</i> , 2004, 24, 2373-2384.	2.3	150
476	Lentivirus-Mediated RNA Interference of DC-SIGN Expression Inhibits Human Immunodeficiency Virus Transmission from Dendritic Cells to T Cells. <i>Journal of Virology</i> , 2004, 78, 10848-10855.	3.4	119
477	DLP, a Novel Dim1 Family Protein Implicated in Pre-mRNA Splicing and Cell Cycle Progression. <i>Journal of Biological Chemistry</i> , 2004, 279, 32839-32847.	3.4	20

#	ARTICLE	IF	CITATIONS
478	AHNAK-mediated Activation of Phospholipase C- $\beta$ 1 through Protein Kinase C. Journal of Biological Chemistry, 2004, 279, 26645-26653.	3.4	46
479	The Rac Exchange Factor Tiam1 Is Required for the Establishment and Maintenance of Cadherin-based Adhesions. Journal of Biological Chemistry, 2004, 279, 30092-30098.	3.4	122
480	Fbx7 Functions in the SCF Complex Regulating Cdk1-Cyclin B-phosphorylated Hepatoma Up-regulated Protein (HURP) Proteolysis by a Proline-rich Region. Journal of Biological Chemistry, 2004, 279, 32592-32602.	3.4	94
481	SOX7 and GATA-4 Are Competitive Activators of Fgf-3 Transcription. Journal of Biological Chemistry, 2004, 279, 28564-28573.	3.4	53
482	Silencing the Formylpeptide Receptor FPR by Short-Interfering RNA. Molecular Pharmacology, 2004, 66, 1022-1028.	2.3	12
483	Gene silencing in alveolar type II cells using cell-specific promoter in vitro and in vivo. Nucleic Acids Research, 2004, 32, e134-e134.	14.5	51
484	Sequential Activation of Phosphatidylinositol 3-Kinase, $\hat{I}^2$ Pix, Rac1, and Nox1 in Growth Factor-Induced Production of H <sub>2</sub> O <sub>2</sub> . Molecular and Cellular Biology, 2004, 24, 4384-4394.	2.3	214
485	Dual Neuroprotective Signaling Mediated by Downregulating Two Distinct Phosphatase Activities of PTEN. Journal of Neuroscience, 2004, 24, 4052-4060.	3.6	165
486	Mammalian PAR-1 determines epithelial lumen polarity by organizing the microtubule cytoskeleton. Journal of Cell Biology, 2004, 164, 717-727.	5.2	177
487	ASPP1 and ASPP2: Common Activators of p53 Family Members. Molecular and Cellular Biology, 2004, 24, 1341-1350.	2.3	215
488	Regulation of p53 by the Ubiquitin-conjugating Enzymes Ubch5B/C in Vivo. Journal of Biological Chemistry, 2004, 279, 42169-42181.	3.4	130
489	TopBP1 recruits Brg1/Brm to repress E2F1-induced apoptosis, a novel pRb-independent and E2F1-specific control for cell survival. Genes and Development, 2004, 18, 673-686.	5.9	135
490	Small interfering RNA production by enzymatic engineering of DNA (SPEED). Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5494-5499.	7.1	112
491	Tobacco-specific Nitrosamine 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone Induces Phosphorylation of $\hat{I}^4$ - and m-Calpain in Association with Increased Secretion, Cell Migration, and Invasion. Journal of Biological Chemistry, 2004, 279, 53683-53690.	3.4	76
492	Adenovirus-Mediated Transfer of siRNA against Survivin Induced Apoptosis and Attenuated Tumor Cell Growth in Vitro and in Vivo. Molecular Therapy, 2004, 10, 162-171.	8.2	175
493	Gene Disruption by Regulated Short Interfering RNA Expression, Using a Two-Adenovirus System. Human Gene Therapy, 2004, 15, 1287-1292.	2.7	25
494	Use of Antisense Oligonucleotides in Functional Genomics and Target Validation. Oligonucleotides, 2004, 14, 49-64.	2.7	35
495	Electroporation and RNA interference in the rodent retina <i>in vivo</i> and <i>in vitro</i> . Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16-22.	7.1	978

#	ARTICLE	IF	CITATIONS
496	Exploring the genetic basis of disease using RNA interference. Expert Review of Molecular Diagnostics, 2004, 4, 645-651.	3.1	6
497	Apoptosis Resistance of MCF-7 Breast Carcinoma Cells to Ionizing Radiation Is Independent of p53 and Cell Cycle Control but Caused by the Lack of Caspase-3 and a Caffeine-Inhibitable Event. Cancer Research, 2004, 64, 7065-7072.	0.9	101
498	Guidelines for the selection of highly effective siRNA sequences for mammalian and chick RNA interference. Nucleic Acids Research, 2004, 32, 936-948.	14.5	647
499	TRPM4 Regulates Calcium Oscillations After T Cell Activation. Science, 2004, 306, 1374-1377.	12.6	295
500	Role for Rab7 in maturation of late autophagic vacuoles. Journal of Cell Science, 2004, 117, 4837-4848.	2.0	781
501	The V proteins of paramyxoviruses bind the IFN- $\gamma$ -inducible RNA helicase, mda-5, and inhibit its activation of the IFN- $\beta$ promoter. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17264-17269.	7.1	867
502	Discs large (Dlg1) complexes in lymphocyte activation. Journal of Cell Biology, 2004, 166, 173-178.	5.2	92
503	Phosphoinositide 3-Kinase-mediated Activation of Cofilin Phosphatase Slingshot and Its Role for Insulin-induced Membrane Protrusion. Journal of Biological Chemistry, 2004, 279, 7193-7198.	3.4	101
504	Identification of Distinct $\beta$ -Secretase Complexes with Different APH-1 Variants. Journal of Biological Chemistry, 2004, 279, 41340-41345.	3.4	149
505	Regulation of p53 Stability and Function in HCT116 Colon Cancer Cells. Journal of Biological Chemistry, 2004, 279, 7598-7605.	3.4	99
506	Lamellipodium extension and cadherin adhesion: two cell responses to cadherin activation relying on distinct signalling pathways. Journal of Cell Science, 2004, 117, 257-270.	2.0	123
507	Hypoxia-Inducible Factor-1-Independent Regulation of Vascular Endothelial Growth Factor by Hypoxia in Colon Cancer. Cancer Research, 2004, 64, 1765-1772.	0.9	148
508	The evolution of drug-activated nuclear receptors: one ancestral gene diverged into two xenosensor genes in mammals. Nuclear Receptor, 2004, 2, 7.	10.0	37
509	p53 Pathway in Renal Cell Carcinoma Is Repressed by a Dominant Mechanism. Cancer Research, 2004, 64, 1951-1958.	0.9	95
510	RNA Interference-mediated Silencing of the S100A10 Gene Attenuates Plasmin Generation and Invasiveness of Colo 222 Colorectal Cancer Cells. Journal of Biological Chemistry, 2004, 279, 2053-2062.	3.4	88
511	Homophilic interactions of chick neurofascin in trans are important for neurite induction. European Journal of Neuroscience, 2004, 20, 3184-3188.	2.6	18
512	RNA-mediated gene silencing: mechanisms and its therapeutic applications. Journal of Clinical Pharmacy and Therapeutics, 2004, 29, 395-404.	1.5	11
513	Tandem inverted repeat system for selection of effective transgenic RNAi strains in Chlamydomonas. Plant Journal, 2004, 40, 611-621.	5.7	156

#	ARTICLE	IF	CITATIONS
514	Conditional gene silencing utilizing the lac repressor reveals a role of SHP-2 in cagA-positive <i>Helicobacter pylori</i> pathogenicity. <i>Cancer Science</i> , 2004, 95, 442-447.	3.9	59
515	Caspase-mediated cleavage and activation of LIM-kinase 1 and its role in apoptotic membrane blebbing. <i>Genes To Cells</i> , 2004, 9, 591-600.	1.2	55
516	RNA interference - small RNAs effectively fight viral hepatitis. <i>Liver International</i> , 2004, 24, 526-531.	3.9	11
517	RNA silencing: no mercy for viruses?. <i>Immunological Reviews</i> , 2004, 198, 285-303.	6.0	92
518	Silencing of SOCS1 enhances antigen presentation by dendritic cells and antigen-specific anti-tumor immunity. <i>Nature Biotechnology</i> , 2004, 22, 1546-1553.	17.5	238
519	Negative feedback inhibition of HIV-1 by TAT-inducible expression of siRNA. <i>Nature Biotechnology</i> , 2004, 22, 1573-1578.	17.5	87
520	Polycomb CBX7 has a unifying role in cellular lifespan. <i>Nature Cell Biology</i> , 2004, 6, 67-72.	10.3	311
521	Nitric oxide switches on glycolysis through the AMP protein kinase and 6-phosphofructo-2-kinase pathway. <i>Nature Cell Biology</i> , 2004, 6, 45-51.	10.3	416
522	The tumour suppressor RASSF1A regulates mitosis by inhibiting the APC/Cdc20 complex. <i>Nature Cell Biology</i> , 2004, 6, 129-137.	10.3	287
523	PKB/Akt modulates TGF- $\beta$ 2 signalling through a direct interaction with Smad3. <i>Nature Cell Biology</i> , 2004, 6, 358-365.	10.3	359
524	A new effector pathway links ATM kinase with the DNA damage response. <i>Nature Cell Biology</i> , 2004, 6, 968-976.	10.3	51
525	Mammalian TOR complex 2 controls the actin cytoskeleton and is rapamycin insensitive. <i>Nature Cell Biology</i> , 2004, 6, 1122-1128.	10.3	1,873
526	Restriction enzyme-generated siRNA (REGS) vectors and libraries. <i>Nature Genetics</i> , 2004, 36, 183-189.	21.4	142
527	Enzymatic production of RNAi libraries from cDNAs. <i>Nature Genetics</i> , 2004, 36, 190-196.	21.4	163
528	The Bardet-Biedl protein BBS4 targets cargo to the pericentriolar region and is required for microtubule anchoring and cell cycle progression. <i>Nature Genetics</i> , 2004, 36, 462-470.	21.4	372
529	Mutations in SEC63 cause autosomal dominant polycystic liver disease. <i>Nature Genetics</i> , 2004, 36, 575-577.	21.4	263
530	CpG island hypermethylation is maintained in human colorectal cancer cells after RNAi-mediated depletion of DNMT1. <i>Nature Genetics</i> , 2004, 36, 582-584.	21.4	80
531	Expression profiling identifies the cytoskeletal organizer ezrin and the developmental homeoprotein Six-1 as key metastatic regulators. <i>Nature Medicine</i> , 2004, 10, 175-181.	30.7	480



#	ARTICLE	IF	CITATIONS
532	Production of complex nucleic acid libraries using highly parallel in situ oligonucleotide synthesis. <i>Nature Methods</i> , 2004, 1, 241-248.	19.0	96
533	Functional genomics to new drug targets. <i>Nature Reviews Drug Discovery</i> , 2004, 3, 965-972.	46.4	148
534	Improving the efficiency of RNA interference in mammals. <i>Nature Reviews Genetics</i> , 2004, 5, 355-365.	16.3	276
535	Jurkat T cells and development of the T-cell receptor signalling paradigm. <i>Nature Reviews Immunology</i> , 2004, 4, 301-308.	22.7	465
536	p53 can inhibit cell proliferation through caspase-mediated cleavage of ERK2/MAPK. <i>Cell Death and Differentiation</i> , 2004, 11, 596-607.	11.2	40
537	p53-Independent ceramide formation in human glioma cells during $\gamma$ -radiation-induced apoptosis. <i>Cell Death and Differentiation</i> , 2004, 11, 853-861.	11.2	86
538	Molecular mechanisms of TNF- $\alpha$ -induced ceramide formation in human glioma cells: P53-mediated oxidant stress-dependent and -independent pathways. <i>Cell Death and Differentiation</i> , 2004, 11, 997-1008.	11.2	61
539	p53 and its family members "reporter genes may not see the difference. <i>Cell Death and Differentiation</i> , 2004, 11, 1150-1152.	11.2	12
540	Reversal of P-glycoprotein-mediated multidrug resistance with small interference RNA (siRNA) in leukemia cells. <i>Cancer Gene Therapy</i> , 2004, 11, 707-712.	4.6	30
541	Stable and complete overcoming of MDR1/P-glycoprotein-mediated multidrug resistance in human gastric carcinoma cells by RNA interference. <i>Cancer Gene Therapy</i> , 2004, 11, 699-706.	4.6	70
542	Endogenous TGF- $\beta$ signaling suppresses maturation of osteoblastic mesenchymal cells. <i>EMBO Journal</i> , 2004, 23, 552-563.	7.8	311
543	Differential functional interplay of TOGp/XMAP215 and the KinI kinesin MCAK during interphase and mitosis. <i>EMBO Journal</i> , 2004, 23, 627-637.	7.8	80
544	Sra-1 and Nap1 link Rac to actin assembly driving lamellipodia formation. <i>EMBO Journal</i> , 2004, 23, 749-759.	7.8	359
545	Mdc1 couples DNA double-strand break recognition by Nbs1 with its H2AX-dependent chromatin retention. <i>EMBO Journal</i> , 2004, 23, 2674-2683.	7.8	356
546	MicroRNA control of PHABULOSA in leaf development: importance of pairing to the microRNA 5' region. <i>EMBO Journal</i> , 2004, 23, 3356-3364.	7.8	630
547	The novel E3 ubiquitin ligase Tiul1 associates with TGIF to target Smad2 for degradation. <i>EMBO Journal</i> , 2004, 23, 3780-3792.	7.8	146
548	LAP2 $\alpha$ and BAF collaborate to organize the Moloney murine leukemia virus preintegration complex. <i>EMBO Journal</i> , 2004, 23, 4670-4678.	7.8	54
549	Inhibition of oncogenic transformation by mammalian Lin-9, a pRB-associated protein. <i>EMBO Journal</i> , 2004, 23, 4627-4638.	7.8	56

#	ARTICLE	IF	CITATIONS
550	Conditional gene knockdown by CRE-dependent short interfering RNAs. EMBO Reports, 2004, 5, 178-182.	4.5	68
551	Inhibition of synapse assembly in mammalian muscle in vivo by RNA interference. EMBO Reports, 2004, 5, 183-188.	4.5	128
552	Plexin-B3 is a functional receptor for semaphorin 5A. EMBO Reports, 2004, 5, 710-714.	4.5	132
553	DSS1 is required for RAD51 focus formation and genomic stability in mammalian cells. EMBO Reports, 2004, 5, 989-993.	4.5	106
554	Complete reversal of multidrug resistance by stable expression of small interfering RNAs targeting MDR1. Gene Therapy, 2004, 11, 1170-1174.	4.5	93
555	Gene Therapy Progress and Prospects. Downregulating gene expression: the impact of RNA interference. Gene Therapy, 2004, 11, 1241-1248.	4.5	119
556	Inhibition of JNK reduces G2/M transit independent of p53, leading to endoreduplication, decreased proliferation, and apoptosis in breast cancer cells. Oncogene, 2004, 23, 596-604.	5.9	145
557	RNA interference targeting the M2 subunit of ribonucleotide reductase enhances pancreatic adenocarcinoma chemosensitivity to gemcitabine. Oncogene, 2004, 23, 1539-1548.	5.9	227
558	The histone deacetylase inhibitor trichostatin A sensitizes estrogen receptor $\alpha$ -negative breast cancer cells to tamoxifen. Oncogene, 2004, 23, 1724-1736.	5.9	152
559	Variation in cadherins and catenins expression is linked to both proliferation and transformation of Rhabdomyosarcoma. Oncogene, 2004, 23, 2420-2430.	5.9	31
560	Downregulation of $\beta$ -catenin by p53 involves changes in the rate of $\beta$ -catenin phosphorylation and Axin dynamics. Oncogene, 2004, 23, 4444-4453.	5.9	89
561	HDAC inhibitors trigger apoptosis in HPV-positive cells by inducing the E2F-p73 pathway. Oncogene, 2004, 23, 4807-4817.	5.9	43
562	Genetic and epigenetic alterations of the APC gene in malignant melanoma. Oncogene, 2004, 23, 5215-5226.	5.9	105
563	Activated p53 suppresses the histone methyltransferase EZH2 gene. Oncogene, 2004, 23, 5759-5769.	5.9	176
564	Brcal inactivation induces p27Kip1-dependent cell cycle arrest and delayed development in the mouse mammary gland. Oncogene, 2004, 23, 6136-6145.	5.9	18
565	Inhibition of growth and invasive ability of melanoma by inactivation of mutated BRAF with lentivirus-mediated RNA interference. Oncogene, 2004, 23, 6031-6039.	5.9	177
566	Negative regulation of transforming growth factor- $\beta$ (TGF- $\beta$ ) signaling by WW domain-containing protein 1 (WWP1). Oncogene, 2004, 23, 6914-6923.	5.9	176
567	Prostate cancer is characterized by epigenetic silencing of 14-3-3 $\sigma$ expression. Oncogene, 2004, 23, 9034-9041.	5.9	83



#	ARTICLE	IF	CITATIONS
568	The FHA domain protein SNIP1 is a regulator of the cell cycle and cyclin D1 expression. <i>Oncogene</i> , 2004, 23, 8185-8195.	5.9	45
569	High-throughput gene silencing using cell arrays. <i>Oncogene</i> , 2004, 23, 8353-8358.	5.9	50
570	Use of RNA interference libraries to investigate oncogenic signalling in mammalian cells. <i>Oncogene</i> , 2004, 23, 8376-8383.	5.9	54
571	The N-terminus of a novel isoform of human iASPP is required for its cytoplasmic localization. <i>Oncogene</i> , 2004, 23, 9007-9016.	5.9	53
572	A large-scale RNAi screen in human cells identifies new components of the p53 pathway. <i>Nature</i> , 2004, 428, 431-437.	27.8	955
573	Degradation of the SCF component Skp2 in cell-cycle phase G1 by the anaphase-promoting complex. <i>Nature</i> , 2004, 428, 194-198.	27.8	434
574	Insight into tubulin regulation from a complex with colchicine and a stathmin-like domain. <i>Nature</i> , 2004, 428, 198-202.	27.8	1,441
575	Functional interactions between receptors in bacterial chemotaxis. <i>Nature</i> , 2004, 428, 437-441.	27.8	388
576	Cyclophilin A retrotransposition into TRIM5 explains owl monkey resistance to HIV-1. <i>Nature</i> , 2004, 430, 569-573.	27.8	624
577	Retinoblastoma promotes definitive erythropoiesis by repressing Id2 in fetal liver macrophages. <i>Nature</i> , 2004, 432, 1040-1045.	27.8	129
578	Fbxw7/Cdc4 is a p53-dependent, haploinsufficient tumour suppressor gene. <i>Nature</i> , 2004, 432, 775-779.	27.8	350
579	An endoribonuclease-prepared siRNA screen in human cells identifies genes essential for cell division. <i>Nature</i> , 2004, 432, 1036-1040.	27.8	369
580	Regulation of cellular response to oncogenic and oxidative stress by Seladin-1. <i>Nature</i> , 2004, 432, 640-645.	27.8	179
581	Genetic Manipulation in Nutrition, Metabolism, and Obesity Research. <i>Nutrition Reviews</i> , 2004, 62, 321-330.	5.8	16
582	RNA Interference: A Potent Tool for Gene-Specific Therapeutics. <i>American Journal of Transplantation</i> , 2004, 4, 1227-1236.	4.7	87
583	MicroRNA precursors in motion: exportin-5 mediates their nuclear export. <i>Trends in Cell Biology</i> , 2004, 14, 156-159.	7.9	228
584	Picking a winner: new mechanistic insights into the design of effective siRNAs. <i>Trends in Biotechnology</i> , 2004, 22, 451-454.	9.3	33
585	RNA molecules as anti-cancer agents. <i>Seminars in Cancer Biology</i> , 2004, 14, 223-230.	9.6	34

#	ARTICLE	IF	CITATIONS
586	Deciphering the mechanisms of homeostatic plasticity in the hypothalamo-neurohypophyseal systemâ€™ genomic and gene transfer strategies. Progress in Biophysics and Molecular Biology, 2004, 84, 151-182.	2.9	24
587	Inhibition of NF-Î²B mediated inflammation by siRNA expressed by recombinant adeno-associated virus. Journal of Virological Methods, 2004, 120, 119-122.	2.1	36
588	Molecular medicine for the brain: silencing of disease genes with RNA interference. Lancet Neurology, The, 2004, 3, 145-149.	10.2	123
589	Differential RNA interference: replacement of endogenous with recombinant low density lipoprotein receptor-related protein (LRP). European Journal of Cell Biology, 2004, 83, 113-120.	3.6	16
590	Inhibition of porcine endogenous retroviruses by RNA interference: increasing the safety of xenotransplantation. Virology, 2004, 325, 18-23.	2.4	71
591	Human Parvovirus B19 nonstructural protein transactivates the p21/WAF1 through Sp1. Virology, 2004, 329, 493-504.	2.4	34
592	Determinants of interferon-stimulated gene induction by RNAi vectors. Differentiation, 2004, 72, 103-111.	1.9	156
593	Tissue-specific RNA interference in post-implantation mouse embryos using directional electroporation and whole embryo culture. Differentiation, 2004, 72, 92-102.	1.9	28
594	The bHLH protein MyoR inhibits the differentiation of early embryonic endoderm. Differentiation, 2004, 72, 341-347.	1.9	11
595	siRNA directed against c-Src enhances pancreatic adenocarcinoma cell gemcitabine chemosensitivity1 1No competing interests declared.This work was funded by the National Pancreas Foundation and departmental funding, Brigham and Womenâ€™s Hospital.. Journal of the American College of Surgeons, 2004, 198, 953-959.	0.5	73
596	Post-transcriptional gene silencing in neurons. Current Opinion in Neurobiology, 2004, 14, 654-659.	4.2	14
597	Polo-like Kinase-2 Is Required for Centriole Duplication in Mammalian Cells. Current Biology, 2004, 14, 1200-1207.	3.9	133
598	aPKC Acts Upstream of PAR-1b in Both the Establishment and Maintenance of Mammalian Epithelial Polarity. Current Biology, 2004, 14, 1425-1435.	3.9	280
599	RNAi: ancient mechanism with a promising future. Experimental Gerontology, 2004, 39, 985-998.	2.8	44
600	An autocrine mechanism for constitutive Wnt pathway activation in human cancer cells. Cancer Cell, 2004, 6, 497-506.	16.8	296
601	Bnip3L is induced by p53 under hypoxia, and its knockdown promotes tumor growth. Cancer Cell, 2004, 6, 597-609.	16.8	197
602	Critical role of CDK2 for melanoma growth linked to its melanocyte-specific transcriptional regulation by MITF. Cancer Cell, 2004, 6, 565-576.	16.8	373
603	Structural Aspects of MicroRNA Biogenesis. IUBMB Life, 2004, 56, 95-100.	3.4	21

#	ARTICLE	IF	CITATIONS
604	RNA Interference Silencing the Transcriptional Message: Aspects and Applications. Applied Biochemistry and Biotechnology, 2004, 119, 01-12.	2.9	8
605	Induction of RNA Interference in Dendritic Cells. Immunologic Research, 2004, 30, 215-230.	2.9	20
606	Biomedical and Agricultural Applications of Animal Transgenesis. Molecular Biotechnology, 2004, 27, 231-244.	2.4	7
607	Specific gene silencing in the pre-implantation stage mouse embryo by an siRNA expression vector system. Molecular Reproduction and Development, 2004, 68, 17-24.	2.0	30
608	Effective suppression of fibronectin synthesis by retrovirus delivered shRNA in rat cardiac fibroblasts. Science in China Series C: Life Sciences, 2004, 47, 368.	1.3	2
609	Pharmaceutical Prospects for RNA Interference. Pharmaceutical Research, 2004, 21, 1-7.	3.5	74
610	Enhancing and Diminishing Gene Function in Human Embryonic Stem Cells. Stem Cells, 2004, 22, 2-11.	3.2	119
611	Nucleic acid-based modulation of cardiac gene expression for the treatment of cardiac diseases. Clinical Research in Cardiology, 2004, 93, 171-193.	1.1	4
612	Altering Cellular Signaling Pathways Enhance Gene Silencing Activity of shRNA, shRNA.Ribozyme, and shRNA.Antisense in Neuroblastoma Cells. Cellular and Molecular Neurobiology, 2004, 24, 781-792.	3.3	3
613	Lentiviral transgenesis. Transgenic Research, 2004, 13, 513-522.	2.4	94
614	Can RNA interference be used to expand the plasticity of autologous adult stem cells?. Journal of Molecular Medicine, 2004, 82, 784-786.	3.9	5
615	RNA interference (RNAi) in hematology. Annals of Hematology, 2004, 83, 1-8.	1.8	131
616	RNA interference: potential therapeutic targets. Applied Microbiology and Biotechnology, 2004, 65, 649-657.	3.6	43
617	A plasmid-based system for expressing small interfering RNA libraries in mammalian cells. , 2004, 5, 16.		48
618	Macrolide- and tetracycline-adjustable siRNA-mediated gene silencing in mammalian cells using polymerase II-dependent promoter derivatives. Biotechnology and Bioengineering, 2004, 88, 417-425.	3.3	27
619	Engineering Chinese hamster ovary cells to maximize effector function of produced antibodies using FUT8 siRNA. Biotechnology and Bioengineering, 2004, 88, 901-908.	3.3	160
620	Plasmid-based short-hairpin RNA interference in the chicken embryo. Genesis, 2004, 39, 73-78.	1.6	53
621	Directing pluripotent cell differentiation using ?diced RNA? in transient transfection. Genesis, 2004, 40, 157-163.	1.6	13

#	ARTICLE	IF	CITATIONS
622	Small interfering RNA (siRNA) inhibits the expression of the Her2/neu gene, upregulates HLA class I and induces apoptosis of Her2/neu positive tumor cell lines. International Journal of Cancer, 2004, 108, 71-77.	5.1	138
623	Downregulation of tissue factor by RNA interference in human melanoma LOX cells reduces pulmonary metastasis in nude mice. International Journal of Cancer, 2004, 112, 994-1002.	5.1	39
624	Sequence-specific gene silencing in murine muscle induced by electroporation-mediated transfer of short interfering RNA. Journal of Gene Medicine, 2004, 6, 105-110.	2.8	141
625	Optimization of an siRNA expression system with an improved hairpin and its significant suppressive effects in mammalian cells. Journal of Gene Medicine, 2004, 6, 715-723.	2.8	161
626	Chemically controlled formation of a DNA/calcium phosphate coprecipitate: Application for transfection of mature hippocampal neurons. Journal of Neurobiology, 2004, 60, 517-525.	3.6	57
627	Expression of small hairpin RNA by lentivirus-based vector confers efficient and stable gene-suppression of HIV-1 on human cells including primary non-dividing cells. Microbes and Infection, 2004, 6, 76-85.	1.9	73
628	Chemical Genetic Identification of the Histamine H1 Receptor as a Stimulator of Insulin-Induced Adipogenesis. Chemistry and Biology, 2004, 11, 907-913.	6.0	13
629	Visualizing a Correlation between siRNA Localization, Cellular Uptake, and RNAi in Living Cells. Chemistry and Biology, 2004, 11, 1165-1175.	6.0	350
630	An economic and efficient method of RNAi vector constructions. Analytical Biochemistry, 2004, 334, 199-200.	2.4	26
631	Reference genes identified in SH-SY5Y cells using custom-made gene arrays with validation by quantitative polymerase chain reaction. Analytical Biochemistry, 2004, 335, 30-41.	2.4	73
632	Rapid Inhibition of Cancer Cell Growth Induced by Lentiviral Delivery and Expression of Mutant-Template Telomerase RNA and Anti-telomerase Short-Interfering RNA. Cancer Research, 2004, 64, 4833-4840.	0.9	186
633	Lethality to human cancer cells through massive chromosome loss by inhibition of the mitotic checkpoint. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8699-8704.	7.1	389
634	GnRH as a Cell Proliferation Regulator: Mechanism of Action and Evolutionary Implications. Zoological Science, 2004, 21, 1005-1013.	0.7	29
635	Inhibition of BmNPV replication in Bombyx mori cell by dsRNA triggered RNA interference. Science Bulletin, 2004, 49, 1261.	1.7	3
636	Adenovirus VA1 Noncoding RNA Can Inhibit Small Interfering RNA and MicroRNA Biogenesis. Journal of Virology, 2004, 78, 12868-12876.	3.4	333
637	Short Hairpin Activated Gene Silencing in Mammalian Cells. , 2004, 265, 85-100.		85
638	Testis Brain Ribonucleic Acid-Binding Protein/Translin Possesses both Single-Stranded and Double-Stranded Ribonuclease Activities. Biochemistry, 2004, 43, 13424-13431.	2.5	25
639	Selective depletion of the Type I, Type II, and Type III isozymes of hexokinase in mammalian cells using small interfering RNAs*1. Biochemical and Biophysical Research Communications, 2004, 319, 768-768.	2.1	0

#	ARTICLE	IF	CITATIONS
641	RNA interference as a tool for target validation. Drug Discovery Today: Technologies, 2004, 1, 135-140.	4.0	9
642	A new vector, based on the PolIII promoter for the U1 snRNA gene, for the expression of siRNAs in mammalian cells. Molecular Therapy, 2004, 10, 191-199.	8.2	76
644	RNA interference as a potential tool in the treatment of leukaemia. Expert Opinion on Biological Therapy, 2004, 4, 1921-1929.	3.1	13
645	Gain- and loss-of-function in chick embryos by electroporation. Mechanisms of Development, 2004, 121, 1137-1143.	1.7	106
646	Novel Insights into Hepatitis C Virus Replication and Persistence. Advances in Virus Research, 2004, 63, 71-180.	2.1	243
647	Establishment of Stable hFis1 Knockdown Cells with an siRNA Expression Vector. Journal of Biochemistry, 2004, 136, 421-425.	1.7	7
648	Gene Transfer and Expression in Mammalian Cell Lines and Transgenic Animals. , 2004, 267, 417-434.		8
649	Interfering with Cancer: A Brief Outline of Advances in RNA Interference in Oncology. Tumor Biology, 2004, 25, 329-336.	1.8	23
650	Antiangiogenic gene therapy of cancer: recent developments. Journal of Translational Medicine, 2004, 2, 22.	4.4	91
651	RNA interference: learning gene knock-down from cell physiology. Journal of Translational Medicine, 2004, 2, 39.	4.4	65
652	Telomerase and Cancer. American Journal of Cancer, 2004, 3, 1-11.	0.4	3
654	Therapeutic potential of retroviral RNAi vectors. Expert Opinion on Biological Therapy, 2004, 4, 319-327.	3.1	60
655	p53-dependent Down-regulation of Telomerase Is Mediated by p21. Journal of Biological Chemistry, 2004, 279, 50976-50985.	3.4	123
656	Lateral Membrane Biogenesis in Human Bronchial Epithelial Cells Requires 190-kDa Ankyrin-G. Journal of Biological Chemistry, 2004, 279, 16706-16714.	3.4	85
657	Helicobacter pylori CagA Induces Ras-independent Morphogenetic Response through SHP-2 Recruitment and Activation. Journal of Biological Chemistry, 2004, 279, 17205-17216.	3.4	250
658	EpCAM Is Overexpressed in Breast Cancer and Is a Potential Target for Breast Cancer Gene Therapy. Cancer Research, 2004, 64, 5818-5824.	0.9	480
659	RNAi: ancient mechanism with a promising future. Experimental Gerontology, 2004, , .	2.8	0
663	Towards in vivo application of RNA interference - new toys, old problems. Arthritis Research, 2004, 6, 78.	2.0	20

#	ARTICLE	IF	CITATIONS
665	Lamellipodial Versus Filopodial Mode of the Actin Nanomachinery. <i>Cell</i> , 2004, 118, 363-373.	28.9	376
666	Mammalian Ryk Is a Wnt Coreceptor Required for Stimulation of Neurite Outgrowth. <i>Cell</i> , 2004, 119, 97-108.	28.9	417
667	Activating the PARP-1 Sensor Component of the Groucho/ TLE1 Corepressor Complex Mediates a CaMKinase II $\beta$ -Dependent Neurogenic Gene Activation Pathway. <i>Cell</i> , 2004, 119, 815-829.	28.9	252
668	Regulation of Dendritic Maintenance and Growth by a Mammalian 7-Pass Transmembrane Cadherin. <i>Developmental Cell</i> , 2004, 7, 205-216.	7.0	120
669	R-Spondin2 Is a Secreted Activator of Wnt/ $\beta$ 2-Catenin Signaling and Is Required for Xenopus Myogenesis. <i>Developmental Cell</i> , 2004, 7, 525-534.	7.0	389
670	ACAP1 Promotes Endocytic Recycling by Recognizing Recycling Sorting Signals. <i>Developmental Cell</i> , 2004, 7, 771-776.	7.0	97
671	Reduction of adenovirus E1A mRNA by RNAi results in enhanced recombinant protein expression in transiently transfected HEK293 cells. <i>Gene</i> , 2004, 341, 227-234.	2.2	22
672	Control of specific gene expression in mammalian cells by co-expression of long complementary RNAs. <i>FEBS Letters</i> , 2004, 573, 127-134.	2.8	17
673	WD repeat-containing mitotic checkpoint proteins act as transcriptional repressors during interphase. <i>FEBS Letters</i> , 2004, 575, 23-29.	2.8	39
674	Translin associated protein X is essential for cellular proliferation. <i>FEBS Letters</i> , 2004, 576, 221-225.	2.8	17
675	Development of a tightly regulated U6 promoter for shRNA expression. <i>FEBS Letters</i> , 2004, 577, 376-380.	2.8	48
676	siRNA-based inhibition specific for mutant SOD1 with single nucleotide alternation in familial ALS, compared with ribozyme and DNA enzyme. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 283-291.	2.1	52
677	Protein kinase PKN1 associates with TRAF2 and is involved in TRAF2-NF- $\kappa$ B signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 688-694.	2.1	18
678	Suppression of Epstein-Barr virus-encoded latent membrane protein-1 by RNA interference inhibits the metastatic potential of nasopharyngeal carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 212-218.	2.1	52
679	Transposon-based RNAi delivery system for generating knockdown cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 643-650.	2.1	32
680	Many commonly used siRNAs risk off-target activity. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 256-263.	2.1	138
681	Improved and automated prediction of effective siRNA. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 264-274.	2.1	129
682	Selective depletion of the Type I, Type II, and Type III isozymes of hexokinase in mammalian cells using small interfering RNAs. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 768-773.	2.1	8

#	ARTICLE	IF	CITATIONS
683	A comparison of siRNA efficacy predictors. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 247-253.	2.1	114
684	Double-stranded siRNA targeted to the huntingtin gene does not induce DNA methylation. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 275-280.	2.1	55
685	Poly(U) and polyadenylation termination signals are interchangeable for terminating the expression of shRNA from a pol II promoter. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 573-578.	2.1	22
686	Short hairpin RNA and retroviral vector-mediated silencing of p53 in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 1173-1178.	2.1	17
687	Selective inhibition of enterovirus 71 replication by short hairpin RNAs. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 494-499.	2.1	42
688	Characterization of MVP and VPARP assembly into vault ribonucleoprotein complexes. <i>Biochemical and Biophysical Research Communications</i> , 2004, 326, 100-107.	2.1	24
689	Derivation and function of small interfering RNAs and microRNAs. <i>Virus Research</i> , 2004, 102, 3-9.	2.2	79
690	Interfering with hepatitis C virus RNA replication. <i>Virus Research</i> , 2004, 102, 19-25.	2.2	60
691	RNA silencing of rotavirus gene expression. <i>Virus Research</i> , 2004, 102, 43-51.	2.2	38
692	Control of HIV-1 replication by RNA interference. <i>Virus Research</i> , 2004, 102, 53-58.	2.2	71
693	Generation of an shRNAi expression library against the whole human transcripts. <i>Virus Research</i> , 2004, 102, 117-124.	2.2	50
694	Homeodomain-interacting protein kinase-2 activity and p53 phosphorylation are critical events for cisplatin-mediated apoptosis. <i>Experimental Cell Research</i> , 2004, 293, 311-320.	2.6	99
695	BARD1 regulates BRCA1 apoptotic function by a mechanism involving nuclear retention. <i>Experimental Cell Research</i> , 2004, 298, 661-673.	2.6	63
696	Regulation of monocyte chemoattractant protein-1 by the oxidized lipid, 13-hydroperoxyoctadecadienoic acid, in vascular smooth muscle cells via nuclear factor- $\kappa$ B (NF- $\kappa$ B). <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 36, 585-595.	1.9	63
697	Human growth hormone co-transfection assay to study molecular mechanisms of neurosecretion in PC12 cells. <i>Methods</i> , 2004, 33, 267-272.	3.8	13
698	Therapeutic siRNAs. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 22-28.	8.7	140
699	Quaternary Structure, Protein Dynamics, and Synaptic Function of SAP97 Controlled by L27 Domain Interactions. <i>Neuron</i> , 2004, 44, 453-467.	8.1	225
700	Expression of axon guidance molecules and their related genes during development and sexual differentiation of the olfactory bulb in rats. <i>Neuroscience</i> , 2004, 123, 951-965.	2.3	18



#	ARTICLE	IF	CITATIONS
701	Lobotomy of genes: use of RNA interference in Neuroscience. Neuroscience, 2004, 126, 1-7.	2.3	17
702	ARN interf�rence. Immuno-Analyse Et Biologie Specialisee, 2004, 19, 23-30.	0.0	0
703	Receptor-Specific Signaling for Both the Alternative and the Canonical NF-�B Activation Pathways by NF-�B-Inducing Kinase. Immunity, 2004, 21, 477-489.	14.3	221
704	RNA interference in neuroscience. Molecular Brain Research, 2004, 132, 260-270.	2.3	16
705	Polo-like Kinase-1 Controls Recovery from a G2 DNA Damage-Induced Arrest in Mammalian Cells. Molecular Cell, 2004, 15, 799-811.	9.7	336
706	siRNA technology. Molecular and Cellular Endocrinology, 2004, 213, 115-119.	3.2	44
707	RNA interference: a practical approach. Journal of Surgical Research, 2004, 117, 339-344.	1.6	46
708	Nucleocytoplasmic Shuttling of JAZ, a New Cargo Protein for Exportin-5. Molecular and Cellular Biology, 2004, 24, 6608-6619.	2.3	51
709	CRE recombinase-inducible RNA interference mediated by lentiviral vectors. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 7347-7351.	7.1	138
710	A Major Role for TPPII in Trimming Proteasomal Degradation Products for MHC Class I Antigen Presentation. Immunity, 2004, 20, 495-506.	14.3	227
711	Clathrin Adaptor epsinR Is Required for Retrograde Sorting on Early Endosomal Membranes. Developmental Cell, 2004, 6, 525-538.	7.0	213
712	Ribozymes in gene identification, target validation and drug discovery. Drug Discovery Today: TARGETS, 2004, 3, 10-17.	0.5	5
713	SNAP-25 Modulation of Calcium Dynamics Underlies Differences in GABAergic and Glutamatergic Responsiveness to Depolarization. Neuron, 2004, 41, 599-610.	8.1	192
714	Transcriptional Modification by a CASK-Interacting Nucleosome Assembly Protein. Neuron, 2004, 42, 113-128.	8.1	142
715	Ras Induces Mediator Complex Exchange on C/EBP�. Molecular Cell, 2004, 13, 241-250.	9.7	149
716	A Mitochondrial Protein, Bit1, Mediates Apoptosis Regulated by Integrins and Groucho/TLE Corepressors. Cell, 2004, 116, 751-762.	28.9	152
717	Telomere Maintenance Requires the RAD51D Recombination/Repair Protein. Cell, 2004, 117, 337-347.	28.9	204
718	Foxo Transcription Factors Induce the Atrophy-Related Ubiquitin Ligase Atrogin-1 and Cause Skeletal Muscle Atrophy. Cell, 2004, 117, 399-412.	28.9	2,490



#	ARTICLE	IF	CITATIONS
719	Functional silencing of hepatic microsomal glucose-6-phosphatase gene expression in vivo by adenovirus-mediated delivery of short hairpin RNA. FEBS Letters, 2004, 558, 69-73.	2.8	15
720	RNA interfering approach for clarifying the PPAR $\alpha$ pathway using lentiviral vector expressing short hairpin RNA. FEBS Letters, 2004, 560, 178-182.	2.8	44
721	Loss of Estrogen Receptor Signaling Triggers Epigenetic Silencing of Downstream Targets in Breast Cancer. Cancer Research, 2004, 64, 8184-8192.	0.9	178
722	RNA silencing in plants by the expression of siRNA duplexes. Nucleic Acids Research, 2004, 32, e171-e171.	14.5	35
723	Effects on RNAi of the tight structure, sequence and position of the targeted region. Nucleic Acids Research, 2004, 32, 691-699.	14.5	125
724	RNAi Expression Vectors in Mammalian Cells. , 2004, 252, 483-492.		27
725	Crosstalk of the mitotic spindle assembly checkpoint with p53 to prevent polyploidy. Oncogene, 2004, 23, 6845-6853.	5.9	141
726	A silencing pathway to induce H3-K9 and H4-K20 trimethylation at constitutive heterochromatin. Genes and Development, 2004, 18, 1251-1262.	5.9	946
727	Functional Analysis of the Contribution of RhoA and RhoC GTPases to Invasive Breast Carcinoma. Cancer Research, 2004, 64, 8694-8701.	0.9	130
728	Modulation of Gene Expression by RNAi. , 2005, 108, 381-394.		9
729	Silencing of Monocarboxylate Transporters via Small Interfering Ribonucleic Acid Inhibits Glycolysis and Induces Cell Death in Malignant Glioma: An in Vitro Study. Neurosurgery, 2004, 55, 1410-1419.	1.1	131
730	Functional Identification of Cancer-relevant Genes through Large-Scale RNA Interference Screens in Mammalian Cells. Cold Spring Harbor Symposia on Quantitative Biology, 2004, 69, 439-446.	1.1	16
731	Optimizing RNA interference for application in mammalian cells. Biochemical Journal, 2004, 380, 593-603.	3.7	41
732	How are genes measured? Examples from studies on iron metabolism in pregnancy. Proceedings of the Nutrition Society, 2004, 63, 481-490.	1.0	1
733	Molecular regulation of copper excretion in the liver. Proceedings of the Nutrition Society, 2004, 63, 31-39.	1.0	78
734	GILZ, a new target for the transcription factor FoxO3, protects T lymphocytes from interleukin-2 withdrawal-induced apoptosis. Blood, 2004, 104, 215-223.	1.4	139
735	Analysis of the biologic functions of H- and L-ferritins in HeLa cells by transfection with siRNAs and cDNAs: evidence for a proliferative role of L-ferritin. Blood, 2004, 103, 2377-2383.	1.4	112
736	Gene silencing by lentivirus-mediated delivery of siRNA in human CD34+ cells. Blood, 2004, 103, 4511-4513.	1.4	37

#	ARTICLE	IF	CITATIONS
737	Homer-3 regulates activation of serum response element in T cells via its EVH1 domain. Blood, 2004, 103, 2248-2256.	1.4	30
738	Telomere dynamics in Fancg-deficient mouse and human cells. Blood, 2004, 104, 3927-3935.	1.4	29
739	Monitoring the effect of gene silencing by RNA interference in human CD34+ cells injected into newborn RAG2-/- Î³c-/- mice: functional inactivation of p53 in developing T cells. Blood, 2004, 104, 3886-3893.	1.4	183
740	Combined disruption of both the MEK/ERK and the IL-6R/STAT3 pathways is required to induce apoptosis of multiple myeloma cells in the presence of bone marrow stromal cells. Blood, 2004, 104, 3712-3721.	1.4	114
741	Inhibition of mitochondrial respiration by nitric oxide rapidly stimulates cytoprotective GLUT3-mediated glucose uptake through 5â€²-AMP-activated protein kinase. Biochemical Journal, 2004, 384, 629-636.	3.7	73
742	RNA interference and double-stranded-RNA-activated pathways. Biochemical Society Transactions, 2004, 32, 952-956.	3.4	102
743	Polo-Like Kinase-1: Activity Measurement and RNAi-Mediated Knockdown. , 2005, 296, 355-370.		6
744	Selective Silencing of Viral Gene E6 and E7 Expression in HPV-Positive Human Cervical Carcinoma Cells Using Small Interfering RNAs. , 2005, 292, 401-420.		21
745	RNA Interference in Mammals: Journey to the Center of Human Disease. , 2004, , 55-72.		0
746	Application of Magnetic Beads to Purify Cells Transiently Transfected With Plasmids Encoding Short Hairpin RNAs. , 2005, 296, 189-196.		1
747	Effect of the Knockdown of Podocin mRNA on Nephrin and Î±-Actinin in Mouse Podocyte. Experimental Biology and Medicine, 2004, 229, 964-970.	2.4	25
748	Design and synthesis of small interfering RNA (siRNA). , 2005, , 103-117.		0
749	Heat-shock cognate 70 is required for the activation of heat-shock factor 1 in mammalian cells. Biochemical Journal, 2005, 392, 145-152.	3.7	62
750	Lymphoproliferative disorders: prospects for gene therapy. Pathology, 2005, 37, 523-533.	0.6	4
751	Insulin and Growth Factor Signaling. , 2005, , 45-83.		1
752	Methods and Approaches to Study Metabolism and Toxicity of Acetaminophen. , 2005, , 197-232.		1
753	Arginine methylation regulates IL-2 gene expression: a role for protein arginine methyltransferase 5 (PRMT5). Biochemical Journal, 2005, 388, 379-386.	3.7	90
754	RNA interference â€œ a new experimental and therapeutic tool. Current Opinion in Nephrology and Hypertension, 2005, 14, 558-560.	2.0	7

#	ARTICLE	IF	CITATIONS
755	Dissecting Cancer Pathways and Vulnerabilities with RNAi. Cold Spring Harbor Symposia on Quantitative Biology, 2005, 70, 435-444.	1.1	35
756	Screens Using RNAi and cDNA Expression as Surrogates for Genetics in Mammalian Tissue Culture Cells. Cold Spring Harbor Symposia on Quantitative Biology, 2005, 70, 449-459.	1.1	22
757	Gene Silencing as a Tool for the Identification of Gene Function in Fungi. Applied Mycology and Biotechnology, 2005, , 93-116.	0.3	0
758	Dicer in RNAi: Its roles in vivo and utility in vitro. , 2005, , 29-54.		1
759	siRNA approaches in cell biology. , 2005, , .		0
762	Usage of Putative Chicken U6 Promoters for Vector-Based RNA Interference. Journal of Reproduction and Development, 2005, 51, 411-417.	1.4	26
763	SPI-1 and SPI-6 cooperate in the protection from effector cell-mediated cytotoxicity. Blood, 2005, 105, 1153-1161.	1.4	50
764	Deficiency of ribosomal protein S19 in CD34+ cells generated by siRNA blocks erythroid development and mimics defects seen in Diamond-Blackfan anemia. Blood, 2005, 105, 4627-4634.	1.4	112
765	An RNA interference model of RPS19 deficiency in Diamond-Blackfan anemia recapitulates defective hematopoiesis and rescue by dexamethasone: identification of dexamethasone-responsive genes by microarray. Blood, 2005, 105, 4620-4626.	1.4	83
766	Human cytotoxic T lymphocytes with reduced sensitivity to Fas-induced apoptosis. Blood, 2005, 105, 4677-4684.	1.4	122
767	RNA interference in biology and disease. Blood, 2005, 106, 787-794.	1.4	135
768	Lentiviral shRNA silencing of murine bone marrow cell CCR2 leads to persistent knockdown of CCR2 function in vivo. Blood, 2005, 106, 1147-1153.	1.4	39
769	RGS16 is a negative regulator of SDF-1/CXCR4 signaling in megakaryocytes. Blood, 2005, 106, 2962-2968.	1.4	92
770	Inhibiting primary effusion lymphoma by lentiviral vectors encoding short hairpin RNA. Blood, 2005, 105, 2510-2518.	1.4	165
771	Functional dichotomy of A20 in apoptotic and necrotic cell death. Biochemical Journal, 2005, 387, 47-55.	3.7	59
772	Protein tyrosine phosphatase hPTPN20a is targeted to sites of actin polymerization. Biochemical Journal, 2005, 389, 343-354.	3.7	17
773	Cancer cells activate p53 in response to 10-formyltetrahydrofolate dehydrogenase expression. Biochemical Journal, 2005, 391, 503-511.	3.7	41
774	Gene Silencing Methods for Mammalian Cells: Application of Synthetic Short Interfering RNAs. , 0, , 896-909.		0

#	ARTICLE	IF	CITATIONS
775	Tetrabromobenzotriazole (TBBt) and tetrabromobenzimidazole (TBBz) as selective inhibitors of protein kinase CK2: Evaluation of their effects on cells and different molecular forms of human CK2. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1754, 271-280.	2.3	77
776	Negative regulation of p53 by nucleophosmin antagonizes stress-induced apoptosis in human normal and malignant hematopoietic cells. <i>Leukemia Research</i> , 2005, 29, 1415-1423.	0.8	48
777	RNAi mediated MMP-1 silencing inhibits human chondrosarcoma invasion. <i>Journal of Orthopaedic Research</i> , 2005, 23, 1467-1474.	2.3	80
778	A multifunctional envelope-type nano device for novel gene delivery of siRNA plasmids. <i>International Journal of Pharmaceutics</i> , 2005, 301, 277-285.	5.2	72
779	Influence of down-regulation of caspase-3 by siRNAs on sodium-butyrate-induced apoptotic cell death of Chinese hamster ovary cells producing thrombopoietin. <i>Metabolic Engineering</i> , 2005, 7, 457-466.	7.0	46
780	Analysis of oligonucleotide annealing by electrophoresis in agarose gels using sodium borate conductive medium. <i>Analytical Biochemistry</i> , 2005, 343, 186-187.	2.4	11
781	Downregulation of Wnt Signaling by Increased Expression of Dickkopf-1 and -2 is a Prerequisite for Late-Stage Osteoblast Differentiation of KS483 Cells. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1867-1877.	2.8	142
782	RNA Interference Technologies for Understanding and Treating Neurodegenerative Diseases. <i>NeuroMolecular Medicine</i> , 2005, 6, 001-012.	3.4	2
783	Manganese Superoxide Dismutase Induces p53-Dependent Senescence in Colorectal Cancer Cells. <i>Molecular and Cellular Biology</i> , 2005, 25, 7758-7769.	2.3	100
784	Isoform-selective Effects of the Depletion of ADP-Ribosylation Factors 1 and 5 on Membrane Traffic. <i>Molecular Biology of the Cell</i> , 2005, 16, 4495-4508.	2.1	227
785	Mitochondrial impairment induced by poly(ADP-ribose) polymerase-1 activation in cortical neurons after oxygen and glucose deprivation. <i>Journal of Neurochemistry</i> , 2005, 95, 179-190.	3.9	40
786	Exploiting the RNA interference pathway to counter hepatitis B virus replication. <i>Liver International</i> , 2005, 25, 9-15.	3.9	25
787	Functional genomics and transcriptomics of prostate cancer: promises and limitations. <i>BJU International</i> , 2005, 96, 10-15.	2.5	7
788	Blockage of the macrophage migration inhibitory factor expression by short interference RNA inhibited the rejection of an allogeneic tracheal graft. <i>Transplant International</i> , 2005, 18, 1203-1209.	1.6	12
789	Genome-wide screening for gene function using RNAi in mammalian cells. <i>Immunology and Cell Biology</i> , 2005, 83, 217-223.	2.3	181
790	Inhibition of hepatitis B virus replication in 2.2.15 cells by expressed shRNA. <i>Journal of Viral Hepatitis</i> , 2005, 12, 236-242.	2.0	31
791	Human Rad9 is required for the activation of S-phase checkpoint and the maintenance of chromosomal stability. <i>Genes To Cells</i> , 2005, 10, 287-295.	1.2	34
792	SEI family of nuclear factors regulates p53-dependent transcriptional activation. <i>Genes To Cells</i> , 2005, 10, 851-860.	1.2	47

#	ARTICLE	IF	CITATIONS
793	Inhibiting the growth of malignant melanoma by blocking the expression of vascular endothelial growth factor using an RNA interference approach. <i>British Journal of Dermatology</i> , 2005, 153, 715-724.	1.5	32
794	Integrin $\beta$ 1 is required for the invasive behaviour but not proliferation of squamous cell carcinoma cells in vivo. <i>British Journal of Cancer</i> , 2005, 92, 102-112.	6.4	62
795	Synthetic shRNAs as potent RNAi triggers. <i>Nature Biotechnology</i> , 2005, 23, 227-231.	17.5	416
796	FoxM1 is required for execution of the mitotic programme and chromosome stability. <i>Nature Cell Biology</i> , 2005, 7, 126-136.	10.3	697
797	Par-3 controls tight junction assembly through the Rac exchange factor Tiam1. <i>Nature Cell Biology</i> , 2005, 7, 262-269.	10.3	408
798	S-nitrosylated GAPDH initiates apoptotic cell death by nuclear translocation following Siah1 binding. <i>Nature Cell Biology</i> , 2005, 7, 665-674.	10.3	951
799	RNAi the natural way. <i>Nature Genetics</i> , 2005, 37, 1163-1165.	21.4	82
800	Second-generation shRNA libraries covering the mouse and human genomes. <i>Nature Genetics</i> , 2005, 37, 1281-1288.	21.4	582
801	Probing tumor phenotypes using stable and regulated synthetic microRNA precursors. <i>Nature Genetics</i> , 2005, 37, 1289-1295.	21.4	500
802	Signaling by the kinase MINK is essential in the negative selection of autoreactive thymocytes. <i>Nature Immunology</i> , 2005, 6, 65-72.	14.5	55
803	STAT5 regulates the self-renewal capacity and differentiation of human memory B cells and controls Bcl-6 expression. <i>Nature Immunology</i> , 2005, 6, 303-313.	14.5	145
804	Tumor-selective action of HDAC inhibitors involves TRAIL induction in acute myeloid leukemia cells. <i>Nature Medicine</i> , 2005, 11, 77-84.	30.7	567
805	Silencing mutant SOD1 using RNAi protects against neurodegeneration and extends survival in an ALS model. <i>Nature Medicine</i> , 2005, 11, 429-433.	30.7	465
806	Lentiviral-mediated silencing of SOD1 through RNA interference retards disease onset and progression in a mouse model of ALS. <i>Nature Medicine</i> , 2005, 11, 423-428.	30.7	425
807	Kinomics: methods for deciphering the kinome. <i>Nature Methods</i> , 2005, 2, 17-25.	19.0	385
808	High-throughput screening of effective siRNAs from RNAi libraries delivered via bacterial invasion. <i>Nature Methods</i> , 2005, 2, 967-973.	19.0	34
809	Targeting BACE1 with siRNAs ameliorates Alzheimer disease neuropathology in a transgenic model. <i>Nature Neuroscience</i> , 2005, 8, 1343-1349.	14.8	385
810	The Concept of Synthetic Lethality in the Context of Anticancer Therapy. <i>Nature Reviews Cancer</i> , 2005, 5, 689-698.	28.4	1,278

#	ARTICLE	IF	CITATIONS
811	Polycystic kidney disease prevented by transgenic RNA interference. <i>Cell Death and Differentiation</i> , 2005, 12, 831-833.	11.2	29
812	CXCR4 knockdown by small interfering RNA abrogates breast tumor growth in vivo. <i>Cancer Gene Therapy</i> , 2005, 12, 84-89.	4.6	160
813	Short interfering RNAs as a tool for cancer gene therapy. <i>Cancer Gene Therapy</i> , 2005, 12, 217-227.	4.6	175
814	RNAi technology and lentiviral delivery as a powerful tool to suppress Tpr-Met-mediated tumorigenesis. <i>Cancer Gene Therapy</i> , 2005, 12, 456-463.	4.6	34
815	RNA interference and potential therapeutic applications of short interfering RNAs. <i>Cancer Gene Therapy</i> , 2005, 12, 787-795.	4.6	113
816	Vector-based RNA interference against vascular endothelial growth factor-A significantly limits vascularization and growth of prostate cancer in vivo. <i>Cancer Gene Therapy</i> , 2005, 12, 926-934.	4.6	33
817	FGF-20 and DKK1 are transcriptional targets of $\beta$ -catenin and FGF-20 is implicated in cancer and development. <i>EMBO Journal</i> , 2005, 24, 73-84.	7.8	290
818	Recognition and cleavage of primary microRNA precursors by the nuclear processing enzyme Drosha. <i>EMBO Journal</i> , 2005, 24, 138-148.	7.8	505
819	NF- $\kappa$ B/Egr-1/Gadd45 are sequentially activated upon UVB irradiation to mediate epidermal cell death. <i>EMBO Journal</i> , 2005, 24, 128-137.	7.8	141
820	ADAM10 cleavage of N-cadherin and regulation of cell-cell adhesion and $\beta$ -catenin nuclear signalling. <i>EMBO Journal</i> , 2005, 24, 742-752.	7.8	438
821	Interplay between the retinoblastoma protein and LEK1 specifies stem cells toward the cardiac lineage. <i>EMBO Journal</i> , 2005, 24, 1750-1761.	7.8	39
822	Unstable microtubule capture at kinetochores depleted of the centromere-associated protein CENP-F. <i>EMBO Journal</i> , 2005, 24, 3927-3939.	7.8	104
823	Stable RNA interference (RNAi) as an option for anti-bcr-abl therapy. <i>Gene Therapy</i> , 2005, 12, 12-21.	4.5	64
824	Smad4 silencing in pancreatic cancer cell lines using stable RNA interference and gene expression profiles induced by transforming growth factor- $\beta$ . <i>Oncogene</i> , 2005, 24, 662-671.	5.9	72
825	Rac-WAVE2 signaling is involved in the invasive and metastatic phenotypes of murine melanoma cells. <i>Oncogene</i> , 2005, 24, 1309-1319.	5.9	138
826	Role of FLASH in caspase-8-mediated activation of NF- $\kappa$ B: dominant-negative function of FLASH mutant in NF- $\kappa$ B signaling pathway. <i>Oncogene</i> , 2005, 24, 688-696.	5.9	27
827	RNA interference against a glioma-derived allele of EGFR induces blockade at G2M. <i>Oncogene</i> , 2005, 24, 829-837.	5.9	41
828	Caveolin-1 inhibits cell detachment-induced p53 activation and anoikis by upregulation of insulin-like growth factor-I receptors and signaling. <i>Oncogene</i> , 2005, 24, 1338-1347.	5.9	88

#	ARTICLE	IF	CITATIONS
829	Survivin splice variants regulate the balance between proliferation and cell death. <i>Oncogene</i> , 2005, 24, 1994-2007.	5.9	176
830	Modulation of CDK2-AP1 (p12DOCâ'1) expression in human colorectal cancer. <i>Oncogene</i> , 2005, 24, 3657-3668.	5.9	11
831	Tumor suppressor p53 represses transcription of RECQ4 helicase. <i>Oncogene</i> , 2005, 24, 1738-1748.	5.9	75
832	Transcriptional cross-regulation of RUNX1 by RUNX3 in human B cells. <i>Oncogene</i> , 2005, 24, 1873-1881.	5.9	87
833	Direct transcriptional regulation of Bim by FoxO3a mediates STI571-induced apoptosis in Bcr-Abl-expressing cells. <i>Oncogene</i> , 2005, 24, 2317-2329.	5.9	266
834	Conditional inhibition of cancer cell proliferation by tetracycline-responsive, H1 promoter-driven silencing of PLK1. <i>Oncogene</i> , 2005, 24, 2973-2980.	5.9	51
835	Knockdown of p53 levels in human keratinocytes accelerates Mcl-1 and Bcl-xL reduction thereby enhancing UV-light induced apoptosis. <i>Oncogene</i> , 2005, 24, 5299-5312.	5.9	357
836	The tumor suppressor WARTS activates the Omi / HtrA2-dependent pathway of cell death. <i>Oncogene</i> , 2005, 24, 5287-5298.	5.9	43
837	The breast cell growth inhibitor, estrogen down regulated gene 1, modulates a novel functional interaction between estrogen receptor alpha and transcriptional elongation factor cyclin T1. <i>Oncogene</i> , 2005, 24, 5576-5588.	5.9	74
838	Growth factors rescue cutaneous melanoma cells from apoptosis induced by knockdown of mutated (V600E) B-RAF. <i>Oncogene</i> , 2005, 24, 6292-6302.	5.9	47
839	Retinoblastoma protein acts as Pax 8 transcriptional coactivator. <i>Oncogene</i> , 2005, 24, 6993-7001.	5.9	29
840	Detection of foreign RNA: Implications for RNAi. <i>Immunology and Cell Biology</i> , 2005, 83, 224-228.	2.3	41
841	Activation of KATPchannels by H2S in rat insulin-secreting cells and the underlying mechanisms. <i>Journal of Physiology</i> , 2005, 569, 519-531.	2.9	426
842	Dissecting role of regulatory factors in NF-kappaB pathway with siRNA1. <i>Acta Pharmacologica Sinica</i> , 2005, 26, 780-788.	6.1	11
843	One-oligonucleotide method for constructing vectors for RNA interference1. <i>Acta Pharmacologica Sinica</i> , 2005, 26, 1467-1473.	6.1	3
844	RNA interference by expression of short hairpin RNAs suppresses bcl-xL gene expression in nasopharyngeal carcinoma cells1. <i>Acta Pharmacologica Sinica</i> , 2005, 26, 228-234.	6.1	7
845	Silencing of Bcl-XL Expression in Human MGC-803 Gastric Cancer Cells by siRNA. <i>Acta Biochimica Et Biophysica Sinica</i> , 2005, 37, 555-560.	2.0	11
847	Retinoblastoma protein is required for efficient colorectal carcinoma cell apoptosis by histone deacetylase inhibitors in the absence of p21Waf. <i>Biochemical Pharmacology</i> , 2005, 69, 1059-1067.	4.4	14



#	ARTICLE	IF	CITATIONS
848	Functional genomics using high-throughput RNA interference. <i>Drug Discovery Today</i> , 2005, 10, 205-212.	6.4	44
849	Target-specific gene silencing by siRNA plasmid DNA complexed with folate-modified poly(ethylenimine). <i>Journal of Controlled Release</i> , 2005, 104, 223-232.	9.9	137
850	Delivery of plasmid DNA expressing small interference RNA for TGF- $\beta$ 2 type II receptor by cationized gelatin to prevent interstitial renal fibrosis. <i>Journal of Controlled Release</i> , 2005, 105, 318-331.	9.9	56
851	Gene silencing in primary and metastatic tumors by small interfering RNA delivery in mice: Quantitative analysis using melanoma cells expressing firefly and sea pansy luciferases. <i>Journal of Controlled Release</i> , 2005, 105, 332-343.	9.9	45
852	Harnessing HIV for therapy, basic research and biotechnology. <i>Trends in Biotechnology</i> , 2005, 23, 42-47.	9.3	112
853	The use of small interfering RNA to elucidate the activity and function of ion channel genes in an intact tissue. <i>Journal of Pharmacological and Toxicological Methods</i> , 2005, 51, 253-262.	0.7	21
854	RNAi mediated MMP-1 silencing inhibits human chondrosarcoma invasion. <i>Journal of Orthopaedic Research</i> , 2005, 23, 1467-1474.	2.3	10
855	Short hairpin RNA targeted to the highly conserved 2B nonstructural protein coding region inhibits replication of multiple serotypes of foot-and-mouth disease virus. <i>Virology</i> , 2005, 335, 222-231.	2.4	49
856	Two mink parvoviruses use different cellular receptors for entry into CRFK cells. <i>Virology</i> , 2005, 340, 1-9.	2.4	16
857	Stable suppression of MDR-1 gene using siRNA expression vector to reverse drug resistance in a human uterine sarcoma cell line. <i>Gynecologic Oncology</i> , 2005, 98, 31-38.	1.4	37
858	Distinct temporal genetic signatures of neurogenic and gliogenic cues in cortical stem cell cultures. <i>Journal of Neurobiology</i> , 2005, 62, 121-133.	3.6	6
859	Overexpressed in anaplastic thyroid carcinoma-1 (OEATC-1) as a novel gene responsible for anaplastic thyroid carcinoma. <i>Cancer</i> , 2005, 103, 1785-1790.	4.1	45
860	Virus-delivered small RNA silencing sustains strength in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , 2005, 57, 773-776.	5.3	108
861	HCV-hepatocellular carcinoma: New findings and hope for effective treatment. <i>Microscopy Research and Technique</i> , 2005, 68, 130-148.	2.2	13
862	Viral vectors as tools to model and treat neurodegenerative disorders. <i>Journal of Gene Medicine</i> , 2005, 7, 530-539.	2.8	46
863	Stable inhibition of hepatitis B virus proteins by small interfering RNA expressed from viral vectors. <i>Journal of Gene Medicine</i> , 2005, 7, 918-925.	2.8	52
864	Small interfering RNA effectively inhibits protein expression and negative strand RNA synthesis from a full-length hepatitis C virus clone. <i>Journal of Medical Virology</i> , 2005, 76, 511-519.	5.0	39
865	Dependence of axon initial segment formation on Na <sup>+</sup> channel expression. <i>Journal of Neuroscience Research</i> , 2005, 79, 428-441.	2.9	51

#	ARTICLE	IF	CITATIONS
866	Assessing adenoviral hammerhead ribozyme and small hairpin RNA cassettes in neurons: Inhibition of endogenous caspase-3 activity and protection from apoptotic cell death. Journal of Neuroscience Research, 2005, 79, 661-669.	2.9	5
867	The role of small RNAs in human diseases: Potential troublemaker and therapeutic tools. Medicinal Research Reviews, 2005, 25, 361-381.	10.5	58
868	Therapeutic gene silencing in neurological disorders, using interfering RNA. Journal of Molecular Medicine, 2005, 83, 413-419.	3.9	28
869	Mice conditionally lacking the Wolfram gene in pancreatic islet beta cells exhibit diabetes as a result of enhanced endoplasmic reticulum stress and apoptosis. Diabetologia, 2005, 48, 2313-2321.	6.3	212
870	Silencing viruses by RNA interference. Microbes and Infection, 2005, 7, 767-775.	1.9	32
871	Cardiac myocyte differentiation: the Nkx2.5 and Cripto target genes in P19 clone 6 cells. Functional and Integrative Genomics, 2005, 5, 218-239.	3.5	14
872	Influence of p53 small double stranded RNA interference on hepatoma cell line SK-HEP-1. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2005, 17, 22-27.	2.2	0
873	Gene silencing through RNA interference: Potential for therapeutics and functional genomics. International Journal of Peptide Research and Therapeutics, 2005, 10, 361-372.	1.9	0
874	Retroviral reporter systems for assessing the activity of stress-inducible signal transduction pathways controlled by the p53, HIF-1, and HSF-1 transcription factors. Molecular Biology, 2005, 39, 253-259.	1.3	6
875	PLC $\beta$ 2 Activates CREB-dependent Transcription in PC12 Cells Through Phosphorylation of CREB at Serine 133. Cytotechnology, 2005, 47, 107-116.	1.6	10
876	Sequence-Specific Suppression of mdr1a/1b Expression in Mice via RNA Interference. Pharmaceutical Research, 2005, 22, 2091-2098.	3.5	37
877	Characterisation and application of a bovine U6 promoter for expression of short hairpin RNAs. BMC Biotechnology, 2005, 5, 13.	3.3	26
878	Role of androgen receptor in the progression of human prostate tumor cells to androgen independence and insensitivity. Prostate, 2005, 65, 287-298.	2.3	52
879	Therapeutic RNA?. Reviews in Medical Virology, 2005, 15, 349-350.	8.3	2
880	The proteasome inhibitor bortezomib sensitizes cells to killing by death receptor ligand TRAIL via BH3-only proteins Bik and Bim. Molecular Cancer Therapeutics, 2005, 4, 443-449.	4.1	171
881	RNA Interference. , 2005, , 167-193.		0
882	Reversal of the phenotype byK-rasval12silencing mediated by adenovirus-delivered siRNA in human pancreatic cancer cell line Panc-1. World Journal of Gastroenterology, 2005, 11, 831.	3.3	26
883	Viral delivery of shRNA. , 2005, , 161-173.		1

#	ARTICLE	IF	CITATIONS
884	Alternative approach to generate shRNA from cDNA. BioTechniques, 2005, 38, 629-632.	1.8	9
885	BCR-ABL Induces the Expression of Skp2 through the PI3K Pathway to Promote p27Kip1 Degradation and Proliferation of Chronic Myelogenous Leukemia Cells. Cancer Research, 2005, 65, 3264-3272.	0.9	111
886	Rational design of siRNAs with the Sfold software. , 2005, , 129-138.		5
887	Six methods of inducing RNAi in mammalian cells. , 2005, , 147-160.		0
888	siRNA delivery by lentiviral vectors: Design and applications. , 2005, , 174-185.		0
889	Chemical modifications to achieve increased stability and sensitive detection of siRNA. , 2005, , 194-206.		0
890	RNAi and the drug discovery process. , 2005, , 331-346.		3
891	RNA interference technology in the discovery and validation of druggable targets. , 2005, , 347-360.		0
892	Microarray analysis and RNA silencing to determine genes functionally important in mesothelioma. , 2005, , 447-469.		0
893	High-throughput RNA interference. , 2005, , 470-479.		0
894	Generation of highly specific vector-based shRNAi libraries directed against the entire human genome. , 2005, , 480-496.		1
895	The RNA interference revolution. Brazilian Journal of Medical and Biological Research, 2005, 38, 1749-1757.	1.5	21
896	RNA Silencing Technologies in Drug Discovery and Target Validation. Letters in Drug Design and Discovery, 2005, 2, 1-18.	0.7	7
897	Inhibition of Ubiquitination and Stabilization of Human Ubiquitin E3 Ligase PIRH2 by Measles Virus Phosphoprotein. Journal of Virology, 2005, 79, 11824-11836.	3.4	47
898	Knockdown of occludin expression leads to diverse phenotypic alterations in epithelial cells. American Journal of Physiology - Cell Physiology, 2005, 288, C1231-C1241.	4.6	281
899	In vivo RNA Interferenceâ€‘Mediated Ablation of MDR1 P-Glycoprotein. Clinical Cancer Research, 2005, 11, 4487-4494.	7.0	100
900	The contributions of dsRNA structure to Dicer specificity and efficiency. Rna, 2005, 11, 674-682.	3.5	237
901	Conditional Gene Targeting in the Kidney. Current Molecular Medicine, 2005, 5, 527-536.	1.3	9

#	ARTICLE	IF	CITATIONS
902	Mechanisms That Limit the In Vitro Proliferative Potential of Human CD8+ T Lymphocytes. <i>Journal of Immunology</i> , 2005, 174, 3335-3343.	0.8	26
903	Insulin-stimulated Plasma Membrane Fusion of Glut4 Glucose Transporter-containing Vesicles Is Regulated by Phospholipase D1. <i>Molecular Biology of the Cell</i> , 2005, 16, 2614-2623.	2.1	130
904	A Small Interfering RNA Targeting Vascular Endothelial Growth Factor Inhibits Ewing's Sarcoma Growth in a Xenograft Mouse Model. <i>Clinical Cancer Research</i> , 2005, 11, 2662-2669.	7.0	111
905	Novel Methods for Expressing RNA Interference in Human Cells. <i>Methods in Enzymology</i> , 2005, 392, 97-112.	1.0	12
906	The Small GTPase RalA Controls Exocytosis of Large Dense Core Secretory Granules by Interacting with ARF6-dependent Phospholipase D1. <i>Journal of Biological Chemistry</i> , 2005, 280, 29921-29928.	3.4	71
907	Targeted Inhibition of the KLF6 Splice Variant, KLF6 SV1, Suppresses Prostate Cancer Cell Growth and Spread. <i>Cancer Research</i> , 2005, 65, 5761-5768.	0.9	151
908	RNA Interference-Based Gene Silencing in Mice: The Development of a Novel Therapeutical Strategy. <i>Current Pharmaceutical Design</i> , 2005, 11, 3405-3419.	1.9	21
909	Delivering RNA Interference to the Mammalian Brain. <i>Current Gene Therapy</i> , 2005, 5, 399-410.	2.0	51
910	Roles of heterogeneous nuclear ribonucleoproteins A and B in cell proliferation. <i>Journal of Cell Science</i> , 2005, 118, 3173-3183.	2.0	102
911	Functional Annotation of Deubiquitinating Enzymes Using RNA Interference. <i>Methods in Enzymology</i> , 2005, 398, 554-567.	1.0	7
912	Transforming Growth Factor $\beta^2$ (TGF- $\beta^2$ )-Smad Target Gene Protein Tyrosine Phosphatase Receptor Type Kappa Is Required for TGF- $\beta^2$ Function. <i>Molecular and Cellular Biology</i> , 2005, 25, 4703-4715.	2.3	77
913	Development of New EBV-Based Vectors for Stable Expression of Small Interfering RNA to Mimick Human Syndromes: Application to NER Gene Silencing. <i>Molecular Cancer Research</i> , 2005, 3, 519-529.	3.4	42
914	Bax-dependent Regulation of Bak by Voltage-dependent Anion Channel 2. <i>Journal of Biological Chemistry</i> , 2005, 280, 19051-19061.	3.4	83
915	IGFBP-3 Is a Direct Target of Transcriptional Regulation by $\beta$ -Np63 $\beta$ in Squamous Epithelium. <i>Cancer Research</i> , 2005, 65, 2314-2320.	0.9	74
916	Suppression of Progression and Metastasis of Established Colon Tumors in Mice by Intravenous Delivery of Short Interfering RNA Targeting KITENIN, a Metastasis-Enhancing Protein. <i>Cancer Research</i> , 2005, 65, 8993-9003.	0.9	68
917	Sensitization of DNA damage-induced apoptosis by the proteasome inhibitor PS-341 is p53 dependent and involves target proteins 14-3-3 $\beta$ and survivin. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1880-1890.	4.1	32
918	Knockdown of Glutamate-Cysteine Ligase by Small Hairpin RNA Reveals That Both Catalytic and Modulatory Subunits Are Essential for the Survival of Primary Neurons. <i>Journal of Biological Chemistry</i> , 2005, 280, 38992-39001.	3.4	70
919	Knockdown of Fibronectin Induces Mitochondria-Dependent Apoptosis in Rat Mesangial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 646-657.	6.1	33

#	ARTICLE	IF	CITATIONS
920	Distinct Protein Phosphatase 2A Heterotrimers Modulate Growth Factor Signaling to Extracellular Signal-regulated Kinases and Akt. <i>Journal of Biological Chemistry</i> , 2005, 280, 36029-36036.	3.4	115
921	Short Hairpin RNA-Mediated Inhibition of Matrix Metalloproteinase-1 in MDA-231 Cells: Effects on Matrix Destruction and Tumor Growth. <i>Cancer Research</i> , 2005, 65, 11101-11108.	0.9	60
922	Requirement for the SnoN Oncoprotein in Transforming Growth Factor $\beta$ -Induced Oncogenic Transformation of Fibroblast Cells. <i>Molecular and Cellular Biology</i> , 2005, 25, 10731-10744.	2.3	42
923	Bcl-2 Rescues Ceramide- and Etoposide-induced Mitochondrial Apoptosis through Blockage of Caspase-2 Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 23758-23765.	3.4	51
924	The Mechanism of Endogenous Receptor Activation Functionally Distinguishes Prototype Canonical and Noncanonical Wnts. <i>Molecular and Cellular Biology</i> , 2005, 25, 3475-3482.	2.3	68
925	Neurabin/Protein Phosphatase-1 Complex Regulates Dendritic Spine Morphogenesis and Maturation. <i>Molecular Biology of the Cell</i> , 2005, 16, 2349-2362.	2.1	83
926	Alternative splicing induced by nonsense mutations in the immunoglobulin $\lambda$ VDJ exon is independent of truncation of the open reading frame. <i>Rna</i> , 2005, 11, 139-146.	3.5	19
927	Reciprocal Transcriptional Regulation of Pou5f1 and Sox2 via the Oct4/Sox2 Complex in Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2005, 25, 6031-6046.	2.3	599
928	The Balance between Acetylation and Deacetylation Controls Smad7 Stability. <i>Journal of Biological Chemistry</i> , 2005, 280, 21797-21803.	3.4	140
929	Growth Suppression Induced by Downregulation of E6-AP Expression in Human Papillomavirus-Positive Cancer Cell Lines Depends on p53. <i>Journal of Virology</i> , 2005, 79, 9296-9300.	3.4	46
930	Protein Kinase D Mediates Mitochondrion-to-Nucleus Signaling and Detoxification from Mitochondrial Reactive Oxygen Species. <i>Molecular and Cellular Biology</i> , 2005, 25, 8520-8530.	2.3	216
931	Evidence that phosphorylation of the microtubule-associated protein Tau by SAPK4/p38 $\beta$ at Thr50 promotes microtubule assembly. <i>Journal of Cell Science</i> , 2005, 118, 397-408.	2.0	120
932	The origin recognition core complex regulates dendrite and spine development in postmitotic neurons. <i>Journal of Cell Biology</i> , 2005, 170, 527-535.	5.2	60
933	Local Phosphatidylinositol 3,4,5-Trisphosphate Accumulation Recruits Vav2 and Vav3 to Activate Rac1/Cdc42 and Initiate Neurite Outgrowth in Nerve Growth Factor-stimulated PC12 Cells. <i>Molecular Biology of the Cell</i> , 2005, 16, 2207-2217.	2.1	132
934	Nesprin-3, a novel outer nuclear membrane protein, associates with the cytoskeletal linker protein plectin. <i>Journal of Cell Biology</i> , 2005, 171, 799-810.	5.2	409
935	Complete, gene-specific siRNA libraries: Production and expression in mammalian cells. <i>Rna</i> , 2005, 11, 837-846.	3.5	24
936	Modulation of gene expression by antisense and antigene oligodeoxynucleotides and small interfering RNA. <i>Expert Opinion on Drug Delivery</i> , 2005, 2, 3-28.	5.0	71
937	Cyclooxygenase-2 Inhibits Novel Ginseng Metabolite-Mediated Apoptosis. <i>Cancer Research</i> , 2005, 65, 1952-1960.	0.9	91

#	ARTICLE	IF	CITATIONS
938	Clearance of hepatitis B virus from the liver of transgenic mice by short hairpin RNAs. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 773-778.	7.1	212
939	The Islet $\beta$ Cell-enriched MafA Activator Is a Key Regulator of Insulin Gene Transcription. Journal of Biological Chemistry, 2005, 280, 11887-11894.	3.4	165
940	MgcRacGAP controls the assembly of the contractile ring and the initiation of cytokinesis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13158-13163.	7.1	179
941	RNA Interference Targeting Aurora Kinase A Suppresses Tumor Growth and Enhances the Taxane Chemosensitivity in Human Pancreatic Cancer Cells. Cancer Research, 2005, 65, 2899-2905.	0.9	212
942	ADAM10 mediates E-cadherin shedding and regulates epithelial cell-cell adhesion, migration, and $\beta$ -catenin translocation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9182-9187.	7.1	604
943	Calcium Signal-induced Cofilin Dephosphorylation Is Mediated by Slingshot via Calcineurin. Journal of Biological Chemistry, 2005, 280, 12683-12689.	3.4	199
944	Shank Expression Is Sufficient to Induce Functional Dendritic Spine Synapses in Aspinous Neurons. Journal of Neuroscience, 2005, 25, 3560-3570.	3.6	263
945	How adeno-associated virus Rep78 protein arrests cells completely in S phase. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13634-13639.	7.1	76
946	Versican in the Developing Brain: Lamina-Specific Expression in Interneuronal Subsets and Role in Presynaptic Maturation. Journal of Neuroscience, 2005, 25, 8457-8467.	3.6	40
947	Spatial and temporal regulation of cofilin activity by LIM kinase and Slingshot is critical for directional cell migration. Journal of Cell Biology, 2005, 171, 349-359.	5.2	190
948	Endogenous Retrovirus Expression Is Required for Murine Melanoma Tumor Growth In vivo. Cancer Research, 2005, 65, 2588-2591.	0.9	61
950	PAK4 Functions in Tumor Necrosis Factor (TNF) $\alpha$ -induced Survival Pathways by Facilitating TRADD Binding to the TNF Receptor. Journal of Biological Chemistry, 2005, 280, 41192-41200.	3.4	78
951	ZW10 links mitotic checkpoint signaling to the structural kinetochore. Journal of Cell Biology, 2005, 169, 49-60.	5.2	221
952	Convergent Actions of $\beta$ -Kinase $\beta$ and Protein Kinase C $\delta$ Modulate mRNA Stability through Phosphorylation of 14-3-3 $\beta$ Complexed with Tristetraprolin. Molecular and Cellular Biology, 2005, 25, 6454-6463.	2.3	55
953	The role of IFN regulatory factor-3 in the cytotoxic activity of NS-9, a polyinosinic-polycytidylic acid/cationic liposome complex, against tumor cells. Molecular Cancer Therapeutics, 2005, 4, 799-805.	4.1	11
954	Prognostic Significance of Fascin Overexpression in Human Esophageal Squamous Cell Carcinoma. Clinical Cancer Research, 2005, 11, 2597-2605.	7.0	146
955	Multiple Mechanisms Are Involved in Ah Receptor-Mediated Cell Cycle Arrest. Molecular Pharmacology, 2005, 67, 88-96.	2.3	101
956	Transcriptional Networks and Cellular Senescence in Human Mammary Fibroblasts. Molecular Biology of the Cell, 2005, 16, 943-953.	2.1	67

#	ARTICLE	IF	CITATIONS
957	Predominant Bcl-XL Knockdown Disables Antiapoptotic Mechanisms: Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand-Based Triple Chemotherapy Overcomes Chemoresistance in Pancreatic Cancer Cells <i>in vitro</i> . <i>Cancer Research</i> , 2005, 65, 2344-2352.	0.9	113
958	Proteomic Characterization of the Angiogenesis Inhibitor SU6668 Reveals Multiple Impacts on Cellular Kinase Signaling. <i>Cancer Research</i> , 2005, 65, 6919-6926.	0.9	108
959	Gene Therapy Progress and Prospects: Recent progress in transgene and RNAi expression cassettes. <i>Gene Therapy</i> , 2005, 12, 795-802.	4.5	27
960	Role of Phosphoinositide Signaling in the Control of Insulin Exocytosis. <i>Molecular Endocrinology</i> , 2005, 19, 3097-3106.	3.7	74
961	LBP Proteins Modulate SF1-Independent Expression of P450scc in Human Placental JEG-3 Cells. <i>Molecular Endocrinology</i> , 2005, 19, 409-420.	3.7	27
962	Ras-Raf-Arf Signaling Critically Depends on the Dmp1 Transcription Factor. <i>Molecular and Cellular Biology</i> , 2005, 25, 220-232.	2.3	109
963	Uncoupling Anaphase-Promoting Complex/Cyclosome Activity from Spindle Assembly Checkpoint Control by Deregulating Polo-Like Kinase 1. <i>Molecular and Cellular Biology</i> , 2005, 25, 2031-2044.	2.3	62
964	Importin KPNA2 Is Required for Proper Nuclear Localization and Multiple Functions of NBS1. <i>Journal of Biological Chemistry</i> , 2005, 280, 39594-39600.	3.4	86
965	Involvement of Human MCM8 in Prereplication Complex Assembly by Recruiting hcdc6 to Chromatin. <i>Molecular and Cellular Biology</i> , 2005, 25, 1560-1568.	2.3	56
966	RNA interference. <i>Pharmacogenomics</i> , 2005, 6, 13-16.	1.3	2
967	Use of Short Hairpin RNA Expression Vectors to Study Mammalian Neural Development. <i>Methods in Enzymology</i> , 2005, 392, 186-199.	1.0	16
968	Targeted Delivery of Therapeutic Oligonucleotides to Pulmonary Circulation. <i>Advances in Genetics</i> , 2005, 54, 21-41.	1.8	4
969	Subcellular Distribution of Small Interfering RNA: Directed Delivery Through RNA Polymerase III Expression Cassettes and Localization by In Situ Hybridization. <i>Methods in Enzymology</i> , 2005, 392, 125-145.	1.0	6
970	Targeting Cellular Genes with PCR Cassettes Expressing Short Interfering RNAs. <i>Methods in Enzymology</i> , 2005, 392, 173-185.	1.0	12
971	Cell-based microarrays: current progress, future prospects. <i>Pharmacogenomics</i> , 2005, 6, 527-534.	1.3	13
972	Single copy shRNA configuration for ubiquitous gene knockdown in mice. <i>Nucleic Acids Research</i> , 2005, 33, e67-e67.	14.5	101
973	AP2 Clathrin Adaptor Complex, but Not AP1, Controls the Access of the Major Histocompatibility Complex (MHC) Class II to Endosomes. <i>Journal of Biological Chemistry</i> , 2005, 280, 19656-19664.	3.4	99
974	Involvement of Human Release Factors eRF3a and eRF3b in Translation Termination and Regulation of the Termination Complex Formation. <i>Molecular and Cellular Biology</i> , 2005, 25, 5801-5811.	2.3	74



#	ARTICLE	IF	CITATIONS
975	Myostatin Inhibits Myogenesis and Promotes Adipogenesis in C3H 10T(1/2) Mesenchymal Multipotent Cells. <i>Endocrinology</i> , 2005, 146, 3547-3557.	2.8	183
976	Silencing Gene Expression with Dicer-Generated siRNA Pools. , 2005, 309, 093-196.		22
977	RNA Interference-based Strategies for Metabolic Syndrome Treatment. <i>Hormone and Metabolic Research</i> , 2005, 37, 59-62.	1.5	4
978	Paradigms for Conditional Expression of RNA Interference Molecules for Use Against Viral Targets. <i>Methods in Enzymology</i> , 2005, 392, 227-241.	1.0	11
979	Role of I $\beta$ B kinase in tumorigenesis. <i>Future Oncology</i> , 2005, 1, 67-78.	2.4	34
980	FoxO3 Mediates Antagonistic Effects of Glucocorticoids and Interleukin-2 on Glucocorticoid-Induced Leucine Zipper Expression. <i>Molecular Endocrinology</i> , 2005, 19, 1752-1764.	3.7	55
981	Single small-interfering RNA expression vector for silencing multiple transforming growth factor- $\beta$ pathway components. <i>Nucleic Acids Research</i> , 2005, 33, e131-e131.	14.5	47
982	Inducible H1 Promoter-Driven Lentiviral siRNA Expression by Stuffer Reporter Deletion. <i>Oligonucleotides</i> , 2005, 15, 139-144.	2.7	15
983	Rho GDP Dissociation Inhibitor Protects Cancer Cells against Drug-Induced Apoptosis. <i>Cancer Research</i> , 2005, 65, 6054-6062.	0.9	129
985	The Small Heat Shock Protein $\beta$ -crystallin Is a Novel Inhibitor of TRAIL-induced Apoptosis That Suppresses the Activation of Caspase-3. <i>Journal of Biological Chemistry</i> , 2005, 280, 11059-11066.	3.4	196
986	Increased Vascular Smooth Muscle Contractility in $\alpha$ TRPC6 $\beta$ Mice. <i>Molecular and Cellular Biology</i> , 2005, 25, 6980-6989.	2.3	467
987	Peroxisome Proliferator-activated Receptor $\beta$ Agonists Promote TRAIL-induced Apoptosis by Reducing Survivin Levels via Cyclin D3 Repression and Cell Cycle Arrest. <i>Journal of Biological Chemistry</i> , 2005, 280, 6742-6751.	3.4	98
988	Toward a Gene Therapy for Dominant Disease: Validation of an RNA Interference-Based Mutation-Independent Approach. <i>Molecular Therapy</i> , 2005, 12, 555-561.	8.2	82
989	Development of cellular models for ribosomal protein S19 (RPS19)-deficient diamond $\beta$ anemia using inducible expression of siRNA against RPS19. <i>Molecular Therapy</i> , 2005, 11, 627-637.	8.2	49
990	Herpes Simplex Virus 1 Amplicon Vector-Mediated siRNA Targeting Epidermal Growth Factor Receptor Inhibits Growth of Human Glioma Cells in Vivo. <i>Molecular Therapy</i> , 2005, 12, 803-812.	8.2	71
991	Long-Term Inhibition of HIV-1 Infection in Primary Hematopoietic Cells by Lentiviral Vector Delivery of a Triple Combination of Anti-HIV shRNA, Anti-CCR5 Ribozyme, and a Nucleolar-Localizing TAR Decoy. <i>Molecular Therapy</i> , 2005, 12, 900-909.	8.2	240
992	In vivo Inhibition of Hippocampal Ca $^{2+}$ /Calmodulin-Dependent Protein Kinase II by RNA Interference. <i>Molecular Therapy</i> , 2005, 11, 899-905.	8.2	27
993	Amplification of RNAi $\beta$ Targeting HLA mRNAs. <i>Molecular Therapy</i> , 2005, 11, 811-818.	8.2	46

#	ARTICLE	IF	CITATIONS
994	Expression of Endothelins and Their Receptors Promotes an Invasive Phenotype of Breast Tumor Cells But Is Insufficient to Induce Invasion in Benign Cells. <i>DNA and Cell Biology</i> , 2005, 24, 766-776.	1.9	32
995	Endo180 Binds to the C-terminal Region of Type I Collagen. <i>Journal of Biological Chemistry</i> , 2005, 280, 22596-22605.	3.4	39
996	NRIP, a Novel Nuclear Receptor Interaction Protein, Enhances the Transcriptional Activity of Nuclear Receptors. <i>Journal of Biological Chemistry</i> , 2005, 280, 20000-20009.	3.4	29
997	A universal plasmid library encoding all permutations of small interfering RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2356-2361.	7.1	40
998	Irradiation-induced Translocation of p53 to Mitochondria in the Absence of Apoptosis. <i>Journal of Biological Chemistry</i> , 2005, 280, 37169-37177.	3.4	47
999	Disabled-2 (Dab2) Mediates Transforming Growth Factor $\beta^2$ (TGF $\beta^2$ )-stimulated Fibronectin Synthesis through TGF $\beta^2$ -activated Kinase 1 and Activation of the JNK Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 25920-25927.	3.4	97
1000	GPI7 Is the Second Partner of PIG-F and Involved in Modification of Glycosylphosphatidylinositol. <i>Journal of Biological Chemistry</i> , 2005, 280, 9728-9734.	3.4	47
1001	Bacterial Induction of TNF- $\alpha$ Converting Enzyme Expression and IL-6 Receptor $\alpha$ Shedding Regulates Airway Inflammatory Signaling. <i>Journal of Immunology</i> , 2005, 175, 1930-1936.	0.8	69
1002	A Novel Pathway for Presynaptic Mitogen-Activated Kinase Activation via AMPA Receptors. <i>Journal of Neuroscience</i> , 2005, 25, 1654-1663.	3.6	62
1003	Role of Fabp7, a Downstream Gene of Pax6, in the Maintenance of Neuroepithelial Cells during Early Embryonic Development of the Rat Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 9752-9761.	3.6	158
1004	Cdh1/Hct1-APC Is Essential for the Survival of Postmitotic Neurons. <i>Journal of Neuroscience</i> , 2005, 25, 8115-8121.	3.6	135
1005	FasL (CD95L/APO-1L) Resistance of Neurons Mediated by Phosphatidylinositol 3-Kinase-Akt/Protein Kinase B-Dependent Expression of Lifeguard/Neuronal Membrane Protein 35. <i>Journal of Neuroscience</i> , 2005, 25, 6765-6774.	3.6	53
1006	Overexpression of NBS1 Contributes to Transformation through the Activation of Phosphatidylinositol 3-Kinase/Akt. <i>Journal of Biological Chemistry</i> , 2005, 280, 32505-32511.	3.4	59
1007	CNK1 Is a Scaffold Protein That Regulates Src-mediated Raf-1 Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 24205-24211.	3.4	49
1008	KrÄppel-like Factor-6 Promotes Preadipocyte Differentiation through Histone Deacetylase 3-dependent Repression of DLK1. <i>Journal of Biological Chemistry</i> , 2005, 280, 26941-26952.	3.4	153
1009	A Specific Microdomain (â€œGlycosynapse â€œ) Controls Phenotypic Conversion and Reversion of Bladder Cancer Cells through GM3-mediated Interaction of $\beta^2$ Integrin with CD9. <i>Journal of Biological Chemistry</i> , 2005, 280, 35545-35553.	3.4	105
1010	Stress alters the subcellular distribution of hSlu7 and thus modulates alternative splicing. <i>Journal of Cell Science</i> , 2005, 118, 1151-1159.	2.0	55
1011	Overexpression of Exportin 5 enhances RNA interference mediated by short hairpin RNAs and microRNAs. <i>Rna</i> , 2005, 11, 220-226.	3.5	228

#	ARTICLE	IF	CITATIONS
1012	Tid1 Negatively Regulates the Migratory Potential of Cancer Cells by Inhibiting the Production of Interleukin-8. <i>Cancer Research</i> , 2005, 65, 8784-8791.	0.9	44
1013	The Pleckstrin Homology Domain-Containing Protein CKIP-1 Is Involved in Regulation of Cell Morphology and the Actin Cytoskeleton and Interaction with Actin Capping Protein. <i>Molecular and Cellular Biology</i> , 2005, 25, 3519-3534.	2.3	77
1014	Association of BMI1 with Polycomb Bodies Is Dynamic and Requires PRC2/EZH2 and the Maintenance DNA Methyltransferase DNMT1. <i>Molecular and Cellular Biology</i> , 2005, 25, 11047-11058.	2.3	162
1015	Persistence of Bovine Viral Diarrhea Virus Is Determined by a Cellular Cofactor of a Viral Autoprotease. <i>Journal of Virology</i> , 2005, 79, 9746-9755.	3.4	49
1016	Efficiency of RNA Interference in the Mouse Hematopoietic System Varies between Cell Types and Developmental Stages. <i>Molecular and Cellular Biology</i> , 2005, 25, 3896-3905.	2.3	68
1017	DNA Damage Sensors ATM, ATR, DNA-PKcs, and PARP-1 Are Dispensable for Human Immunodeficiency Virus Type 1 Integration. <i>Journal of Virology</i> , 2005, 79, 2973-2978.	3.4	111
1018	Smad1, $\beta$ -catenin and Tcf4 associate in a molecular complex with the Myc promoter in dysplastic renal tissue and cooperate to control Myc transcription. <i>Development (Cambridge)</i> , 2005, 132, 215-225.	2.5	85
1019	Analysis of T-Cell Development by Using Short Interfering RNA to Knock Down Protein Expression. <i>Methods in Enzymology</i> , 2005, 392, 199-217.	1.0	20
1020	Macrophages Induce Invasiveness of Epithelial Cancer Cells Via NF- $\kappa$ B and JNK. <i>Journal of Immunology</i> , 2005, 175, 1197-1205.	0.8	393
1021	RNA Polymerase II subunit 3 is retained in the cytoplasm by its interaction with HCR, the psoriasis vulgaris candidate gene product. <i>Journal of Cell Science</i> , 2005, 118, 4253-4260.	2.0	21
1022	Oct-1 Counteracts Autoinhibition of Runx2 DNA Binding To Form a Novel Runx2/Oct-1 Complex on the Promoter of the Mammary Gland-Specific Gene $\beta$ -casein. <i>Molecular and Cellular Biology</i> , 2005, 25, 3182-3193.	2.3	47
1023	EB1 and EB3 Control CLIP Dissociation from the Ends of Growing Microtubules. <i>Molecular Biology of the Cell</i> , 2005, 16, 5334-5345.	2.1	182
1024	Silencing Human NKG2D, DAP10, and DAP12 Reduces Cytotoxicity of Activated CD8+ T Cells and NK Cells. <i>Journal of Immunology</i> , 2005, 175, 7819-7828.	0.8	112
1025	Anaphase-Promoting Complex/Cyclosome Controls the Stability of TPX2 during Mitotic Exit. <i>Molecular and Cellular Biology</i> , 2005, 25, 10516-10527.	2.3	93
1026	Anillin Is a Substrate of Anaphase-promoting Complex/Cyclosome (APC/C) That Controls Spatial Contractility of Myosin during Late Cytokinesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 33516-33524.	3.4	119
1027	Autorepression of Rfx1 Gene Expression: Functional Conservation from Yeast to Humans in Response to DNA Replication Arrest. <i>Molecular and Cellular Biology</i> , 2005, 25, 10665-10673.	2.3	49
1028	Endoplasmic Reticulum Stress-Induced Apoptosis Is Partly Mediated by Reduced Insulin Signaling Through Phosphatidylinositol 3-Kinase/Akt and Increased Glycogen Synthase Kinase-3 $\alpha$ in Mouse Insulinoma Cells. <i>Diabetes</i> , 2005, 54, 968-975.	0.6	158
1029	MAPKAP Kinase 3pK Phosphorylates and Regulates Chromatin Association of the Polycomb Group Protein Bmi1. <i>Journal of Biological Chemistry</i> , 2005, 280, 5178-5187.	3.4	150

#	ARTICLE	IF	CITATIONS
1030	Sil Phosphorylation in a Pin1 Binding Domain Affects the Duration of the Spindle Checkpoint. <i>Molecular and Cellular Biology</i> , 2005, 25, 6660-6672.	2.3	40
1031	Disabled-2 (Dab2) Is Required for Transforming Growth Factor $\beta^2$ -induced Epithelial to Mesenchymal Transition (EMT). <i>Journal of Biological Chemistry</i> , 2005, 280, 17540-17548.	3.4	128
1032	c-Src-Mediated Phosphorylation of TRIP6 Regulates Its Function in Lysophosphatidic Acid-Induced Cell Migration. <i>Molecular and Cellular Biology</i> , 2005, 25, 5859-5868.	2.3	59
1033	GRIM-19 Interacts with Nucleotide Oligomerization Domain 2 and Serves as Downstream Effector of Anti-bacterial Function in Intestinal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 19021-19026.	3.4	126
1034	Sphingosine Kinase 1 Is a Negative Regulator of CD4+ Th1 Cells. <i>Journal of Immunology</i> , 2005, 175, 6580-6588.	0.8	25
1035	Simple, Robust Strategies for Generating DNA-Directed RNA Interference Constructs. <i>Methods in Enzymology</i> , 2005, 392, 405-419.	1.0	9
1036	Prevention of PERV Infections in Pig to Human Xenotransplantation by the RNA Interference Silences Gene. <i>Journal of Biochemistry</i> , 2005, 137, 503-508.	1.7	42
1037	Regulation of 17,20 Lyase Activity by Cytochrome b5 and by Serine Phosphorylation of P450c17. <i>Journal of Biological Chemistry</i> , 2005, 280, 13265-13271.	3.4	134
1038	Blocking Mouse MMP-9 Production in Tumor Cells and Mouse Cornea by Short Hairpin (sh) RNA Encoding Plasmids. <i>Oligonucleotides</i> , 2005, 15, 72-84.	2.7	18
1039	LENTIVIRAL-MEDIATED DELIVERY OF COMBINED HIV-1 DECOY TAR AND Vif siRNA AS A SINGLE 1RNA MOLECULE THAT CLEAVES TO INHIBIT HIV-1 IN TRANSDUCED CELLS. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 431-434.	1.1	17
1040	RNA interference targeting SHP $\beta$ 1 attenuates myocardial infarction in rats. <i>FASEB Journal</i> , 2005, 19, 2054-2056.	0.5	37
1041	p130/p107/p105Rb-dependent transcriptional repression during DNA-damage-induced cell-cycle exit at G2. <i>Journal of Cell Science</i> , 2005, 118, 1821-1832.	2.0	85
1042	Acute Bidirectional Manipulation of Muscle Glucose Uptake by In Vivo Electrotransfer of Constructs Targeting Glucose Transporter Genes. <i>Diabetes</i> , 2005, 54, 2702-2711.	0.6	38
1043	p190 Rho-GTPase activating protein associates with plexins and it is required for semaphorin signalling. <i>Journal of Cell Science</i> , 2005, 118, 4689-4700.	2.0	90
1044	A Germline DNA Polymorphism Enhances Alternative Splicing of the KLF6 Tumor Suppressor Gene and Is Associated with Increased Prostate Cancer Risk. <i>Cancer Research</i> , 2005, 65, 1213-1222.	0.9	202
1045	The Inflammatory Cytokine Tumor Necrosis Factor- $\beta$ Regulates Chemokine Receptor Expression on Ovarian Cancer Cells. <i>Cancer Research</i> , 2005, 65, 10355-10362.	0.9	138
1046	Sensitization of Human Carcinoma Cells to Alkylating Agents by Small Interfering RNA Suppression of 3-Alkyladenine-DNA Glycosylase. <i>Cancer Research</i> , 2005, 65, 10472-10477.	0.9	52
1047	Viral Transport of DNA Damage That Mimics a Stalled Replication Fork. <i>Journal of Virology</i> , 2005, 79, 569-580.	3.4	65

#	ARTICLE	IF	CITATIONS
1048	Tiam1-IRSp53 Complex Formation Directs Specificity of Rac-Mediated Actin Cytoskeleton Regulation. <i>Molecular and Cellular Biology</i> , 2005, 25, 4602-4614.	2.3	83
1049	Phosphorylation and Stabilization of HURP by Aurora-A: Implication of HURP as a Transforming Target of Aurora-A. <i>Molecular and Cellular Biology</i> , 2005, 25, 5789-5800.	2.3	109
1050	ING2 Regulates the Onset of Replicative Senescence by Induction of p300-Dependent p53 Acetylation. <i>Molecular and Cellular Biology</i> , 2005, 25, 6639-6648.	2.3	116
1051	p53-Dependent Regulation of Cdc6 Protein Stability Controls Cellular Proliferation. <i>Molecular and Cellular Biology</i> , 2005, 25, 6937-6947.	2.3	72
1052	p21 WAF1 / CIP1 Selectively Controls the Transcriptional Activity of Estrogen Receptor $\beta$ . <i>Molecular and Cellular Biology</i> , 2005, 25, 2419-2430.	2.3	72
1053	Control of Dendritic Arborization by the Phosphoinositide-3 $\beta$ -Kinase $\beta$ -Akt $\beta$ -Mammalian Target of Rapamycin Pathway. <i>Journal of Neuroscience</i> , 2005, 25, 11300-11312.	3.6	537
1054	Hepatitis C Virus Core Protein Inhibits Tumor Suppressor Protein Promyelocytic Leukemia Function in Human Hepatoma Cells. <i>Cancer Research</i> , 2005, 65, 10830-10837.	0.9	53
1055	Stabilization and Enhancement of the Antiapoptotic Activity of Mcl-1 by TCTP. <i>Molecular and Cellular Biology</i> , 2005, 25, 3117-3126.	2.3	209
1056	Connexin43 Associated with an N-cadherin-containing Multiprotein Complex Is Required for Gap Junction Formation in NIH3T3 Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 19925-19936.	3.4	181
1057	Analysis of Double-stranded RNA-induced Apoptosis Pathways Using Interferon-response Noninducible Small Interfering RNA Expression Vector Library*. <i>Journal of Biological Chemistry</i> , 2005, 280, 25687-25696.	3.4	31
1058	Multiprotein complexes that link dislocation, ubiquitination, and extraction of misfolded proteins from the endoplasmic reticulum membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14296-14301.	7.1	288
1059	Homologous recombination and nonhomologous end-joining repair pathways regulate fragile site stability. <i>Genes and Development</i> , 2005, 19, 2715-2726.	5.9	114
1060	The Integral Inner Nuclear Membrane Protein MAN1 Physically Interacts with the R-Smad Proteins to Repress Signaling by the Transforming Growth Factor- $\beta$ Superfamily of Cytokines. <i>Journal of Biological Chemistry</i> , 2005, 280, 15992-16001.	3.4	154
1061	RNA Interference-Mediated Virus Clearance from Cells both Acutely and Chronically Infected with the Prototypic Arenavirus Lymphocytic Choriomeningitis Virus. <i>Journal of Virology</i> , 2005, 79, 11071-11081.	3.4	36
1062	Inhibition of hepatitis B virus replication by various RNAi constructs and their pharmacodynamic properties. <i>Journal of General Virology</i> , 2005, 86, 3227-3234.	2.9	25
1063	MKKS/BBS6, a divergent chaperonin-like protein linked to the obesity disorder Bardet-Biedl syndrome, is a novel centrosomal component required for cytokinesis. <i>Journal of Cell Science</i> , 2005, 118, 1007-1020.	2.0	166
1064	Functional RNAs as Tools in Proteomics. <i>Current Proteomics</i> , 2005, 2, 165-178.	0.3	0
1065	Maternal Embryonic Leucine Zipper Kinase/Murine Protein Serine-Threonine Kinase 38 Is a Promising Therapeutic Target for Multiple Cancers. <i>Cancer Research</i> , 2005, 65, 9751-9761.	0.9	159

#	ARTICLE	IF	CITATIONS
1066	Human Immunodeficiency Virus Nef Induces Rapid Internalization of the T-Cell Coreceptor CD8 $\alpha$ 1 $\beta$ . Journal of Virology, 2005, 79, 11422-11433.	3.4	71
1067	Transcytosis of NgCAM in epithelial cells reflects differential signal recognition on the endocytic and secretory pathways. Journal of Cell Biology, 2005, 170, 595-605.	5.2	45
1068	Cutting Edge: NF- $\kappa$ B-Activating Kinase-Associated Protein 1 Participates in TLR3/Toll-IL-1 Homology Domain-Containing Adapter Molecule-1-Mediated IFN Regulatory Factor 3 Activation. Journal of Immunology, 2005, 174, 27-30.	0.8	123
1069	Mechanisms regulating tissue-specific polarity of monocarboxylate transporters and their chaperone CD147 in kidney and retinal epithelia. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16245-16250.	7.1	128
1070	Combinatorial Transcription of Herpes Simplex Virus and Varicella Zoster Virus Immediate Early Genes Is Strictly Determined by the Cellular Coactivator HCF-1. Journal of Biological Chemistry, 2005, 280, 1369-1375.	3.4	43
1071	Reduced Expression of the Insulin Receptor in Mouse Insulinoma (MIN6) Cells Reveals Multiple Roles of Insulin Signaling in Gene Expression, Proliferation, Insulin Content, and Secretion. Journal of Biological Chemistry, 2005, 280, 4992-5003.	3.4	86
1072	A Role for Rat Inositol Polyphosphate Kinases rIPK2 and rIPK1 in Inositol Pentakisphosphate and Inositol Hexakisphosphate Production in Rat-1 Cells. Journal of Biological Chemistry, 2005, 280, 1156-1164.	3.4	49
1073	Essential Role of p38 $\beta$ in K-Ras Transformation Independent of Phosphorylation. Journal of Biological Chemistry, 2005, 280, 23910-23917.	3.4	61
1074	Involvement of the p97-Ufd1-Npl4 Complex in the Regulated Endoplasmic Reticulum-associated Degradation of Inositol 1,4,5-Trisphosphate Receptors. Journal of Biological Chemistry, 2005, 280, 34530-34537.	3.4	46
1075	RanBP3 enhances nuclear export of active $\beta$ -catenin independently of CRM1. Journal of Cell Biology, 2005, 171, 785-797.	5.2	80
1076	A Small C-Terminal Sequence of Aurora B Is Responsible for Localization and Function. Molecular Biology of the Cell, 2005, 16, 292-305.	2.1	40
1077	EAPP, a Novel E2F Binding Protein That Modulates E2F-dependent Transcription. Molecular Biology of the Cell, 2005, 16, 2181-2190.	2.1	21
1078	The p270 (ARID1A/SMARCF1) Subunit of Mammalian SWI/SNF-Related Complexes Is Essential for Normal Cell Cycle Arrest. Cancer Research, 2005, 65, 9236-9244.	0.9	121
1079	PR72, a novel regulator of Wnt signaling required for Naked cuticle function. Genes and Development, 2005, 19, 376-386.	5.9	67
1080	Identification of a Network Involved in Thapsigargin-induced Apoptosis Using a Library of Small Interfering RNA Expression Vectors*[boxes]. Journal of Biological Chemistry, 2005, 280, 826-831.	3.4	79
1081	Effects of silencing leukocyte-type 12/15-lipoxygenase using short interfering RNAs. Journal of Lipid Research, 2005, 46, 220-229.	4.2	33
1082	DNA Topoisomerase I Is a Cofactor for c-Jun in the Regulation of Epidermal Growth Factor Receptor Expression and Cancer Cell Proliferation. Molecular and Cellular Biology, 2005, 25, 5040-5051.	2.3	47
1083	RNA Nanotechnology: Engineering, Assembly and Applications in Detection, Gene Delivery and Therapy. Journal of Nanoscience and Nanotechnology, 2005, 5, 1964-1982.	0.9	152



#	ARTICLE	IF	CITATIONS
1084	Functional Genomic Analysis of Cell Division by Endoribonuclease-Prepared siRNAs. <i>Cell Cycle</i> , 2005, 4, 561-564.	2.6	30
1085	Promises and Challenges in Developing RNAi as a Research Tool and Therapy for Neurodegenerative Diseases. <i>Neurodegenerative Diseases</i> , 2005, 2, 220-231.	1.4	17
1086	Mismatch Repair Proteins Are Activators of Toxic Responses to Chromium-DNA Damage. <i>Molecular and Cellular Biology</i> , 2005, 25, 3596-3607.	2.3	116
1087	Destruction Boxâ€œDependent Degradation of Aurora B Is Mediated by the Anaphase-Promoting Complex/Cyclosome and Cdh1. <i>Cancer Research</i> , 2005, 65, 8730-8735.	0.9	139
1088	Down-Regulation of Signal Transducer and Activator of Transcription 3 Expression Using Vector-Based Small Interfering RNAs Suppresses Growth of Human Prostate Tumor In vivo. <i>Clinical Cancer Research</i> , 2005, 11, 6333-6341.	7.0	130
1089	Towards mutation-independent silencing of genes involved in retinal degeneration by RNA interference. <i>Gene Therapy</i> , 2005, 12, 1223-1228.	4.5	46
1090	HIV-1 can escape from RNA interference by evolving an alternative structure in its RNA genome. <i>Nucleic Acids Research</i> , 2005, 33, 796-804.	14.5	354
1091	Specific binding of the methyl binding domain protein 2 at the BRCA1-NBR2 locus. <i>Nucleic Acids Research</i> , 2005, 33, 4243-4254.	14.5	30
1092	A GFP-based reporter system to monitor nonsense-mediated mRNA decay. <i>Nucleic Acids Research</i> , 2005, 33, e54-e54.	14.5	196
1093	RNA interference remarkably suppresses bcl-2 gene expression in cancer cells in vitro and in vivo. <i>Cancer Biology and Therapy</i> , 2005, 4, 822-829.	3.4	23
1094	Role of p53/p21Waf1/Cip1 in the regulation of polyamine analogue-induced growth inhibition and cell death in human breast cancer cells. <i>Cancer Biology and Therapy</i> , 2005, 4, 1006-1013.	3.4	17
1095	Inhibition of gastric cancer angiogenesis by vector-based RNA interference for Raf-1. <i>Cancer Biology and Therapy</i> , 2005, 4, 120-124.	3.4	15
1096	A loxP-Containing pol II Promoter for RNA Interference is Reversibly Regulated by Cre Recombinase. <i>RNA Biology</i> , 2005, 2, 86-92.	3.1	9
1097	Inhibition of p53 by Lentiviral Mediated sh RNA Abrogates G <sub>1</sub> Arrest and Apoptosis in Retinal Pigmented Epithelial Cell Line. <i>Cell Cycle</i> , 2005, 4, 697-703.	2.6	13
1098	Potential applications of RNA interference technology in the treatment of cancer. <i>Future Oncology</i> , 2005, 1, 103-113.	2.4	32
1099	RNA interference and nonviral targeted gene therapy of experimental brain cancer. <i>NeuroRx</i> , 2005, 2, 139-150.	6.0	47
1100	Survivin-directed RNA interference cocktail is a potent suppressor of tumour growth in vivo. <i>Journal of Medical Genetics</i> , 2005, 43, 119-128.	3.2	49
1101	Choice of the adequate detection time for the accurate evaluation of the efficiency of siRNA-induced gene silencing. <i>Journal of Biotechnology</i> , 2005, 120, 251-261.	3.8	16



#	ARTICLE	IF	CITATIONS
1102	The Bromodomain Protein Brd4 Is a Positive Regulatory Component of P-TEFb and Stimulates RNA Polymerase II-Dependent Transcription. <i>Molecular Cell</i> , 2005, 19, 523-534.	9.7	1,101
1103	Binding sequence-dependent regulation of the human proliferating cell nuclear antigen promoter by p53. <i>Experimental Cell Research</i> , 2005, 305, 10-22.	2.6	19
1104	LAR receptor protein tyrosine phosphatases in the development and maintenance of excitatory synapses. <i>Nature Neuroscience</i> , 2005, 8, 458-467.	14.8	249
1105	Partial downregulation of MAD1 causes spindle checkpoint inactivation and aneuploidy, but does not confer resistance towards taxol. <i>Oncogene</i> , 2005, 24, 4301-4310.	5.9	82
1106	Glucose-regulated Glucagon Secretion Requires Insulin Receptor Expression in Pancreatic Î±-Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 33487-33496.	3.4	75
1107	IMPROVING ERECTILE FUNCTION BY SILENCING PHOSPHODIESTERASE-5. <i>Journal of Urology</i> , 2005, 174, 1142-1148.	0.4	27
1108	Overexpression of PKCÎ± is required to impart estradiol inhibition and tamoxifen-resistance in a T47D human breast cancer tumor model. <i>Carcinogenesis</i> , 2005, 27, 1538-1546.	2.8	36
1109	Specific Delivery of Therapeutic RNAs to Cancer Cells via the Dimerization Mechanism of phi29 Motor pRNA. <i>Human Gene Therapy</i> , 2005, 16, 1097-1110.	2.7	179
1110	RNA Interference as a Tool for Producing Knockdown Mice. <i>Journal of Mammalian Ova Research</i> , 2005, 22, 139-151.	0.1	1
1111	Functional gene-discovery systems based on libraries of hammerhead and hairpin ribozymes and short hairpin RNAs. <i>Molecular BioSystems</i> , 2005, 1, 27.	2.9	9
1112	Disruption of Fusion Results in Mitochondrial Heterogeneity and Dysfunction. <i>Journal of Biological Chemistry</i> , 2005, 280, 26185-26192.	3.4	1,115
1113	Escape from the interferon response associated with RNA interference using vectors that encode long modified hairpin-RNA. <i>Molecular BioSystems</i> , 2005, 1, 382.	2.9	57
1114	Tyrosine Phosphorylation Regulates Maturation of Receptor Tyrosine Kinases. <i>Molecular and Cellular Biology</i> , 2005, 25, 3690-3703.	2.3	135
1115	RNAi-mediated gene-targeting through systemic application of polyethylenimine (PEI)-complexed siRNA in vivo. <i>Gene Therapy</i> , 2005, 12, 461-466.	4.5	660
1116	DISEASE GENE DISCOVERY THROUGH INTEGRATIVE GENOMICS. <i>Annual Review of Genomics and Human Genetics</i> , 2005, 6, 381-406.	6.2	72
1117	Lentiviral Vector Delivery of siRNA and shRNA Encoding Genes into Cultured and Primary Hematopoietic Cells. , 2005, 309, 261-272.		57
1118	RNAI AS AN EXPERIMENTAL AND THERAPEUTIC TOOL TO STUDY AND REGULATE PHYSIOLOGICAL AND DISEASE PROCESSES. <i>Annual Review of Physiology</i> , 2005, 67, 147-173.	13.1	96
1119	Tricellulin constitutes a novel barrier at tricellular contacts of epithelial cells. <i>Journal of Cell Biology</i> , 2005, 171, 939-945.	5.2	664

#	ARTICLE	IF	CITATIONS
1120	Nuclear Oncoprotein Prothymosin $\alpha$ Is a Partner of Keap1: Implications for Expression of Oxidative Stress-Protecting Genes. <i>Molecular and Cellular Biology</i> , 2005, 25, 1089-1099.	2.3	162
1121	Controllable Self-Assembly of Nanoparticles for Specific Delivery of Multiple Therapeutic Molecules to Cancer Cells Using RNA Nanotechnology. <i>Nano Letters</i> , 2005, 5, 1797-1808.	9.1	232
1122	PDK1 Nucleates T Cell Receptor-Induced Signaling Complex for NF- $\kappa$ B Activation. <i>Science</i> , 2005, 308, 114-118.	12.6	230
1123	The potential of RNA interference as a tool in the management of viral hepatitis. <i>Journal of Hepatology</i> , 2005, 42, 139-144.	3.7	14
1124	Maintaining Inhibition: siRNA Double Expression Vectors Against Coxsackieviral RNAs. <i>Journal of Molecular Biology</i> , 2005, 346, 457-465.	4.2	81
1125	Reduction of neuropathy target esterase does not affect neuronal differentiation, but moderate expression induces neuronal differentiation in human neuroblastoma (SK-N-SH) cell line. <i>Molecular Brain Research</i> , 2005, 141, 30-38.	2.3	21
1126	The Deubiquitinating Enzyme USP1 Regulates the Fanconi Anemia Pathway. <i>Molecular Cell</i> , 2005, 17, 331-339.	9.7	510
1127	Transcriptional Silencing of Nonsense Codon-Containing Immunoglobulin Minigenes. <i>Molecular Cell</i> , 2005, 18, 307-317.	9.7	64
1128	The Tumor Suppressor RASSF1A and MAP-1 Link Death Receptor Signaling to Bax Conformational Change and Cell Death. <i>Molecular Cell</i> , 2005, 18, 637-650.	9.7	166
1129	Reversal of MDR1/P-glycoprotein-mediated multidrug resistance by RNA interference. <i>International Congress Series</i> , 2005, 1277, 144-153.	0.2	2
1130	Long-term in vivo and in vitro AAV-2-mediated RNA interference in rat retinal ganglion cells and cultured primary neurons. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 307-312.	2.1	42
1131	AIP1/WDR1 supports mitotic cell rounding. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 268-275.	2.1	52
1132	Down-regulation of UCRP and UBE2L6 in BRCA2 knocked-down human breast cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 43-48.	2.1	22
1133	Sleeping Beauty-mediated down-regulation of huntingtin expression by RNA interference. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 646-652.	2.1	59
1134	PLI.1 silencing leads to terminal differentiation of erythroleukemia cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 1288-1292.	2.1	11
1135	Simple and efficient DNA vector-based RNAi systems in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 53-59.	2.1	31
1136	Suppression of hepatitis A virus genome translation and replication by siRNAs targeting the internal ribosomal entry site. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 1217-1223.	2.1	32
1137	DNA vector-based RNAi approach for stable depletion of poly(ADP-ribose) polymerase-1. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 167-174.	2.1	21

#	ARTICLE	IF	CITATIONS
1138	Drosophila U6 promoter-driven short hairpin RNAs effectively induce RNA interference in Schneider 2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1163-1170.	2.1	44
1139	Nucleophosmin/B23-binding peptide inhibits tumor growth and up-regulates transcriptional activity of p53. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 396-403.	2.1	26
1140	Suppression of hLRH-1 mediated by a DNA vector-based RNA interference results in cell cycle arrest and induction of apoptosis in hepatocellular carcinoma cell BEL-7402. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 917-924.	2.1	30
1141	Long-term RNA interference from optimized siRNA expression constructs in adult mice. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 117-127.	2.1	27
1142	Application of the BC1 RNA gene promoter for short hairpin RNA expression in cultured neuronal cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 1305-1309.	2.1	6
1143	Role of GPR40 in fatty acid action on the $\beta^2$ cell line INS-1E. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 97-104.	2.1	201
1144	A possible mechanism for atherosclerosis induced by polycyclic aromatic hydrocarbons. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 220-226.	2.1	32
1145	HHR23A, a human homolog of <i>Saccharomyces cerevisiae</i> Rad23, regulates xeroderma pigmentosum C protein and is required for nucleotide excision repair. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 181-187.	2.1	14
1146	Knockdown of p53 by RNAi in ES cells facilitates RA-induced differentiation into muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 676-683.	2.1	13
1147	Therapeutic inhibition of hepatitis B virus surface antigen expression by RNA interference. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 820-830.	2.1	23
1148	Heme oxygenase-1-derived carbon monoxide stimulates adenosine triphosphate generation in human hepatocyte. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 898-902.	2.1	30
1149	CYP1A1-mediated mechanism for atherosclerosis induced by polycyclic aromatic hydrocarbons. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 708-712.	2.1	29
1150	RNA interference of PPAR $\beta$ using fiber-modified adenovirus vector efficiently suppresses preadipocyte-to-adipocyte differentiation in 3T3-L1 cells. <i>Gene</i> , 2005, 348, 157-165.	2.2	37
1151	Hyperlipidemic Effects of Dietary Saturated Fats Mediated through PGC-1 $\beta$ Coactivation of SREBP. <i>Cell</i> , 2005, 120, 261-273.	28.9	579
1152	Involvement of MicroRNA in AU-Rich Element-Mediated mRNA Instability. <i>Cell</i> , 2005, 120, 623-634.	28.9	787
1153	A Genetic Screen Identifies PITX1 as a Suppressor of RAS Activity and Tumorigenicity. <i>Cell</i> , 2005, 121, 849-858.	28.9	257
1154	The Human Tumor Antigen PRAME Is a Dominant Repressor of Retinoic Acid Receptor Signaling. <i>Cell</i> , 2005, 122, 835-847.	28.9	363
1155	REV1 mediated mutagenesis in base excision repair deficient mouse fibroblast. <i>DNA Repair</i> , 2005, 4, 1182-1188.	2.8	23

#	ARTICLE	IF	CITATIONS
1156	Design of shRNAs for RNAi—A lesson from pre-miRNA processing: Possible clinical applications. <i>Brain Research Bulletin</i> , 2005, 68, 115-120.	3.0	12
1157	shRNA-mediated RNA interference as a tool for genetic synthetic lethality screening in mouse embryo fibroblasts. <i>FEBS Letters</i> , 2005, 579, 199-202.	2.8	5
1158	Specific inhibition of HIV-1 replication by short hairpin RNAs targeting human cyclin T1 without inducing apoptosis. <i>FEBS Letters</i> , 2005, 579, 3100-3106.	2.8	24
1159	The therapeutic potential of RNA interference. <i>FEBS Letters</i> , 2005, 579, 5996-6007.	2.8	142
1160	Genome-wide application of RNAi to the discovery of potential drug targets. <i>FEBS Letters</i> , 2005, 579, 5988-5995.	2.8	25
1161	Approaches for chemically synthesized siRNA and vector-mediated RNAi. <i>FEBS Letters</i> , 2005, 579, 5974-5981.	2.8	170
1162	Endothelial KLF2 Links Local Arterial Shear Stress Levels to the Expression of Vascular Tone-Regulating Genes. <i>American Journal of Pathology</i> , 2005, 167, 609-618.	3.8	318
1163	Inhibition of Hepatitis B virus gene expression by single and dual small interfering RNA treatment. <i>Virus Research</i> , 2005, 112, 100-107.	2.2	46
1164	Mkp3 is a negative feedback modulator of Fgf8 signaling in the mammalian isthmus organizer. <i>Developmental Biology</i> , 2005, 277, 114-128.	2.0	58
1165	RNAi-induced targeted silencing of developmental control genes during chicken embryogenesis. <i>Developmental Biology</i> , 2005, 285, 80-90.	2.0	51
1166	Cytotoxic effects induced by oxidative stress in cultured mammalian cells and protection provided by Hsp27 expression. <i>Methods</i> , 2005, 35, 126-138.	3.8	105
1167	Down-regulation of Hsp60 expression by RNAi impairs folding of medium-chain acyl-CoA dehydrogenase wild-type and disease-associated proteins. <i>Molecular Genetics and Metabolism</i> , 2005, 85, 260-270.	1.1	36
1168	The Rac1-GEF Tiam1 Couples the NMDA Receptor to the Activity-Dependent Development of Dendritic Arbors and Spines. <i>Neuron</i> , 2005, 45, 525-538.	8.1	339
1169	Differential Roles of NR2A- and NR2B-Containing NMDA Receptors in Ras-ERK Signaling and AMPA Receptor Trafficking. <i>Neuron</i> , 2005, 46, 745-760.	8.1	438
1170	p53 Mediates Cellular Dysfunction and Behavioral Abnormalities in Huntington's Disease. <i>Neuron</i> , 2005, 47, 29-41.	8.1	437
1171	Essential Role for the PKC Target MARCKS in Maintaining Dendritic Spine Morphology. <i>Neuron</i> , 2005, 48, 77-90.	8.1	164
1172	MicroRNAs as regulators of mammalian hematopoiesis. <i>Seminars in Immunology</i> , 2005, 17, 155-165.	5.6	186
1173	Functional Assays for the Investigation of the Role of Rab GTPase Effectors in Dense Core Granule Release. <i>Methods in Enzymology</i> , 2005, 403, 57-71.	1.0	0

#	ARTICLE	IF	CITATIONS
1174	On the delivery of small interfering RNAs into mammalian cells. Expert Opinion on Drug Delivery, 2005, 2, 639-651.	5.0	70
1175	DBR1 siRNA inhibition of HIV-1 replication. Retrovirology, 2005, 2, 63.	2.0	46
1176	Stable Plasmid-based siRNA Silencing of Gene Expression in Human Embryonic Stem Cells. Stem Cells and Development, 2005, 14, 487-492.	2.1	16
1177	Application of RNA interference to study stem cell function: current status and future perspectives. Biology of the Cell, 2005, 97, 211-219.	2.0	19
1178	Nutrigenomics: The Impact of Biomics Technology on Nutrition Research. Annals of Nutrition and Metabolism, 2005, 49, 355-365.	1.9	98
1179	Angiogenin Is Translocated to the Nucleus of HeLa Cells and Is Involved in Ribosomal RNA Transcription and Cell Proliferation. Cancer Research, 2005, 65, 1352-1360.	0.9	175
1180	RNA interference-mediated control of hepatitis B virus and emergence of resistant mutant. Gastroenterology, 2005, 128, 708-716.	1.3	97
1181	Therapies for hepatitis B: Where to from here?. Gastroenterology, 2005, 128, 789-792.	1.3	8
1182	Use of Adenovirus-Delivered siRNA to Target Oncoprotein p28GANK in Hepatocellular Carcinoma. Gastroenterology, 2005, 128, 2029-2041.	1.3	93
1183	GENOME-WIDE RESPONSES TO DNA-DAMAGING AGENTS. Annual Review of Microbiology, 2005, 59, 357-377.	7.3	78
1184	Gene Silencing Using Adenoviral RNAi Vector in Vascular Smooth Muscle Cells and Cardiomyocytes. Methods in Molecular Medicine, 2005, 112, 155-172.	0.8	19
1185	Gene Silencing by a DNA Vector-Based RNAi Technology. , 2005, 309, 205-218.		34
1186	Â-Catenin regulates myogenesis by relieving I-mfa-mediated suppression of myogenic regulatory factors in P19 cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17378-17383.	7.1	45
1188	Molecular Cardiology. , 2005, , .		0
1189	Targeting Ubc9 for cancer therapy. Expert Opinion on Therapeutic Targets, 2005, 9, 1203-1216.	3.4	73
1190	siRNA Delivery In Vivo. , 2005, 309, 237-250.		13
1192	An Efficient Intrathecal Delivery of Small Interfering RNA to the Spinal Cord and Peripheral Neurons. Molecular Pain, 2005, 1, 1744-8069-1-29.	2.1	138
1193	Dissection of a DNA-damage-induced transcriptional network using a combination of microarrays, RNA interference and computational promoter analysis. Genome Biology, 2005, 6, R43.	9.6	71

#	ARTICLE	IF	CITATIONS
1194	Ranked prediction of p53 targets using hidden variable dynamic modeling. <i>Genome Biology</i> , 2006, 7, R25.	9.6	102
1197	The Application of siRNA Technology to Cancer Biology Discovery. <i>Advances in Cancer Research</i> , 2006, 96, 75-102.	5.0	26
1199	Dendritic Localization of the Translational Repressor Pumilio 2 and Its Contribution to Dendritic Stress Granules. <i>Journal of Neuroscience</i> , 2006, 26, 6496-6508.	3.6	178
1201	A conditionally replicating HIV-based vector that stably expresses an antiviral shRNA against HIV-1 replication. <i>Molecular Therapy</i> , 2006, 14, 268-275.	8.2	32
1202	A Small Interfering CD147-Targeting RNA Inhibited the Proliferation, Invasiveness, and Metastatic Activity of Malignant Melanoma. <i>Cancer Research</i> , 2006, 66, 11323-11330.	0.9	123
1203	Nucleofection of Primary Neurons. <i>Methods in Enzymology</i> , 2006, 406, 374-388.	1.0	52
1204	Conserved MicroRNA Characteristics in Mammals. <i>Oligonucleotides</i> , 2006, 16, 115-144.	2.7	56
1205	The Future of Antisense Oligonucleotides in the Treatment of Respiratory Diseases. <i>BioDrugs</i> , 2006, 20, 1-11.	4.6	13
1206	Survivin—An attractive target for RNAi in non-Hodgkin's lymphoma, Daudi cell line as a model. <i>Leukemia and Lymphoma</i> , 2006, 47, 1941-1948.	1.3	14
1207	Flavivirus Infection Activates the XBP1 Pathway of the Unfolded Protein Response To Cope with Endoplasmic Reticulum Stress. <i>Journal of Virology</i> , 2006, 80, 11868-11880.	3.4	212
1208	Suppressor of cytokine signaling 1 inhibition strategy to enhance anti-HIV vaccination. <i>Expert Review of Vaccines</i> , 2006, 5, 495-503.	4.4	6
1209	MIR-206 regulates connexin43 expression during skeletal muscle development. <i>Nucleic Acids Research</i> , 2006, 34, 5863-5871.	14.5	350
1210	Complete Reversal of ABCG2-Depending Atypical Multidrug Resistance by RNA Interference in Human Carcinoma Cells. <i>Oligonucleotides</i> , 2006, 16, 263-274.	2.7	31
1211	Proapoptotic effect of endogenous H <sub>2</sub> S on human aorta smooth muscle cells. <i>FASEB Journal</i> , 2006, 20, 553-555.	0.5	286
1212	95 Bicarbonate-rich choleresis induced by secretin in normal rat is taurocholate dependent and involves AE2 anion exchanger. <i>Journal of Hepatology</i> , 2006, 44, S42.	3.7	0
1213	Evidence for an oncogenic role of AHI-1 in Sezary syndrome, a leukemic variant of human cutaneous T-cell lymphomas. <i>Leukemia</i> , 2006, 20, 1593-1601.	7.2	29
1214	Cortactin affects cell migration by regulating intercellular adhesion and cell spreading. <i>Experimental Cell Research</i> , 2006, 312, 1658-1670.	2.6	71
1215	Integrin-dependent neuroblastoma cell adhesion and migration on laminin is regulated by expression levels of two enzymes in the O-mannosyl-linked glycosylation pathway, PomGnT1 and GnT-Vb. <i>Experimental Cell Research</i> , 2006, 312, 2837-2850.	2.6	29

#	ARTICLE	IF	CITATIONS
1216	Caveolin-1 up-regulates IGF-I receptor gene transcription in breast cancer cells via Sp1- and p53-dependent pathways. <i>Experimental Cell Research</i> , 2006, 312, 3899-3908.	2.6	27
1217	Specific short hairpin RNA-mediated inhibition of viral DNA packaging of human cytomegalovirus. <i>FEBS Letters</i> , 2006, 580, 6132-6138.	2.8	10
1218	Improved transgene expression fine-tuning in mammalian cells using a novel transcription-translation network. <i>Journal of Biotechnology</i> , 2006, 124, 732-746.	3.8	29
1219	Enhanced anti-fibrotic activity of plasmid DNA expressing small interference RNA for TGF- $\beta$ 2 type II receptor for a mouse model of obstructive nephropathy by cationized gelatin prepared from different amine compounds. <i>Journal of Controlled Release</i> , 2006, 110, 610-617.	9.9	34
1220	A signalling cascade involving PKC, Src and Cdc42 regulates podosome assembly in cultured endothelial cells in response to phorbol ester. <i>Journal of Cell Science</i> , 2006, 119, 769-781.	2.0	150
1222	Hepatitis C Virus Core Protein Is a Potent Inhibitor of RNA Silencing-Based Antiviral Response. <i>Gastroenterology</i> , 2006, 130, 883-892.	1.3	101
1223	The integrase interactor 1 (INI1) proteins facilitate Tat-mediated human immunodeficiency virus type 1 transcription. <i>Retrovirology</i> , 2006, 3, 47.	2.0	44
1224	The virion-associated incoming HIV-1 RNA genome is not targeted by RNA interference. <i>Retrovirology</i> , 2006, 3, 57.	2.0	60
1225	Lentiviral Delivery of RNAi in Hippocampal Neurons. <i>Methods in Enzymology</i> , 2006, 406, 593-605.	1.0	36
1226	Gene silencing reveals a specific function of hVps34 phosphatidylinositol 3-kinase in late versus early endosomes. <i>Journal of Cell Science</i> , 2006, 119, 1219-1232.	2.0	99
1227	RNA Interference: Its Use as Antiviral Therapy. <i>Handbook of Experimental Pharmacology</i> , 2006, , 117-150.	1.8	43
1228	The Rac Activator Tiam1 and Ras-Induced Oncogenesis. <i>Methods in Enzymology</i> , 2006, 407, 269-281.	1.0	9
1229	Designing siRNA That Distinguish between Genes That Differ by a Single Nucleotide. <i>PLoS Genetics</i> , 2006, 2, e140.	3.5	237
1230	The anti-apoptotic livin gene is an important determinant for the apoptotic resistance of non-small cell lung cancer cells. <i>Lung Cancer</i> , 2006, 54, 135-142.	2.0	51
1231	Tissue-specific RNA Interference. <i>Biotechnology and Genetic Engineering Reviews</i> , 2006, 22, 63-76.	6.2	1
1232	Genetics and biology of pancreatic ductal adenocarcinoma. <i>Genes and Development</i> , 2006, 20, 1218-1249.	5.9	1,118
1233	siRNA and isRNA: two edges of one sword. <i>Molecular Therapy</i> , 2006, 14, 463-470.	8.2	214
1234	Regulation of Insulin Gene Transcription by the Immediate-Early Growth Response Gene Egr-1. <i>Endocrinology</i> , 2006, 147, 2923-2935.	2.8	41



#	ARTICLE	IF	CITATIONS
1235	Promoting Gene Therapy: Expression Systems for Transgenes and Post-transcriptional Gene Silencing. <i>Biotechnology and Genetic Engineering Reviews</i> , 2006, 23, 71-92.	6.2	2
1236	MicroRNA-9 Controls the Expression of Granuphilin/Slp4 and the Secretory Response of Insulin-producing Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 26932-26942.	3.4	333
1237	Inhibition of Retinoblastoma Tumor Suppressor Activity by RNA Interference in Lung Cancer Lines. <i>Annals of Thoracic Surgery</i> , 2006, 82, 249-253.	1.3	4
1238	Silencing of human $\alpha$ -synuclein in vitro and in rat brain using lentiviral-mediated RNAi. <i>Experimental Neurology</i> , 2006, 198, 382-390.	4.1	152
1239	Inhibition of Na,K-ATPase-suppressive activity of translationally controlled tumor protein by sorting nexin 6. <i>FEBS Letters</i> , 2006, 580, 3558-3564.	2.8	17
1240	Caveolin-1 controls BRCA1 gene expression and cellular localization in human breast cancer cells. <i>FEBS Letters</i> , 2006, 580, 5268-5274.	2.8	25
1241	The LDL Receptor-Related Protein LRP6 Mediates Internalization and Lethality of Anthrax Toxin. <i>Cell</i> , 2006, 124, 1141-1154.	28.9	126
1242	A Lentiviral RNAi Library for Human and Mouse Genes Applied to an Arrayed Viral High-Content Screen. <i>Cell</i> , 2006, 124, 1283-1298.	28.9	1,603
1243	A Genetic Screen Implicates miRNA-372 and miRNA-373 As Oncogenes in Testicular Germ Cell Tumors. <i>Cell</i> , 2006, 124, 1169-1181.	28.9	1,186
1244	HIF-1 mediates adaptation to hypoxia by actively downregulating mitochondrial oxygen consumption. <i>Cell Metabolism</i> , 2006, 3, 187-197.	16.2	1,919
1245	Complementary action of the PGC-1 coactivators in mitochondrial biogenesis and brown fat differentiation. <i>Cell Metabolism</i> , 2006, 3, 333-341.	16.2	548
1246	RNA polymerase II mediated transcription from the polymerase III promoters in short hairpin RNA expression vector. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 540-547.	2.1	20
1247	A novel bidirectional expression system for simultaneous expression of both the protein-coding genes and short hairpin RNAs in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 1035-1042.	2.1	14
1248	Loss of Pnn expression attenuates expression levels of SR family splicing factors and modulates alternative pre-mRNA splicing in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 663-671.	2.1	15
1249	The antifibrotic effect of TGF- $\beta$ 1 siRNAs in murine model of liver cirrhosis. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 1072-1078.	2.1	49
1250	Knockdown of apolipoprotein B, an atherogenic apolipoprotein, in HepG2 cells by lentivirus-mediated siRNA. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 478-483.	2.1	16
1251	Generation of variable and fixed length siRNA from a novel siRNA expression vector. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 99-105.	2.1	0
1252	A technique to enzymatically construct libraries which express short hairpin RNA of arbitrary stem length. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 543-550.	2.1	9

#	ARTICLE	IF	CITATIONS
1253	A novel siRNA validation system for functional screening and identification of effective RNAi probes in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 707-720.	2.1	30
1254	Induction of CML28-specific cytotoxic T cell responses using co-transfected dendritic cells with CML28 DNA vaccine and SOCS1 small interfering RNA expression vector. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 200-207.	2.1	14
1255	Differentiation stage-specific analysis of gene function with inducible short hair-pin RNA in differentiating embryonic stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 669-674.	2.1	6
1256	HMG1 is dispensable for myogenesis and adipogenesis. <i>Gene</i> , 2006, 371, 59-67.	2.2	4
1257	Wnt signaling activation during bone regeneration and the role of Dishevelled in chondrocyte proliferation and differentiation. <i>Bone</i> , 2006, 39, 5-16.	2.9	108
1258	siRNA targeting LMP1-induced apoptosis in EBV-positive lymphoma cells is associated with inhibition of telomerase activity and expression. <i>Cancer Letters</i> , 2006, 232, 189-198.	7.2	47
1259	Mammalian Sir2 homolog SIRT7 is an activator of RNA polymerase I transcription. <i>Genes and Development</i> , 2006, 20, 1075-1080.	5.9	508
1260	The dialectics of cancer: A theory of the initiation and development of cancer through errors in RNAi. <i>Medical Hypotheses</i> , 2006, 66, 612-635.	1.5	18
1261	Inhibition of multiple gene expression and virus replication of HBV by stable RNA interference in 2.2.15 cells. <i>Journal of Hepatology</i> , 2006, 44, 663-670.	3.7	18
1262	Differential Roles of PKC- $\delta$ in the Regulation of Intracellular Calcium Concentration in Primary T Cells. <i>Journal of Molecular Biology</i> , 2006, 355, 347-359.	4.2	49
1263	hCLE/CGI-99, a Human Protein that Interacts with the Influenza Virus Polymerase, Is a mRNA Transcription Modulator. <i>Journal of Molecular Biology</i> , 2006, 362, 887-900.	4.2	49
1264	The Rb-Related p130 Protein Controls Telomere Lengthening through an Interaction with a Rad50-Interacting Protein, RINT-1. <i>Molecular Cell</i> , 2006, 22, 63-71.	9.7	39
1265	p53 and p21 Regulate Error-Prone DNA Repair to Yield a Lower Mutation Load. <i>Molecular Cell</i> , 2006, 22, 407-413.	9.7	118
1266	A Short Mitochondrial Form of p19ARF Induces Autophagy and Caspase-Independent Cell Death. <i>Molecular Cell</i> , 2006, 22, 463-475.	9.7	225
1267	Towards high-throughput functional target discovery in angiogenesis research. <i>Trends in Molecular Medicine</i> , 2006, 12, 44-52.	6.7	8
1268	RNAi blocks DYT1 mutant torsinA inclusions in neurons. <i>Neuroscience Letters</i> , 2006, 395, 201-205.	2.1	21
1269	The Noxa/Mcl-1 Axis Regulates Susceptibility to Apoptosis under Glucose Limitation in Dividing T Cells. <i>Immunity</i> , 2006, 24, 703-716.	14.3	161
1270	RNAi-hTERT Inhibition Hepatocellular Carcinoma Cell Proliferation via Decreasing Telomerase Activity. <i>Journal of Surgical Research</i> , 2006, 131, 143-149.	1.6	53

#	ARTICLE	IF	CITATIONS
1271	Inhibition of Anatid Herpes Virus-1 replication by small interfering RNAs in cell culture system. Virus Research, 2006, 115, 192-197.	2.2	22
1272	A robust system for RNA interference in the chicken using a modified microRNA operon. Developmental Biology, 2006, 294, 554-563.	2.0	192
1273	C-reactive protein activates the nuclear factor- $\kappa$ B pathway and induces vascular cell adhesion molecule-1 expression through CD32 in human umbilical vein endothelial cells and aortic endothelial cells. Journal of Molecular and Cellular Cardiology, 2006, 40, 412-420.	1.9	61
1274	Inhibition of PC5 expression decreases CCK secretion and increases PC2 expression. Peptides, 2006, 27, 901-904.	2.4	6
1275	Inhibition of prohormone convertase 1 (PC1) expression in cholecystokinin (CCK) expressing At-T20 cells decreased cellular content and secretion of CCK and caused a shift in molecular forms of CCK secreted. Peptides, 2006, 27, 905-910.	2.4	2
1276	Alternative N-Terminal Domains of PSD-95 and SAP97 Govern Activity-Dependent Regulation of Synaptic AMPA Receptor Function. Neuron, 2006, 51, 99-111.	8.1	209
1277	Ectopic expression of doublecortin protects adult rat progenitor cells and human glioma cells from severe oxygen and glucose deprivation. Neuroscience, 2006, 142, 739-752.	2.3	25
1278	Knockdown of mouse VCAM-1 by vector-based siRNA. Transplant Immunology, 2006, 16, 185-193.	1.2	6
1279	Short hairpin RNA loop design for the facilitation of sequence verification. BioTechniques, 2006, 40, 154-158.	1.8	1
1281	Mammalian genome targeting using site-specific recombinases. Frontiers in Bioscience - Landmark, 2006, 11, 1108.	3.0	86
1282	Inhibition of hepatitis B virus expression and replication by RNA interference in HepG2.2.15. World Journal of Gastroenterology, 2006, 12, 6046.	3.3	10
1283	RNA interference: a potential therapeutic tool for silencing splice isoforms linked to human diseases. BioTechniques, 2006, 40, S15-S22.	1.8	17
1284	Gene transfer: methods and applications. , 2006, , 661-678.		0
1285	Inhibition of Human Telomerase Reverse Transcriptase in Hep-2 Cells Using Short Hairpin RNA Expression Vectors. JAMA Otolaryngology, 2006, 132, 200.	1.2	9
1286	Short interfering RNA (siRNA): tool or therapeutic?. Clinical Science, 2006, 110, 47-58.	4.3	89
1287	LIME acts as a transmembrane adapter mediating BCR-dependent B-cell activation. Blood, 2006, 107, 1521-1527.	1.4	27
1288	Ablation of oncogenic ALK is a viable therapeutic approach for anaplastic large-cell lymphomas. Blood, 2006, 107, 689-697.	1.4	127
1289	Antiapoptotic function of Bcl-2 in mast cells is dependent on its association with heat shock protein 90 $\alpha$ . Blood, 2006, 107, 1413-1420.	1.4	51

#	ARTICLE	IF	CITATIONS
1290	Classical Hodgkin lymphoma is characterized by high constitutive expression of activating transcription factor 3 (ATF3), which promotes viability of Hodgkin/Reed-Sternberg cells. <i>Blood</i> , 2006, 107, 2536-2539.	1.4	87
1291	Requirement of the human T-cell leukemia virus (HTLV-1) tax-stimulated HIAP-1 gene for the survival of transformed lymphocytes. <i>Blood</i> , 2006, 107, 4491-4499.	1.4	57
1292	Role of endothelial heparanase in delayed-type hypersensitivity. <i>Blood</i> , 2006, 107, 3609-3616.	1.4	130
1293	RNAi-mediated silencing of prohormone convertase (PC) 5/6 expression leads to impairment in processing of cocaine- and amphetamine-regulated transcript (CART) precursor. <i>Biochemical Journal</i> , 2006, 400, 209-215.	3.7	10
1294	Oligonucleotide-Based Antiviral Strategies. <i>Handbook of Experimental Pharmacology</i> , 2006, , 261-287.	1.8	20
1295	Inhibition of AIF-1 expression by constitutive siRNA expression reduces macrophage migration, proliferation, and signal transduction initiated by atherogenic stimuli. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C1083-C1091.	4.6	100
1296	Silencing Proteins: Nanotechnological Approaches to Deliver siRNA for Cancer Therapy. , 2006, , 127-153.		0
1297	Potent and Specific Inhibition of Retrovirus Production by Coexpression of Multiple siRNAs Directed Against Different Regions of Viral Genomes. <i>Biotechnology Progress</i> , 2006, 22, 45-52.	2.6	6
1298	MDR1/P-Glycoprotein (ABCB1) as Target for RNA Interference-Mediated Reversal of Multidrug Resistance. <i>Current Drug Targets</i> , 2006, 7, 813-821.	2.1	76
1299	Protection of Renal Ischemia Injury using Combination Gene Silencing of Complement 3 and Caspase 3 Genes. <i>Transplantation</i> , 2006, 82, 1781-1786.	1.0	81
1300	Substrate Selectivity of Exportin 5 and Dicer in the Biogenesis of MicroRNAs. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2006, 71, 59-66.	1.1	152
1301	XIAP Is Related to the Chemoresistance and Inhibited Its Expression by RNA Interference Sensitize Pancreatic Carcinoma Cells to Chemotherapeutics. <i>Pancreas</i> , 2006, 32, 288-296.	1.1	34
1302	High-Throughput RNA Interference in Functional Genomics. , 2006, , 97-104.		9
1303	RNAi Based Approaches to the Treatment of Malignant Glioma. <i>Technology in Cancer Research and Treatment</i> , 2006, 5, 261-269.	1.9	34
1304	The protein kinase DYRK1A phosphorylates the splicing factor SF3b1/SAP155 at Thr434, a novel in vivo phosphorylation site. <i>BMC Biochemistry</i> , 2006, 7, 7.	4.4	78
1305	Smad7 and protein phosphatase 1alpha are critical determinants in the duration of TGF-beta/ALK1 signaling in endothelial cells. <i>BMC Cell Biology</i> , 2006, 7, 16.	3.0	50
1306	Efficient in vivo knock-down of estrogen receptor alpha: application of recombinant adenovirus vectors for delivery of short hairpin RNA. <i>BMC Biotechnology</i> , 2006, 6, 11.	3.3	7
1307	PCR-based generation of shRNA libraries from cDNAs. <i>BMC Biotechnology</i> , 2006, 6, 28.	3.3	21

#	ARTICLE	IF	CITATIONS
1308	Criteria for effective design, construction, and gene knockdown by shRNA vectors. BMC Biotechnology, 2006, 6, 7.	3.3	107
1309	Tyrosine-specific MAPK phosphatases and the control of ERK signaling in PC12 cells. Journal of Molecular Signaling, 2006, 1, 4.	0.5	15
1310	ERK1 and ERK2 mitogen-activated protein kinases affect Ras-dependent cell signaling differentially. Journal of Biology, 2006, 5, 14.	2.7	185
1311	A library of gene expression signatures to illuminate normal and pathological lymphoid biology. Immunological Reviews, 2006, 210, 67-85.	6.0	189
1312	Induction of BIMEL following growth factor withdrawal is a key event in caspase-dependent apoptosis of 661W photoreceptor cells. European Journal of Neuroscience, 2006, 24, 981-990.	2.6	13
1313	Inhibition of TGF-beta1 expression in human peritoneal mesothelial cells by pcDU6 vector-mediated TGF-beta1 shRNA. Nephrology, 2006, 11, 23-28.	1.6	3
1314	RNA interference inhibits hepatitis B virus gene expression and replication in HepG2-N10 cells. Chinese Journal of Digestive Diseases, 2006, 7, 230-236.	1.0	6
1315	Manipulating Kv4.2 identifies a specific component of hippocampal pyramidal neuron A-current that depends upon Kv4.2 expression. Journal of Neurochemistry, 2006, 99, 1207-1223.	3.9	20
1316	Extended effects of human papillomavirus 16 E6-specific short hairpin RNA on cervical carcinoma cells. International Journal of Gynecological Cancer, 2006, 16, 718-729.	2.5	17
1317	Inhibition of HPV 16 E6 oncogene expression by RNA interference in vitro and in vivo. International Journal of Gynecological Cancer, 2006, 16, 743-751.	2.5	101
1318	Enhanced radiation-mediated cell killing of human cervical cancer cells by small interference RNA silencing of ataxia telangiectasia-mutated protein. International Journal of Gynecological Cancer, 2006, 16, 1620-1630.	2.5	22
1319	Design of expression vectors for RNA interference based on miRNAs and RNA splicing. FEBS Journal, 2006, 273, 5421-5427.	4.7	93
1320	Inhibition of Bcl-2 expression by a novel tumor-specific RNA interference system increases chemosensitivity to 5-fluorouracil in Hela cells. Acta Pharmacologica Sinica, 2006, 27, 242-248.	6.1	26
1321	Treatment with Vector-expressed Small Hairpin RNAs against Ki67 RNA-induced Cell Growth Inhibition and Apoptosis in Human Renal Carcinoma Cells. Acta Biochimica Et Biophysica Sinica, 2006, 38, 254-261.	2.0	7
1322	Dynamin is Involved in Endolysosomal Cholesterol Delivery to the Endoplasmic Reticulum: Role in Cholesterol Homeostasis. Traffic, 2006, 7, 811-823.	2.7	31
1323	Recent insights into the pathogenesis of Diamond-Blackfan anaemia. British Journal of Haematology, 2006, 135, 149-157.	2.5	60
1324	Brain site-specific gene expression analysis in Alzheimer's disease patients. European Journal of Clinical Investigation, 2006, 36, 820-830.	3.4	83
1325	Comparison of bovine RNA polymerase III promoters for short hairpin RNA expression. Animal Genetics, 2006, 37, 369-372.	1.7	24

#	ARTICLE	IF	CITATIONS
1326	Therapeutic potential of RNA interference against cancer. <i>Cancer Science</i> , 2006, 97, 689-696.	3.9	220
1327	GCP-WD is a $\beta$ -tubulin targeting factor required for centrosomal and chromatin-mediated microtubule nucleation. <i>Nature Cell Biology</i> , 2006, 8, 137-147.	10.3	285
1328	The polarity protein PAR-3 and TIAM1 cooperate in dendritic spine morphogenesis. <i>Nature Cell Biology</i> , 2006, 8, 227-237.	10.3	189
1329	The human CENP-A centromeric nucleosome-associated complex. <i>Nature Cell Biology</i> , 2006, 8, 458-469.	10.3	615
1330	Anti-oncogenic role of the endoplasmic reticulum differentially activated by mutations in the MAPK pathway. <i>Nature Cell Biology</i> , 2006, 8, 1053-1063.	10.3	296
1331	Pursuing gene regulation 'logic' via RNA interference and chromatin immunoprecipitation. <i>Nature Immunology</i> , 2006, 7, 692-697.	14.5	5
1332	Intrinsic inhibition of transcription factor E2A by HLH proteins ABF-1 and Id2 mediates reprogramming of neoplastic B cells in Hodgkin lymphoma. <i>Nature Immunology</i> , 2006, 7, 207-215.	14.5	168
1333	Enhancing and confirming the specificity of RNAi experiments. <i>Nature Methods</i> , 2006, 3, 677-681.	19.0	154
1334	shRNA libraries and their use in cancer genetics. <i>Nature Methods</i> , 2006, 3, 701-706.	19.0	116
1335	Expressing short hairpin RNAs in vivo. <i>Nature Methods</i> , 2006, 3, 689-695.	19.0	63
1336	Design and cloning of lentiviral vectors expressing small interfering RNAs. <i>Nature Protocols</i> , 2006, 1, 234-240.	12.0	86
1337	Validating matrix metalloproteinases as drug targets and anti-targets for cancer therapy. <i>Nature Reviews Cancer</i> , 2006, 6, 227-239.	28.4	1,104
1338	Building mammalian signalling pathways with RNAi screens. <i>Nature Reviews Molecular Cell Biology</i> , 2006, 7, 177-187.	37.0	197
1339	RNA interference: Biology and prospects of application in biomedicine and biotechnology. <i>Molecular Biology</i> , 2006, 40, 339-354.	1.3	11
1340	RNA interference as a key to knockdown overexpressed cyclooxygenase-2 gene in tumour cells. <i>British Journal of Cancer</i> , 2006, 94, 1300-1310.	6.4	26
1341	Signal peptide peptidase is required for dislocation from the endoplasmic reticulum. <i>Nature</i> , 2006, 441, 894-897.	27.8	123
1342	Inactivation of the p53 pathway in retinoblastoma. <i>Nature</i> , 2006, 444, 61-66.	27.8	550
1343	Oncogene-induced senescence is part of the tumorigenesis barrier imposed by DNA damage checkpoints. <i>Nature</i> , 2006, 444, 633-637.	27.8	1,777

#	ARTICLE	IF	CITATIONS
1344	Regulation of AIF expression by p53. <i>Cell Death and Differentiation</i> , 2006, 13, 2140-2149.	11.2	164
1345	Small interfering RNA expression vector targeting hypoxia-inducible factor 1 alpha inhibits tumor growth in hepatobiliary and pancreatic cancers. <i>Cancer Gene Therapy</i> , 2006, 13, 131-140.	4.6	46
1346	siRNA-based approaches in cancer therapy. <i>Cancer Gene Therapy</i> , 2006, 13, 819-829.	4.6	308
1347	Blocking of N-acetylglucosaminyltransferase V induces cellular endoplasmic reticulum stress in human hepatocarcinoma 7721 cells. <i>Cell Research</i> , 2006, 16, 82-92.	12.0	9
1348	Gene silencing in <i>Xenopus laevis</i> by DNA vector-based RNA interference and transgenesis. <i>Cell Research</i> , 2006, 16, 99-105.	12.0	26
1349	A role for the Rab6 GTPase in the inactivation of the Mad2-spindle checkpoint. <i>EMBO Journal</i> , 2006, 25, 278-289.	7.8	71
1350	MAPKAPK-2-mediated LIM-kinase activation is critical for VEGF-induced actin remodeling and cell migration. <i>EMBO Journal</i> , 2006, 25, 713-726.	7.8	151
1351	Autoregulatory control of the p53 response by caspase-mediated processing of HIPK2. <i>EMBO Journal</i> , 2006, 25, 1883-1894.	7.8	69
1352	Intersectin-1L nucleotide exchange factor regulates secretory granule exocytosis by activating Cdc42. <i>EMBO Journal</i> , 2006, 25, 3494-3503.	7.8	84
1353	PRA1 promotes the intracellular trafficking and NF- $\kappa$ B signaling of EBV latent membrane protein 1. <i>EMBO Journal</i> , 2006, 25, 4120-4130.	7.8	45
1354	POT1b protects telomeres from end-to-end chromosomal fusions and aberrant homologous recombination. <i>EMBO Journal</i> , 2006, 25, 5180-5190.	7.8	107
1355	The catalytic subunit of the proteasome is engaged in the entire process of estrogen receptor-regulated transcription. <i>EMBO Journal</i> , 2006, 25, 4223-4233.	7.8	67
1356	A nestin scaffold links Cdk5/p35 signaling to oxidant-induced cell death. <i>EMBO Journal</i> , 2006, 25, 4808-4819.	7.8	150
1357	The chromatin remodelling complex WSTF-SNF2h interacts with nuclear myosin 1 and has a role in RNA polymerase I transcription. <i>EMBO Reports</i> , 2006, 7, 525-530.	4.5	154
1358	RNA interference against Hec1 inhibits tumor growth in vivo. <i>Gene Therapy</i> , 2006, 13, 1-7.	4.5	63
1359	Induction of stable RNA interference in mammalian cells. <i>Gene Therapy</i> , 2006, 13, 503-508.	4.5	65
1360	Reconstituted influenza virus envelopes as an efficient carrier system for cellular delivery of small-interfering RNAs. <i>Gene Therapy</i> , 2006, 13, 400-411.	4.5	68
1361	Prospects of RNA interference therapy for cancer. <i>Gene Therapy</i> , 2006, 13, 464-477.	4.5	322



#	ARTICLE	IF	CITATIONS
1362	Construction of folate-conjugated pRNA of bacteriophage phi29 DNA packaging motor for delivery of chimeric siRNA to nasopharyngeal carcinoma cells. <i>Gene Therapy</i> , 2006, 13, 814-820.	4.5	102
1363	Herpes simplex virus RNAi and neprilysin gene transfer vectors reduce accumulation of Alzheimer's disease-related amyloid- $\beta$ peptide in vivo. <i>Gene Therapy</i> , 2006, 13, 1068-1079.	4.5	94
1364	Intracellular-diced dsRNA has enhanced efficacy for silencing HCV RNA and overcomes variation in the viral genotype. <i>Gene Therapy</i> , 2006, 13, 883-892.	4.5	81
1365	The relationship among nephrin, podocin, CD2AP, and $\beta$ -actinin might not be a true "interaction" in podocyte. <i>Kidney International</i> , 2006, 69, 1207-1215.	5.2	33
1366	Downregulation of topoisomerase $\beta$ in myeloid leukemia cell lines leads to activation of apoptosis following all-trans retinoic acid-induced differentiation/growth arrest. <i>Leukemia</i> , 2006, 20, 1809-1818.	7.2	36
1367	Mutant p53 gain of function: reduction of tumor malignancy of human cancer cell lines through abrogation of mutant p53 expression. <i>Oncogene</i> , 2006, 25, 304-309.	5.9	188
1368	Repression of the MSP/MST-1 gene contributes to the antiapoptotic gain of function of mutant p53. <i>Oncogene</i> , 2006, 25, 359-369.	5.9	50
1369	p53 negatively regulates the expression of FAT10, a gene upregulated in various cancers. <i>Oncogene</i> , 2006, 25, 2318-2327.	5.9	61
1370	Short-term induction and long-term suppression of HPV16 oncogene silencing by RNA interference in cervical cancer cells. <i>Oncogene</i> , 2006, 25, 2094-2104.	5.9	51
1371	Induction of tetraploidy through loss of p53 and upregulation of Plk1 by human papillomavirus type-16 E6. <i>Oncogene</i> , 2006, 25, 2444-2451.	5.9	76
1372	Pleiotrophin, a candidate gene for poor tumor vasculature and in vivo neuroblastoma sensitivity to irinotecan. <i>Oncogene</i> , 2006, 25, 3150-3159.	5.9	21
1373	Siva-1 negatively regulates NF- $\kappa$ B activity: effect on T-cell receptor-mediated activation-induced cell death (AICD). <i>Oncogene</i> , 2006, 25, 3458-3462.	5.9	33
1374	S100A2 gene is a direct transcriptional target of p53 homologues during keratinocyte differentiation. <i>Oncogene</i> , 2006, 25, 3628-3637.	5.9	36
1375	Inhibition of NADPH oxidase 4 activates apoptosis via the AKT/apoptosis signal-regulating kinase 1 pathway in pancreatic cancer PANC-1 cells. <i>Oncogene</i> , 2006, 25, 3699-3707.	5.9	231
1376	Inhibition of Bax activity is crucial for the antiapoptotic function of the human papillomavirus E6 oncoprotein. <i>Oncogene</i> , 2006, 25, 4009-4015.	5.9	63
1377	Smad6 is a protein kinase X phosphorylation substrate and is required for HL-60 cell differentiation. <i>Oncogene</i> , 2006, 25, 4086-4098.	5.9	28
1378	Mouse major satellite DNA is prone to eccDNA formation via DNA Ligase IV-dependent pathway. <i>Oncogene</i> , 2006, 25, 4515-4524.	5.9	52
1379	Regulation of vimentin by SIP1 in human epithelial breast tumor cells. <i>Oncogene</i> , 2006, 25, 4975-4985.	5.9	160

#	ARTICLE	IF	CITATIONS
1380	Mortalin controls centrosome duplication via modulating centrosomal localization of p53. <i>Oncogene</i> , 2006, 25, 5377-5390.	5.9	88
1381	The LIM-only protein FHL2 is a negative regulator of E4F1. <i>Oncogene</i> , 2006, 25, 5475-5484.	5.9	40
1382	MADD/DENN splice variant of the IG20 gene is necessary and sufficient for cancer cell survival. <i>Oncogene</i> , 2006, 25, 6252-6261.	5.9	34
1383	Fundamental study of small interfering RNAs for ganglioside GD3 synthase gene as a therapeutic target of lung cancers. <i>Oncogene</i> , 2006, 25, 6924-6935.	5.9	40
1384	Alu-linked hairpins efficiently mediate RNA interference with less toxicity than do H1-expressed short hairpin RNAs. <i>Analytical Biochemistry</i> , 2006, 349, 41-48.	2.4	11
1385	RNA interference in cancer. <i>New Biotechnology</i> , 2006, 23, 17-34.	2.7	116
1386	RNA interference of <i>Xenopus</i> NMDAR NR1 in vitro and in vivo. <i>Journal of Neuroscience Methods</i> , 2006, 152, 65-73.	2.5	11
1387	Inhibitory effect of 8-oxo-7,8-dihydro-2â€²-deoxyguanosine on the growth of KG-1 myeloid sarcoma in Balb/c nude mice. <i>Leukemia Research</i> , 2006, 30, 1425-1436.	0.8	7
1388	RNAi suppression of Bax and Bak enhances viability in fed-batch cultures of CHO cells. <i>Metabolic Engineering</i> , 2006, 8, 509-522.	7.0	82
1389	6-hydroxy-nicotine-inducible multilevel transgene control in mammalian cells. <i>Metabolic Engineering</i> , 2006, 8, 543-553.	7.0	11
1390	Vector systems of RNA interference. <i>Russian Journal of Developmental Biology</i> , 2006, 37, 131-138.	0.5	0
1391	Multiple Strategies for Gene Transfer, Expression, Knockdown, and Chromatin Influence in Mammalian Cell Lines and Transgenic Animals. <i>Molecular Biotechnology</i> , 2006, 34, 337-354.	2.4	65
1392	Biophysical and Structural Characterization of Polyethylenimine-Mediated siRNA Delivery in Vitro. <i>Pharmaceutical Research</i> , 2006, 23, 1868-1876.	3.5	297
1393	Efficacy of siRNA Nanocapsules Targeted Against the EWSâ€™Flt1 Oncogene in Ewing Sarcoma. <i>Pharmaceutical Research</i> , 2006, 23, 892-900.	3.5	93
1394	shRNA Transcribed by RNA Pol II Promoter Induce RNA Interference in Mammalian Cell. <i>Molecular Biology Reports</i> , 2006, 33, 43-49.	2.3	26
1395	Mammalian Pol III Promoter H1 can Transcribe shRNA Inducing RNAi in Chicken Cells. <i>Molecular Biology Reports</i> , 2006, 33, 33-41.	2.3	8
1396	Reverse genetics for proteomics: From proteomic discovery to scientific content. <i>Journal of Neural Transmission</i> , 2006, 113, 1033-1040.	2.8	3
1397	Persistent inhibition of FLIPL expression by lentiviral small hairpin RNA delivery restores death-receptor-induced apoptosis in neuroblastoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 255-263.	4.9	26

#	ARTICLE	IF	CITATIONS
1398	A retrovirus-based system to stably silence hepatitis B virus genes by RNA interference. <i>Biotechnology Letters</i> , 2006, 28, 1679-1685.	2.2	23
1399	Suppression of Epstein-Barr nuclear antigen 1 (EBNA1) by RNA interference inhibits proliferation of EBV-positive Burkitt's lymphoma cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2006, 132, 1-8.	2.5	57
1400	Cyclooxygenase-2 (COX-2) is directly involved but not decisive in proliferation of human hepatocellular carcinoma cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2006, 132, 184-192.	2.5	15
1401	Experimental study on siRNA expressing vector-based RNA interference targeting c-Myc in human hepatocellular carcinoma cell line BEL-7402. <i>Chinese-German Journal of Clinical Oncology</i> , 2006, 5, 332-335.	0.1	2
1402	Hairpin RNA: a secondary structure of primary importance. <i>Cellular and Molecular Life Sciences</i> , 2006, 63, 901-908.	5.4	176
1403	Isoform-specific silencing of the Livin gene by RNA interference defines Livin <sup>Δ2</sup> as key mediator of apoptosis inhibition in HeLa cells. <i>Journal of Molecular Medicine</i> , 2006, 84, 232-240.	3.9	55
1404	Class-, gene-, and group-specific HLA silencing by lentiviral shRNA delivery. <i>Journal of Molecular Medicine</i> , 2006, 84, 425-437.	3.9	44
1405	Lentiviral Transduction of Human Postnatal Skeletal (Stromal, Mesenchymal) Stem Cells: In Vivo Transplantation and Gene Silencing. <i>Calcified Tissue International</i> , 2006, 78, 372-384.	3.1	29
1406	A novel strategy for cancer gene therapy: RNAi. <i>Science Bulletin</i> , 2006, 51, 1145-1151.	1.7	12
1407	Inhibition of RAW264.7 macrophage inflammatory cytokines release by small haptin RNAi targeting TLR4. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2006, 26, 500-503.	1.0	6
1408	Effects of shRNA targeting survivin on apoptosis of human retinoblastoma cell line Hxo-rb44 in vitro. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2006, 26, 614-617.	1.0	1
1409	Effect of interleukin-5 receptor- $\alpha$ short hairpin RNA-expressing vector on bone marrow eosinophilopoiesis in asthmatic mice. <i>Advances in Therapy</i> , 2006, 23, 938-956.	2.9	9
1410	Interference of EGFP RNA in human NT-2/D1 cell lines using human U6 promoter-based siRNA PCR products. <i>Biotechnology and Bioprocess Engineering</i> , 2006, 11, 273-276.	2.6	3
1411	Improvements of surgical technique in establishment of rat orthotopic pulmonary transplantation model using cuffs. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2006, 26, 99-100.	1.0	1
1412	Effect of shRNA inhibiting HIF1 $\alpha$ gene on TIMP1 expression in RPE cells. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2006, 26, 133-136.	1.0	6
1413	siRNAs against the Epstein Barr virus latency replication factor, EBNA1, inhibit its function and growth of EBV-dependent tumor cells. <i>Virology</i> , 2006, 346, 385-393.	2.4	73
1414	Inhibition of porcine circovirus type 2 replication in mice by RNA interference. <i>Virology</i> , 2006, 347, 422-433.	2.4	17
1415	siRNA targeting Vaccinia virus double-stranded RNA binding protein [E3L] exerts potent antiviral effects. <i>Virology</i> , 2006, 348, 489-497.	2.4	25

#	ARTICLE	IF	CITATIONS
1416	Stable integration of a functional shRNA expression cassette into the murine leukemia virus genome. <i>Virology</i> , 2006, 351, 218-225.	2.4	12
1417	Regulation of bcl-2 expression by Ubc9. <i>Experimental Cell Research</i> , 2006, 312, 1865-1875.	2.6	22
1418	TGF- $\beta$ 1 siRNA suppresses the tubulointerstitial fibrosis in the kidney of ureteral obstruction. <i>Experimental and Molecular Pathology</i> , 2006, 81, 48-54.	2.1	64
1419	Gain of function of mutant p53: The mutant p53/NF-Y protein complex reveals an aberrant transcriptional mechanism of cell cycle regulation. <i>Cancer Cell</i> , 2006, 10, 191-202.	16.8	386
1420	TRAF6 and Src kinase activity regulates Cot activation by IL-1. <i>Cellular Signalling</i> , 2006, 18, 1376-1385.	3.6	18
1421	Nore1B regulates TCR signaling via Ras and Carma1. <i>Cellular Signalling</i> , 2006, 18, 1647-1654.	3.6	17
1422	A simple strategy for generation of gene knockdown constructs with convergent H1 and U6 promoters. <i>European Journal of Cell Biology</i> , 2006, 85, 433-440.	3.6	8
1423	Limited contribution of claudin-5-dependent tight junction strands to endothelial barrier function. <i>European Journal of Cell Biology</i> , 2006, 85, 1131-1144.	3.6	25
1424	Expression of vector-based small interfering RNA against West Nile virus effectively inhibits virus replication. <i>Antiviral Research</i> , 2006, 72, 216-223.	4.1	25
1425	Vector-based RNAi approaches for stable, inducible and genome-wide screens. <i>Drug Discovery Today</i> , 2006, 11, 975-982.	6.4	52
1426	The BH3-only protein, PUMA, is involved in oxaliplatin-induced apoptosis in colon cancer cells. <i>Biochemical Pharmacology</i> , 2006, 71, 1540-1550.	4.4	47
1427	Experimental Study on the Suppression of Human Nuclear Receptor hLRH-1 via a Vector-based RNA Interference. <i>Journal of Genetics and Genomics</i> , 2006, 33, 26-31.	0.3	1
1428	Targeting Loss-of-Function Mutations in Tumor-Suppressor Genes as a Strategy for Development of Cancer Therapeutic Agents. <i>Seminars in Oncology</i> , 2006, 33, 513-520.	2.2	27
1429	Recognizing genes differentially regulated in vitro by the multiple endocrine neoplasia type 1 (MEN1) gene, using RNA interference and oligonucleotide microarrays. <i>Surgery</i> , 2006, 140, 921-931.	1.9	11
1430	Effective gene suppression using small interfering RNA in hard-to-transfect human T cells. <i>Journal of Immunological Methods</i> , 2006, 312, 1-11.	1.4	25
1431	Gene expression patterns associated with p53 status in breast cancer. <i>BMC Cancer</i> , 2006, 6, 276.	2.6	128
1432	Integrated siRNA design based on surveying of features associated with high RNAi effectiveness. <i>BMC Bioinformatics</i> , 2006, 7, 516.	2.6	50
1433	Stable silencing of SNAP-25 in PC12 cells by RNA interference. <i>BMC Neuroscience</i> , 2006, 7, 9.	1.9	19

#	ARTICLE	IF	CITATIONS
1434	Engineering responsiveness to cell culture stresses: Growth arrest and DNA damage gene 153 (GADD153) and the unfolded protein response (UPR) in NS0 myeloma cells. <i>Biotechnology and Bioengineering</i> , 2006, 94, 514-521.	3.3	11
1435	Targeting early apoptotic genes in batch and fed-batch CHO cell cultures. <i>Biotechnology and Bioengineering</i> , 2006, 95, 350-361.	3.3	89
1436	RNA interference of sialidase improves glycoprotein sialic acid content consistency. <i>Biotechnology and Bioengineering</i> , 2006, 95, 106-119.	3.3	88
1437	RNAi and microRNAs: From animal models to disease therapy. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2006, 78, 150-171.	3.6	20
1438	Flow cytometry for assessment of the efficacy of siRNA. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006, 69A, 1054-1061.	1.5	17
1439	Reproducible and inducible knockdown of gene expression in mice. <i>Genesis</i> , 2006, 44, 252-261.	1.6	57
1440	Knocking down PML impairs p53 signaling transduction pathway and suppresses irradiation induced apoptosis in breast carcinoma cell MCF-7. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 561-571.	2.6	15
1441	siRNA binding proteins of microglial cells: PKR is an unanticipated ligand. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 1217-1229.	2.6	38
1442	Proteasome subunit LMP2 is required for matrix metalloproteinase-2 and -9 expression and activities in human invasive extravillous trophoblast cell line. <i>Journal of Cellular Physiology</i> , 2006, 206, 616-623.	4.1	36
1443	Bicarbonate-rich choleresis induced by secretin in normal rat is taurocholate-dependent and involves AE2 anion exchanger. <i>Hepatology</i> , 2006, 43, 266-275.	7.3	93
1444	Adenovirus-mediated transfer of siRNA against PTTG1 inhibits liver cancer cell growth in vitro and in vivo. <i>Hepatology</i> , 2006, 43, 1042-1052.	7.3	125
1445	RNAi-based suppression and replacement of rds-peripherin in retinal organotypic culture. <i>Human Mutation</i> , 2006, 27, 260-268.	2.5	45
1446	TRAIL-induced cell death cooperates with IFN- $\gamma$ activation in the graft-versus-tumor effect against colon tumors. <i>International Journal of Cancer</i> , 2006, 118, 2237-2246.	5.1	13
1447	Truncated APC is required for cell proliferation and DNA replication. <i>International Journal of Cancer</i> , 2006, 119, 74-79.	5.1	34
1448	A recombinant endogenous retrovirus amplified in a mouse neuroblastoma is involved in tumor growth in vivo. <i>International Journal of Cancer</i> , 2006, 119, 815-822.	5.1	23
1449	Stable RNA interference: comparison of U6 and H1 promoters in endothelial cells and in mouse brain. <i>Journal of Gene Medicine</i> , 2006, 8, 433-441.	2.8	116
1450	Screening of siRNA target sequences by using fragmentized DNA. <i>Journal of Gene Medicine</i> , 2006, 8, 782-791.	2.8	6
1451	RNA interference for antiviral therapy. <i>Journal of Gene Medicine</i> , 2006, 8, 933-950.	2.8	33

#	ARTICLE	IF	CITATIONS
1452	Myostatin short interfering hairpin RNA gene transfer increases skeletal muscle mass. <i>Journal of Gene Medicine</i> , 2006, 8, 1171-1181.	2.8	98
1453	Prolonged down regulation of specific gene expression in nucleus pulposus cell mediated by RNA interference in vitro. <i>Journal of Orthopaedic Research</i> , 2006, 24, 1271-1278.	2.3	24
1454	Slow-channel mutation in acetylcholine receptor $\alpha$ 4 domain and its efficient knockdown. <i>Annals of Neurology</i> , 2006, 60, 128-136.	5.3	44
1455	Cyclin E1 knockdown induces apoptosis in cancer cells. <i>Neurological Research</i> , 2006, 28, 493-499.	1.3	13
1456	UVB-Induced G2 Arrest of Human Melanocytes Involves Cdc2 Sequestration by Gadd45a in Nuclear Speckles. <i>Cell Cycle</i> , 2006, 5, 1859-1864.	2.6	10
1457	A High-Throughput Loss-of-Function Screening Identifies Novel p53 Regulators. <i>Cell Cycle</i> , 2006, 5, 1880-1885.	2.6	52
1458	Stable knockdown of estrogen receptor $\alpha$ by vector-based RNA interference suppresses proliferation and enhances apoptosis in breast cancer cells. <i>Cancer Biology and Therapy</i> , 2006, 5, 842-847.	3.4	11
1459	Human Shugoshin Mediates Kinetochore-Driven Formation of Kinetochore Microtubules. <i>Cell Cycle</i> , 2006, 5, 1094-1101.	2.6	21
1460	Lentiviral Vector-Mediated Downregulation of Ornithine Decarboxylase Inhibits Tumor Cell Growth in vitro and in vivo. <i>Tumor Biology</i> , 2006, 27, 243-251.	1.8	6
1461	Low-Dose Etoposide Enhances Telomerase-Dependent Adenovirus-Mediated Cytosine Deaminase Gene Therapy through Augmentation of Adenoviral Infection and Transgene Expression in a Syngeneic Bladder Tumor Model. <i>Cancer Research</i> , 2006, 66, 9957-9966.	0.9	32
1462	A plasmid-encoded VEGF siRNA reduces glioblastoma angiogenesis and its combination with interleukin-4 blocks tumor growth in a xenograft mouse model. <i>Cancer Biology and Therapy</i> , 2006, 5, 174-179.	3.4	56
1463	Poly(ADP-RIBOSE) polymerase-1 (Parp-1) antagonizes topoisomerase I-dependent recombination stimulation by P53. <i>Nucleic Acids Research</i> , 2006, 34, 1036-1049.	14.5	24
1464	Control of small inhibitory RNA levels and RNA interference by doxycycline induced activation of a minimal RNA polymerase III promoter. <i>Nucleic Acids Research</i> , 2006, 34, e37-e37.	14.5	41
1465	Inducible microRNA expression by an all-in-one episomal vector system. <i>Nucleic Acids Research</i> , 2006, 34, e119-e119.	14.5	21
1466	Tumor inhibition by genomically integrated inducible RNAi-cassettes. <i>Nucleic Acids Research</i> , 2006, 34, 4527-4536.	14.5	31
1467	Generation of a mouse mutant by oligonucleotide-mediated gene modification in ES cells. <i>Nucleic Acids Research</i> , 2006, 34, e147-e147.	14.5	46
1468	Injection of Mammalian Metaphase II Oocytes with Short Interfering RNAs to Dissect Meiotic and Early Mitotic Events1. <i>Biology of Reproduction</i> , 2006, 75, 891-898.	2.7	21
1469	Anticancer drug development incorporating high-content screening and RNAi: synergistic approaches to improve target identification and validation. <i>Expert Opinion on Drug Discovery</i> , 2006, 1, 19-29.	5.0	1

#	ARTICLE	IF	CITATIONS
1470	Guidelines for the Selection of Effective Short-Interfering RNA Sequences for Functional Genomics. , 2007, 361, 201-216.		22
1471	The Use of RNA Interference to Analyze Protein Phosphatase Function in Mammalian Cells. , 2007, 365, 261-286.		9
1472	Expression of Growth Differentiation Factor 9 in the Oocytes Is Essential for the Development of Primordial Follicles in the Hamster Ovary. Endocrinology, 2006, 147, 1725-1734.	2.8	49
1473	Differential Recruitment of p160 Coactivators by Glucocorticoid Receptor between Schwann Cells and Astrocytes. Molecular Endocrinology, 2006, 20, 254-267.	3.7	42
1474	Inhibition of CD147 expression reduces tumor cell invasion in human prostate cancer cell line via RNA interference. Cancer Biology and Therapy, 2006, 5, 608-614.	3.4	42
1475	RNA interference as a potential antiviral. Future Virology, 2006, 1, 501-508.	1.8	0
1476	Genome-Wide Screening by Using Small-Interfering RNA Expression Libraries. , 2007, 360, 131-142.		4
1477	Hypoxia in the tumorigenesis of gliomas and as a potential target for therapeutic measures. Neurosurgical Focus, 2006, 20, E24.	2.3	69
1478	High-Content Screening of Functional Genomic Libraries. Methods in Enzymology, 2006, 414, 530-565.	1.0	19
1479	Lentivirus-mediated gene therapy by suppressing survivin in BALB/c nude mice bearing oral squamous cell carcinoma. Cancer Biology and Therapy, 2006, 5, 435-440.	3.4	50
1480	Potential Applications of RNA Interference-Based Therapeutics in the Treatment of Cardiovascular Disease. Recent Patents on Cardiovascular Drug Discovery, 2006, 1, 141-149.	1.5	6
1481	Use of Retrovirus Expression of Interfering RNA to Determine the Contribution of Activated K-Ras and Ras Effector Expression to Human Tumor Cell Growth. Methods in Enzymology, 2006, 407, 556-574.	1.0	21
1482	RNA Interference Techniques to Study Epithelial Cell Adhesion and Polarity. Methods in Enzymology, 2006, 406, 362-374.	1.0	12
1483	Transgene Expression and RNA Interference in Embryonic Stem Cells. Methods in Enzymology, 2006, 420, 49-64.	1.0	23
1484	Effect of Adenovirus-Mediated RNA Interference on Endogenous MicroRNAs in a Mouse Model of Multidrug Resistance Protein 2 Gene Silencing. Journal of Virology, 2006, 80, 12236-12247.	3.4	52
1485	Essential Notes Regarding the Design of Functional siRNAs for Efficient Mammalian RNAi. Journal of Biomedicine and Biotechnology, 2006, 2006, 1-8.	3.0	13
1486	Suppression of HIV-1 Replication by a Combination of Endonucleolytic Ribozymes (RNase P and tRNase Tj) and a Novel Ribozyme (RNase Q) Targeting the HIV-1 RNA. Journal of Virology, 2006, 80, 12248-12257.	1.1	7
1487	G-protein-coupled Receptor Agonists Activate Endogenous Phospholipase C $\alpha$ and Phospholipase C $\beta$ 3 in a Temporally Distinct Manner. Journal of Biological Chemistry, 2006, 281, 2639-2648.	3.4	76



#	ARTICLE	IF	CITATIONS
1488	Transposons for Gene Therapy!. Current Gene Therapy, 2006, 6, 593-607.	2.0	108
1489	RNA Interference and Potential Applications. Current Topics in Medicinal Chemistry, 2006, 6, 901-911.	2.1	39
1490	Treatment of Allergic Asthma by Targeting Transcription Factors Using Nucleic-Acid Based Technologies. Current Pharmaceutical Design, 2006, 12, 3293-3304.	1.9	8
1491	Up-regulation of DLK1 as an imprinted gene could contribute to human hepatocellular carcinoma. Carcinogenesis, 2006, 28, 1094-1103.	2.8	90
1492	Glucose-induced repression of PPAR $\alpha$ gene expression in pancreatic $\beta$ -cells involves PP2A activation and AMPK inactivation. Journal of Molecular Endocrinology, 2006, 36, 289-299.	2.5	82
1493	The Double-Stranded RNA Binding Protein 76:NF45 Heterodimer Inhibits Translation Initiation at the Rhinovirus Type 2 Internal Ribosome Entry Site. Journal of Virology, 2006, 80, 6936-6942.	3.4	98
1494	Gene Silencing in the Development of Personalized Cancer Treatment: The Targets, the Agents and the Delivery Systems. Current Gene Therapy, 2006, 6, 505-533.	2.0	16
1495	Nuclear mRNA Degradation Pathway(s) Are Implicated in Xist Regulation and X Chromosome Inactivation. PLoS Genetics, 2006, 2, e94.	3.5	50
1496	Role of Bone Morphogenic Protein 2 in Retinal Patterning and Retinotectal Projection. Journal of Neuroscience, 2006, 26, 10868-10878.	3.6	50
1497	Repression of the Antiapoptotic Molecule Galectin-3 by Homeodomain-Interacting Protein Kinase 2-Activated p53 Is Required for p53-Induced Apoptosis. Molecular and Cellular Biology, 2006, 26, 4746-4757.	2.3	93
1498	Stable gene silencing of synaptotagmin I in rat PC12 cells inhibits Ca <sup>2+</sup> -evoked release of catecholamine. American Journal of Physiology - Cell Physiology, 2006, 291, C270-C281.	4.6	32
1499	Contribution of p16INK4a and p21CIP1 pathways to induction of premature senescence of human endothelial cells: permissive role of p53. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1575-H1586.	3.2	95
1500	Lentiviral Transgenesis - A Versatile Tool for Basic Research and Gene Therapy. Current Gene Therapy, 2006, 6, 535-542.	2.0	40
1501	The immunophilin FKBP52 inhibits the activity of the epithelial Ca <sup>2+</sup> channel TRPV5. American Journal of Physiology - Renal Physiology, 2006, 290, F1253-F1259.	2.7	36
1502	RNA interference for $\alpha$ -ENaC inhibits rat lung fluid absorption in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L649-L660.	2.9	67
1503	BS69, a Specific Adaptor in the Latent Membrane Protein 1-Mediated c-Jun N-Terminal Kinase Pathway. Molecular and Cellular Biology, 2006, 26, 448-456.	2.3	46
1504	Uncoupling the Central Spindle-associated Function of the Chromosomal Passenger Complex from Its Role at Centromeres. Molecular Biology of the Cell, 2006, 17, 1897-1909.	2.1	69
1505	Rab22a Regulates the Sorting of Transferrin to Recycling Endosomes. Molecular and Cellular Biology, 2006, 26, 2595-2614.	2.3	80

#	ARTICLE	IF	CITATIONS
1506	The Intraflagellar Transport Protein IFT20 Is Associated with the Golgi Complex and Is Required for Cilia Assembly. <i>Molecular Biology of the Cell</i> , 2006, 17, 3781-3792.	2.1	449
1507	Multiple Oncogenic Changes (<i>K-RASV12</i>, p53 Knockdown,<i>Mutant EGFRs, p16</i>Bypass,) Tj ETQq1 1 0.784314 rgBT /Overl... Cells. <i>Cancer Research</i> , 2006, 66, 2116-2128.	0.9	247
1508	The brain-specific double-stranded RNA-binding protein Staufén2 is required for dendritic spine morphogenesis. <i>Journal of Cell Biology</i> , 2006, 172, 221-231.	5.2	95
1509	A Novel Assay for Viral MicroRNA Function Identifies a Single Nucleotide Polymorphism That Affects Drosha Processing. <i>Journal of Virology</i> , 2006, 80, 5321-5326.	3.4	135
1510	hUPF2 Silencing Identifies Physiologic Substrates of Mammalian Nonsense-Mediated mRNA Decay. <i>Molecular and Cellular Biology</i> , 2006, 26, 1272-1287.	2.3	212
1511	Induction of Heat Shock Response Protects the Heart Against Atrial Fibrillation. <i>Circulation Research</i> , 2006, 99, 1394-1402.	4.5	158
1512	Adaptor Molecule Crk Is Required for Sustained Phosphorylation of Grb2-Associated Binder 1 and Hepatocyte Growth Factorâ€“Induced Cell Motility of Human Synovial Sarcoma Cell Lines. <i>Molecular Cancer Research</i> , 2006, 4, 499-510.	3.4	55
1513	DNA damage triggers nucleotide excision repair-dependent monoubiquitylation of histone H2A. <i>Genes and Development</i> , 2006, 20, 1343-1352.	5.9	217
1514	Radial Migration of Superficial Layer Cortical Neurons Controlled by Novel Ig Cell Adhesion Molecule MDGA1. <i>Journal of Neuroscience</i> , 2006, 26, 4460-4464.	3.6	51
1515	Glucose Regulates Foxo1 Through Insulin Receptor Signaling in the Pancreatic Islet Î-cell. <i>Diabetes</i> , 2006, 55, 1581-1591.	0.6	112
1516	Zonula Occludens-1 Function in the Assembly of Tight Junctions in Madin-Darby Canine Kidney Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2006, 17, 1922-1932.	2.1	184
1517	Endocytosis of the glucose transporter GLUT8 is mediated by interaction of a dileucine motif with the Î2-adaptin subunit of the AP-2 adaptor complex. <i>Journal of Cell Science</i> , 2006, 119, 2321-2331.	2.0	36
1518	An hGCN5/TRRAP Histone Acetyltransferase Complex Co-activates BRCA1 Transactivation Function through Histone Modification. <i>Journal of Biological Chemistry</i> , 2006, 281, 20-26.	3.4	40
1519	Small Interfering RNA Screens Reveal Enhanced Cisplatin Cytotoxicity in Tumor Cells Having both BRCA Network and TP53 Disruptions. <i>Molecular and Cellular Biology</i> , 2006, 26, 9377-9386.	2.3	176
1520	Lamin A/C and emerin are critical for skeletal muscle satellite cell differentiation. <i>Genes and Development</i> , 2006, 20, 486-500.	5.9	240
1521	Targeted Comparative RNA Interference Analysis Reveals Differential Requirement of Genes Essential for Cell Proliferation. <i>Molecular Biology of the Cell</i> , 2006, 17, 4837-4845.	2.1	15
1522	Novel Pol II Fusion Promoter Directs Human Immunodeficiency Virus Type 1-Inducible Coexpression of a Short Hairpin RNA and Protein. <i>Journal of Virology</i> , 2006, 80, 1863-1873.	3.4	56
1523	Large-Scale, High-Throughput Validation of Short Hairpin RNA Sequences for RNA Interference. <i>Journal of Biomolecular Screening</i> , 2006, 11, 236-246.	2.6	8

#	ARTICLE	IF	CITATIONS
1524	Role of Megakaryoblastic Acute Leukemia-1 in ERK1/2-Dependent Stimulation of Serum Response Factor-Driven Transcription by BDNF or Increased Synaptic Activity. <i>Journal of Neuroscience</i> , 2006, 26, 10020-10032.	3.6	80
1525	Î²-catenin relieves I-mfa-mediated suppression of LEF-1 in mammalian cells. <i>Journal of Cell Science</i> , 2006, 119, 4850-4856.	2.0	13
1526	Interaction of the epidermal growth factor receptor and the DNA-dependent protein kinase pathway following gefitinib treatment. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 209-218.	4.1	96
1527	RNAi as a treatment for HIV-1 infection. <i>BioTechniques</i> , 2006, 40, S25-S29.	1.8	67
1528	New Insights into BS69 Functions*. <i>Journal of Biological Chemistry</i> , 2006, 281, 16546-16550.	3.4	38
1529	ERK1c regulates Golgi fragmentation during mitosis. <i>Journal of Cell Biology</i> , 2006, 172, 885-897.	5.2	85
1530	Silencing of HIV-1 Gene Expression by Two Types of siRNA Expression Systems. <i>Antiviral Chemistry and Chemotherapy</i> , 2006, 17, 241-249.	0.6	7
1531	Dendritic Cells Amplify T Cell-Mediated Immune Responses in the Central Nervous System. <i>Journal of Immunology</i> , 2006, 177, 7750-7760.	0.8	41
1532	Down Syndrome Candidate Region 1 Isoform 1 Mediates Angiogenesis through the Calcineurin-NFAT Pathway. <i>Molecular Cancer Research</i> , 2006, 4, 811-820.	3.4	74
1533	Adenomatous Polyposis Coli on Microtubule Plus Ends in Cell Extensions Can Promote Microtubule Net Growth with or without EB1. <i>Molecular Biology of the Cell</i> , 2006, 17, 2331-2345.	2.1	101
1534	The Interferon-inducible Ubiquitin-protein Isopeptide Ligase (E3) EFP Also Functions as an ISG15 E3 Ligase. <i>Journal of Biological Chemistry</i> , 2006, 281, 3989-3994.	3.4	238
1535	Tomosyn-1 is involved in a post-docking event required for pancreatic Î²-cell exocytosis. <i>Journal of Cell Science</i> , 2006, 119, 2912-2920.	2.0	56
1536	Gene Silencing Using RNA Interference in Embryonic Stem Cells. , 2006, 329, 233-262.		3
1537	Geldanamycins Trigger a Novel Ron Degradative Pathway, Hampering Oncogenic Signaling*. <i>Journal of Biological Chemistry</i> , 2006, 281, 21710-21719.	3.4	25
1538	PGC-1Î± controls hepatitis B virus through nutritional signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16003-16008.	7.1	96
1539	O -GlcNAc Integrates the Proteasome and Transcriptome To Regulate Nuclear Hormone Receptors. <i>Molecular and Cellular Biology</i> , 2006, 26, 8539-8550.	2.3	33
1540	Cell-Type-Specific Repression of Internal Ribosome Entry Site Activity by Double-Stranded RNA-Binding Protein 76. <i>Journal of Virology</i> , 2006, 80, 3147-3156.	3.4	69
1541	The order of expression of transcription factors directs hierarchical specification of hematopoietic lineages. <i>Genes and Development</i> , 2006, 20, 3010-3021.	5.9	251

#	ARTICLE	IF	CITATIONS
1542	Fatty Acid Transport Protein 1 Is Required for Nonshivering Thermogenesis in Brown Adipose Tissue. <i>Diabetes</i> , 2006, 55, 3229-3237.	0.6	108
1543	Gene-Specific Inhibition of Reovirus Replication by RNA Interference. <i>Journal of Virology</i> , 2006, 80, 9053-9063.	3.4	57
1544	Functional specificity of the mammalian Beclin-Vps34 PI 3-kinase complex in macroautophagy versus endocytosis and lysosomal enzyme trafficking. <i>Journal of Cell Science</i> , 2006, 119, 259-270.	2.0	305
1545	A Specific Role for AKT3 in the Genesis of Ovarian Cancer through Modulation of G2-M Phase Transition. <i>Cancer Research</i> , 2006, 66, 11718-11725.	0.9	85
1546	p38 $\beta$ Mitogen-Activated Protein Kinase Integrates Signaling Crosstalk between Ras and Estrogen Receptor to Increase Breast Cancer Invasion. <i>Cancer Research</i> , 2006, 66, 7540-7547.	0.9	50
1547	Loss of p63 Leads to Increased Cell Migration and Up-regulation of Genes Involved in Invasion and Metastasis. <i>Cancer Research</i> , 2006, 66, 7589-7597.	0.9	230
1548	Regulated ADAM10-dependent Ectodomain Shedding of $\beta$ -Protocadherin C3 Modulates Cell-Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2006, 281, 21735-21744.	3.4	94
1549	The Oxygen Sensor Factor-Inhibiting Hypoxia-Inducible Factor-1 Controls Expression of Distinct Genes through the Bifunctional Transcriptional Character of Hypoxia-Inducible Factor-1 $\alpha$ . <i>Cancer Research</i> , 2006, 66, 3688-3698.	0.9	263
1550	Androgen and Its Receptor Promote Bax-Mediated Apoptosis. <i>Molecular and Cellular Biology</i> , 2006, 26, 1908-1916.	2.3	66
1551	RNAi-mediated silencing of estrogen receptor $\beta$ in the ventromedial nucleus of hypothalamus abolishes female sexual behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10456-10460.	7.1	194
1552	Nuclear Ataxia-Telangiectasia Mutated (ATM) Mediates the Cellular Response to DNA Double Strand Breaks in Human Neuron-like Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 17482-17491.	3.4	65
1553	SEL1L, the homologue of yeast Hrd3p, is involved in protein dislocation from the mammalian ER. <i>Journal of Cell Biology</i> , 2006, 175, 261-270.	5.2	180
1554	Cdc42 GEF Tuba regulates the junctional configuration of simple epithelial cells. <i>Journal of Cell Biology</i> , 2006, 175, 135-146.	5.2	201
1555	<i>Ex vivo</i> and <i>In vivo</i> Delivery of Anti-Tissue Factor Short Interfering RNA Inhibits Mouse Pulmonary Metastasis of B16 Melanoma Cells. <i>Clinical Cancer Research</i> , 2006, 12, 4055-4061.	7.0	51
1557	Cancer Cell-Based Genomic and Small Molecule Screens. <i>Advances in Cancer Research</i> , 2006, 96, 145-173.	5.0	15
1558	CD47 Promotes Neuronal Development through Src- and FRG/Vav2-Mediated Activation of Rac and Cdc42. <i>Journal of Neuroscience</i> , 2006, 26, 12397-12407.	3.6	73
1559	Lgl mediates apical domain disassembly by suppressing the PAR-3-aPKC-PAR-6 complex to orient apical membrane polarity. <i>Journal of Cell Science</i> , 2006, 119, 2107-2118.	2.0	108
1560	Low Surface Expression of B7-1 (CD80) Is an Immunoescape Mechanism of Colon Carcinoma. <i>Cancer Research</i> , 2006, 66, 2442-2450.	0.9	129

#	ARTICLE	IF	CITATIONS
1561	Ephrin-A1 Facilitates Mammary Tumor Metastasis through an Angiogenesis-Dependent Mechanism Mediated by EphA Receptor and Vascular Endothelial Growth Factor in Mice. <i>Cancer Research</i> , 2006, 66, 10315-10324.	0.9	122
1562	LPP Expression During In Vitro Smooth Muscle Differentiation and Stent-Induced Vascular Injury. <i>Circulation Research</i> , 2006, 98, 378-385.	4.5	35
1563	Knock-Down of GFR $\alpha$ 4 Expression by RNA Interference Affects the Development of Retinal Cell Types in Three-Dimensional Histiotypic Retinal Spheres. , 2006, 47, 2716.		13
1564	Ataxia-Telangiectasia-Mutated (ATM) Protein Can Enhance Human Immunodeficiency Virus Type 1 Replication by Stimulating Rev Function. <i>Journal of Virology</i> , 2006, 80, 2445-2452.	3.4	23
1565	Derlin-2 and Derlin-3 are regulated by the mammalian unfolded protein response and are required for ER-associated degradation. <i>Journal of Cell Biology</i> , 2006, 172, 383-393.	5.2	316
1566	Arl2 and Arl3 Regulate Different Microtubule-dependent Processes. <i>Molecular Biology of the Cell</i> , 2006, 17, 2476-2487.	2.1	152
1567	Role of LIM Kinases in Normal and Psoriatic Human Epidermis. <i>Molecular Biology of the Cell</i> , 2006, 17, 1888-1896.	2.1	44
1568	Human acyl-CoA:cholesterol acyltransferase 2 gene expression in intestinal Caco-2 cells and in hepatocellular carcinoma. <i>Biochemical Journal</i> , 2006, 394, 617-626.	3.7	51
1569	Selective potentiation of Stat-dependent gene expression by collaborator of Stat6 (CoaSt6), a transcriptional cofactor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4210-4215.	7.1	94
1570	A single lentiviral vector platform for microRNA-based conditional RNA interference and coordinated transgene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 13759-13764.	7.1	306
1571	Versican G3 Domain Promotes Blood Coagulation through Suppressing the Activity of Tissue Factor Pathway Inhibitor-1. <i>Journal of Biological Chemistry</i> , 2006, 281, 8175-8182.	3.4	23
1572	Expression of CD83 Is Regulated by HuR via a Novel cis-Active Coding Region RNA Element. <i>Journal of Biological Chemistry</i> , 2006, 281, 10912-10925.	3.4	68
1573	The Natural Inverse Agonist Agouti-related Protein Induces Arrestin-mediated Endocytosis of Melanocortin-3 and -4 Receptors. <i>Journal of Biological Chemistry</i> , 2006, 281, 37447-37456.	3.4	61
1574	RNPC1, an RNA-binding protein and a target of the p53 family, is required for maintaining the stability of the basal and stress-induced p21 transcript. <i>Genes and Development</i> , 2006, 20, 2961-2972.	5.9	124
1575	RNA-Mediated Gene Silencing in Hematopoietic Cells. <i>Journal of Biomedicine and Biotechnology</i> , 2006, 1-13.	3.0	7
1576	Mechanism of Non-Capacitative Ca <sup>2+</sup> Influx in Response to Bradykinin in Vascular Endothelial Cells. <i>Journal of Vascular Research</i> , 2006, 43, 367-376.	1.4	42
1577	HURP controls spindle dynamics to promote proper interkinetochore tension and efficient kinetochore capture. <i>Journal of Cell Biology</i> , 2006, 173, 879-891.	5.2	167
1578	Different Plk1 Functions Show Distinct Dependencies on Polo-Box Domain-mediated Targeting. <i>Molecular Biology of the Cell</i> , 2006, 17, 448-459.	2.1	134

#	ARTICLE	IF	CITATIONS
1579	Centaurin-1 Is a Phosphatidylinositol 3-Kinase-dependent Activator of ERK1/2 Mitogen-activated Protein Kinases. <i>Journal of Biological Chemistry</i> , 2006, 281, 1332-1337.	3.4	34
1580	Silencing of HIV-1 Subtype C Primary Isolates by Expressed Small Hairpin RNAs Targeted to gag. <i>AIDS Research and Human Retroviruses</i> , 2006, 22, 401-410.	1.1	13
1581	E2F1 Modulates p38 MAPK Phosphorylation via Transcriptional Regulation of ASK1 and Wip1. <i>Journal of Biological Chemistry</i> , 2006, 281, 31309-31316.	3.4	50
1582	Artificial control of gene expression in mammalian cells by modulating RNA interference through aptamer-small molecule interaction. <i>Rna</i> , 2006, 12, 710-716.	3.5	127
1584	Silencing neurodegenerative disease: bringing RNA interference to the clinic. <i>Expert Review of Neurotherapeutics</i> , 2006, 6, 223-233.	2.8	12
1586	Adenovirus-Delivered Antisense RNA and shRNA Exhibit Different Silencing Efficiencies for the Endogenous Transforming Growth Factor- $\beta$ 2 (TGF- $\beta$ 2) Type II Receptor. <i>Oligonucleotides</i> , 2006, 16, 2-14.	2.7	6
1588	Survivin stable knockdown by siRNA inhibits tumor cell growth and angiogenesis in breast and cervical cancers. <i>Cancer Biology and Therapy</i> , 2006, 5, 860-866.	3.4	57
1589	An Autoregulatory Loop Directs the Tissue-Specific Expression of p63 through a Long-Range Evolutionarily Conserved Enhancer. <i>Molecular and Cellular Biology</i> , 2006, 26, 3308-3318.	2.3	73
1590	Requirement of clathrin heavy chain for p53-mediated transcription. <i>Genes and Development</i> , 2006, 20, 1087-1099.	5.9	63
1591	Serum- and Glucocorticoid-Inducible Kinase 1 (SGK1) Increases Neurite Formation through Microtubule Depolymerization by SGK1 and by SGK1 Phosphorylation of tau. <i>Molecular and Cellular Biology</i> , 2006, 26, 8357-8370.	2.3	47
1592	Role of Human Mitochondrial Nfs1 in Cytosolic Iron-Sulfur Protein Biogenesis and Iron Regulation. <i>Molecular and Cellular Biology</i> , 2006, 26, 5675-5687.	2.3	156
1593	Inhibiting the Mitochondrial Fission Machinery Does Not Prevent Bax/Bak-Dependent Apoptosis. <i>Molecular and Cellular Biology</i> , 2006, 26, 7397-7408.	2.3	215
1594	Intracellular and Trans-Synaptic Regulation of Glutamatergic Synaptogenesis by EphB Receptors. <i>Journal of Neuroscience</i> , 2006, 26, 12152-12164.	3.6	198
1595	TLR8-mediated NF- $\kappa$ B and JNK Activation Are TAK1-independent and MEKK3-dependent. <i>Journal of Biological Chemistry</i> , 2006, 281, 21013-21021.	3.4	84
1596	Complex Interplay of Activating and Inhibitory Signals Received by V $\alpha$ 9V $\beta$ 2 T Cells Revealed by Target Cell $\beta$ 2-Microglobulin Knockdown. <i>Journal of Immunology</i> , 2006, 177, 6129-6136.	0.8	24
1597	Telomerase-independent Regulation of ATR by Human Telomerase RNA. <i>Journal of Biological Chemistry</i> , 2006, 281, 40503-40514.	3.4	66
1598	The Antiapoptotic Effect of Heme Oxygenase-1 in Endothelial Cells Involves the Degradation of p38 $\alpha$ MAPK Isoform. <i>Journal of Immunology</i> , 2006, 177, 1894-1903.	0.8	99
1599	Suppression of Discoidin Domain Receptor 1 by RNA Interference Attenuates Lung Inflammation. <i>Journal of Immunology</i> , 2006, 176, 1928-1936.	0.8	38



#	ARTICLE	IF	CITATIONS
1600	p53 Mediates the Accelerated Onset of Senescence of Endothelial Progenitor Cells in Diabetes. Journal of Biological Chemistry, 2006, 281, 4339-4347.	3.4	137
1601	Gene Silencing of Virus Replication by RNA Interference. , 2006, , 151-171.		2
1602	Hypoxia-Inducible Factor-1 Inhibition in Combination with Temozolomide Treatment Exhibits Robust Antitumor Efficacy In vivo. Clinical Cancer Research, 2006, 12, 4747-4754.	7.0	48
1603	Role of fascin in filopodial protrusion. Journal of Cell Biology, 2006, 174, 863-875.	5.2	447
1604	Cyclophilin A and TRIM5 $\alpha$ Independently Regulate Human Immunodeficiency Virus Type 1 Infectivity in Human Cells. Journal of Virology, 2006, 80, 2855-2862.	3.4	97
1605	Inhibition of HIV-1 replication by RNA interference of p53 expression. Journal of Leukocyte Biology, 2006, 80, 659-667.	3.3	21
1606	RNAi-Based Knockdown of HBx mRNA in HBx-Transformed and HBV-Producing Human Liver Cells. DNA and Cell Biology, 2006, 25, 412-417.	1.9	11
1607	Silencing of HIV-1 with RNA Interference: a Multiple shRNA Approach. Molecular Therapy, 2006, 14, 883-892.	8.2	290
1608	A Partial Down-regulation of WASP Is Sufficient to Inhibit Podosome Formation in Dendritic Cells. Molecular Therapy, 2006, 13, 729-737.	8.2	44
1609	Simultaneous targeting of HCV replication and viral binding with a single lentiviral vector containing multiple RNA interference expression cassettes. Molecular Therapy, 2006, 14, 485-493.	8.2	103
1610	Engineering Mucosal RNA Interference in Vivo. Molecular Therapy, 2006, 14, 336-342.	8.2	91
1611	Optimization and Functional Effects of Stable Short Hairpin RNA Expression in Primary Human Lymphocytes via Lentiviral Vectors. Molecular Therapy, 2006, 14, 494-504.	8.2	145
1612	Effective Inhibition of HBV Replication in Vivo by Anti-HBx Short Hairpin RNAs. Molecular Therapy, 2006, 13, 411-421.	8.2	103
1613	Specific inhibition of nonsense-mediated mRNA decay components, SMG-1 or Upf1, rescues the phenotype of ullrich disease fibroblasts. Molecular Therapy, 2006, 14, 351-360.	8.2	83
1614	A positive feedback loop between the p53 and Lats2 tumor suppressors prevents tetraploidization. Genes and Development, 2006, 20, 2687-2700.	5.9	245
1615	Condensin I recruitment and uneven chromatin condensation precede mitotic cell death in response to DNA damage. Journal of Cell Biology, 2006, 174, 195-206.	5.2	22
1616	Cingulin Regulates Claudin-2 Expression and Cell Proliferation through the Small GTPase RhoA. Molecular Biology of the Cell, 2006, 17, 3569-3577.	2.1	96
1617	Differential Roles of ATM- and Chk2-Mediated Phosphorylations of Hdmx in Response to DNA Damage. Molecular and Cellular Biology, 2006, 26, 6819-6831.	2.3	82



#	ARTICLE	IF	CITATIONS
1618	A systematic search for downstream mediators of tumor suppressor function of p53 reveals a major role of BTG2 in suppression of Ras-induced transformation. <i>Genes and Development</i> , 2006, 20, 236-252.	5.9	120
1619	PR130 is a modulator of the Wnt-signaling cascade that counters repression of the antagonist Naked cuticle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5397-5402.	7.1	40
1620	Regulation of epithelial wound closure and intercellular adhesion by interaction of AF6 with actin cytoskeleton. <i>Journal of Cell Science</i> , 2006, 119, 3385-3398.	2.0	47
1621	The Human Orthologue of <i>Drosophila</i> Ecdysoneless Protein Interacts with p53 and Regulates Its Function. <i>Cancer Research</i> , 2006, 66, 7167-7175.	0.9	23
1622	GPX2, a Direct Target of p63, Inhibits Oxidative Stress-induced Apoptosis in a p53-dependent Manner. <i>Journal of Biological Chemistry</i> , 2006, 281, 7856-7862.	3.4	143
1623	Antagonizing inactivated tumor suppressor genes and activated oncogenes by a versatile transgenesis system: application in mantle cell lymphoma. <i>FASEB Journal</i> , 2006, 20, 1188-1190.	0.5	21
1624	Genes Associated with Adult Axon Regeneration Promoted by Olfactory Ensheathing Cells: A New Role for Matrix Metalloproteinase 2. <i>Journal of Neuroscience</i> , 2006, 26, 5347-5359.	3.6	97
1625	Aberrant Wnt/beta-catenin signaling can induce chromosomal instability in colon cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10747-10752.	7.1	141
1626	Protein Phosphatase 2A Stabilizes Human Securin, Whose Phosphorylated Forms Are Degraded via the SCF Ubiquitin Ligase. <i>Molecular and Cellular Biology</i> , 2006, 26, 4017-4027.	2.3	46
1627	Inhibition of Choroidal Neovascularization by Adenovirus-Mediated Delivery of Short Hairpin RNAs Targeting VEGF as a Potential Therapy for AMD. , 2006, 47, 3496.		63
1628	Induction of Nitric Oxide Synthase-Dependent Telomere Shortening after Functional Inhibition of Hsp90 in Human Tumor Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 1452-1462.	2.3	34
1629	Reduction of Cytosolic p27Kip1 Inhibits Cancer Cell Motility, Survival, and Tumorigenicity. <i>Cancer Research</i> , 2006, 66, 2162-2172.	0.9	125
1630	Targeting the Heat Shock Factor 1 by RNA Interference: A Potent Tool to Enhance Hyperthermochemotherapy Efficacy in Cervical Cancer. <i>Cancer Research</i> , 2006, 66, 7678-7685.	0.9	87
1631	A transgenic approach for RNA interference-based genetic screening in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2252-2256.	7.1	52
1632	Study of Claudin Function by RNA Interference. <i>Journal of Biological Chemistry</i> , 2006, 281, 36117-36123.	3.4	206
1633	The Human Sef-a Isoform Utilizes Different Mechanisms to Regulate Receptor Tyrosine Kinase Signaling Pathways and Subsequent Cell Fate. <i>Journal of Biological Chemistry</i> , 2006, 281, 39225-39235.	3.4	29
1634	ATM Activation by Ionizing Radiation Requires BRCA1-associated BAAT1. <i>Journal of Biological Chemistry</i> , 2006, 281, 9710-9718.	3.4	52
1635	Development of a species-specific RNA polymerase I-based shRNA expression vector. <i>Nucleic Acids Research</i> , 2006, 35, e10-e10.	14.5	12

#	ARTICLE	IF	CITATIONS
1636	Link between Mitochondria and NADPH Oxidase 1 Isozyme for the Sustained Production of Reactive Oxygen Species and Cell Death. <i>Journal of Biological Chemistry</i> , 2006, 281, 36228-36235.	3.4	166
1637	Gene Silencing by Small Regulatory RNAs in Mammalian Cells. <i>Cell Cycle</i> , 2007, 6, 444-449.	2.6	109
1638	A more efficient RNAi inducible system for tight regulation of gene expression in mammalian cells and xenograft animals. <i>Rna</i> , 2007, 13, 1375-1383.	3.5	24
1639	Unc-51-like kinase 1/2-mediated endocytic processes regulate filopodia extension and branching of sensory axons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5842-5847.	7.1	120
1640	Ganglioside GM2-Tetraspanin CD82 Complex Inhibits Met and Its Cross-talk with Integrins, Providing a Basis for Control of Cell Motility through Glycosynapse. <i>Journal of Biological Chemistry</i> , 2007, 282, 8123-8133.	3.4	130
1641	Suppression of the Sendai Virus M Protein through a Novel Short Interfering RNA Approach Inhibits Viral Particle Production but Does Not Affect Viral RNA Synthesis. <i>Journal of Virology</i> , 2007, 81, 2861-2868.	3.4	30
1642	The TGF $\beta$ 2 intracellular effector Smad3 regulates neuronal differentiation and cell fate specification in the developing spinal cord. <i>Development (Cambridge)</i> , 2007, 134, 65-75.	2.5	58
1643	BMP-9 signals via ALK1 and inhibits bFGF-induced endothelial cell proliferation and VEGF-stimulated angiogenesis. <i>Journal of Cell Science</i> , 2007, 120, 964-972.	2.0	480
1644	LIM Kinase and Slingshot Are Critical for Neurite Extension. <i>Journal of Biological Chemistry</i> , 2007, 282, 13692-13702.	3.4	113
1645	Role of Kinase Suppressor of Ras-1 in Neuronal Survival Signaling by Extracellular Signal-Regulated Kinase 1/2. <i>Journal of Neuroscience</i> , 2007, 27, 11389-11400.	3.6	27
1646	Ca <sup>2+</sup> -dependent Activator Protein for Secretion 1 Is Critical for Constitutive and Regulated Exocytosis but Not for Loading of Transmitters into Dense Core Vesicles. <i>Journal of Biological Chemistry</i> , 2007, 282, 21392-21403.	3.4	42
1647	Convergence of p53 and Transforming Growth Factor $\beta$ 2 (TGF $\beta$ 2) Signaling on Activating Expression of the Tumor Suppressor Gene maspin in Mammary Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 5661-5669.	3.4	37
1648	Alternative Splicing Yields Protein Arginine Methyltransferase 1 Isoforms with Distinct Activity, Substrate Specificity, and Subcellular Localization. <i>Journal of Biological Chemistry</i> , 2007, 282, 33009-33021.	3.4	156
1649	Poly(ADP-ribose) Polymerase 1 Is Inhibited by a Histone H2A Variant, MacroH2A, and Contributes to Silencing of the Inactive X Chromosome. <i>Journal of Biological Chemistry</i> , 2007, 282, 12851-12859.	3.4	100
1650	A Critical Role for p53 in the Control of NF- $\kappa$ B-Dependent Gene Expression in TLR4-Stimulated Dendritic Cells Exposed to Genistein. <i>Journal of Immunology</i> , 2007, 178, 5048-5057.	0.8	76
1651	Analysis of Nucleocytoplasmic Trafficking of the HuR Ligand APRIL and Its Influence on CD83 Expression. <i>Journal of Biological Chemistry</i> , 2007, 282, 4504-4515.	3.4	62
1652	The Notch Regulator MAML1 Interacts with p53 and Functions as a Coactivator. <i>Journal of Biological Chemistry</i> , 2007, 282, 11969-11981.	3.4	72
1653	Human ribosomal protein L13a is dispensable for canonical ribosome function but indispensable for efficient rRNA methylation. <i>Rna</i> , 2007, 13, 2224-2237.	3.5	69

#	ARTICLE	IF	CITATIONS
1654	Poly(ADP-Ribose) Polymerase 1 Accelerates Single-Strand Break Repair in Concert with Poly(ADP-Ribose) Glycohydrolase. <i>Molecular and Cellular Biology</i> , 2007, 27, 5597-5605.	2.3	266
1655	The dual effects of Cdh1/APC in myogenesis. <i>FASEB Journal</i> , 2007, 21, 3606-3617.	0.5	33
1656	Peroxisome Proliferator-activated Receptor (PPAR)-2 Controls Adipocyte Differentiation and Adipose Tissue Function through the Regulation of the Activity of the Retinoid X Receptor/PPAR $\alpha$ Heterodimer. <i>Journal of Biological Chemistry</i> , 2007, 282, 37738-37746.	3.4	97
1657	Analysis of the Interaction of Primate Retroviruses with the Human RNA Interference Machinery. <i>Journal of Virology</i> , 2007, 81, 12218-12226.	3.4	161
1658	Identification of Purl $\alpha$ as a New Hypoxia Response Factor Responsible for Coordinated Induction of the $\beta$ 2 Integrin Family. <i>Journal of Immunology</i> , 2007, 179, 1934-1941.	0.8	31
1659	CCAAT/Enhancer-binding Protein $\beta$ Deletion Reduces Adiposity, Hepatic Steatosis, and Diabetes in Lepr Mice. <i>Journal of Biological Chemistry</i> , 2007, 282, 15717-15729.	3.4	119
1660	Conditional brain-specific knockdown of MAPK using Cre/loxP regulated RNA interference. <i>Nucleic Acids Research</i> , 2007, 35, e90-e90.	14.5	92
1661	Inhibition of trichostatin A-induced antiangiogenesis by small-interfering RNA for thrombospondin-1. <i>Experimental and Molecular Medicine</i> , 2007, 39, 402-411.	7.7	6
1662	Acid Has Antiproliferative Effects in Nonneoplastic Barrett's Epithelial Cells. <i>American Journal of Gastroenterology</i> , 2007, 102, 10-20.	0.4	54
1663	Rapid Construction of Small Interfering RNA-Expressing Adenoviral Vectors on the Basis of Direct Cloning of Short Hairpin RNA-Coding DNAs. <i>Human Gene Therapy</i> , 2007, 18, 74-80.	2.7	12
1664	RNAi-Mediated Gene Silencing of Vascular Endothelial Growth Factor Inhibits Growth of Colorectal Cancer. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2007, 22, 841-852.	1.0	3
1665	Increasing the robustness and validity of RNAi screens. <i>Pharmacogenomics</i> , 2007, 8, 1037-1049.	1.3	28
1666	Increased Activity of Hypoxia-Inducible Factor 1 Is Associated with Early Embryonic Lethality in Commd1 Null Mice. <i>Molecular and Cellular Biology</i> , 2007, 27, 4142-4156.	2.3	107
1667	Expanding the Spectrum of Genetic Elements Transferable by Retroviral Vectors. <i>DNA and Cell Biology</i> , 2007, 26, 773-779.	1.9	2
1668	RNAi Screening for Therapeutic Targets in Human Malignancies. <i>Current Pharmaceutical Biotechnology</i> , 2007, 8, 337-343.	1.6	23
1669	Molecular therapy in the microRNA era. <i>Pharmacogenomics Journal</i> , 2007, 7, 297-304.	2.0	69
1670	Dual Role of SnoN in Mammalian Tumorigenesis. <i>Molecular and Cellular Biology</i> , 2007, 27, 324-339.	2.3	93
1671	A hybrid CMV-H1 construct improves efficiency of PEI-delivered shRNA in the mouse brain. <i>Nucleic Acids Research</i> , 2007, 35, e65-e65.	14.5	39

#	ARTICLE	IF	CITATIONS
1672	RNA. , 2007, , 95-104.		1
1673	A Novel Corepressor, BCoR-L1, Represses Transcription through an Interaction with CtBP. Journal of Biological Chemistry, 2007, 282, 15248-15257.	3.4	72
1674	A RNA Interference Screen Identifies the Protein Phosphatase 2A Subunit PR55 <sup>13</sup> as a Stress-Sensitive Inhibitor of c-SRC. PLoS Genetics, 2007, 3, e218.	3.5	40
1675	VEGF-specific Short Hairpin RNA“expressing Oncolytic Adenovirus Elicits Potent Inhibition of Angiogenesis and Tumor Growth. Molecular Therapy, 2007, 15, 295-302.	8.2	140
1676	Tripeptidyl-peptidase II Controls DNA Damage Responses and <i>in vivo</i> <sup>13</sup> Irradiation Resistance of Tumors. Cancer Research, 2007, 67, 7165-7174.	0.9	15
1677	Development of Ribozyme-Based Gene-Inactivations; The Example of the Hepatitis Delta Virus Ribozyme. Current Gene Therapy, 2007, 7, 205-216.	2.0	25
1678	A high-throughput siRNA library screen identifies osteogenic suppressors in human mesenchymal stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9673-9678.	7.1	65
1679	Reliable prediction of Drosha processing sites improves microRNA gene prediction. Bioinformatics, 2007, 23, 142-149.	4.1	118
1680	An inducible system for expression and validation of the specificity of short hairpin RNA in mammalian cells. Nucleic Acids Research, 2007, 35, e22-e22.	14.5	22
1681	RNA polymerase III transcription is repressed in response to the tumour suppressor ARF. Nucleic Acids Research, 2007, 35, 3046-3052.	14.5	19
1682	Defining the optimal parameters for hairpin-based knockdown constructs. Rna, 2007, 13, 1765-1774.	3.5	84
1683	Ionizing radiation-induced micronucleus formation is mediated by reactive oxygen species that are produced in a manner dependent on mitochondria, Nox1, and JNK. Oncology Reports, 2007, 17, 1183.	2.6	20
1684	Depletion of procathepsin D gene expression by RNA interference “ A potential therapeutic target for breast cancer. Cancer Biology and Therapy, 2007, 6, 1081-1087.	3.4	24
1685	PKC <sup>1</sup> expression contributes to the resistance of hodgkin's lymphoma cell lines to apoptosis. Cancer Biology and Therapy, 2007, 6, 1371-1376.	3.4	27
1686	RNA Interference against Urokinase in Hepatocellular Carcinoma Xenografts in Nude Mice. Tumor Biology, 2007, 28, 16-26.	1.8	14
1687	p14ARF Regulates E2F-1 Ubiquitination and Degradation via a p53-Dependent Mechanism. Cell Cycle, 2007, 6, 1741-1747.	2.6	26
1688	A Jekyll and Hyde Role of Cyclin E in the Genotoxic Stress Response: Switching from Cell Cycle Control to Apoptosis Regulation. Cell Cycle, 2007, 6, 1436-1441.	2.6	34
1689	Regulation of Proto-Oncogenic Dbl by Chaperone-Controlled, Ubiquitin-Mediated Degradation. Molecular and Cellular Biology, 2007, 27, 1809-1822.	2.3	34

#	ARTICLE	IF	CITATIONS
1690	Specific Inhibition of HBV Replication In Vitro and In Vivo With Expressed Long Hairpin RNA. <i>Molecular Therapy</i> , 2007, 15, 534-541.	8.2	80
1691	Potentiality of Small Interfering RNAs (siRNA) as Recent Therapeutic Targets for Gene-Silencing. <i>Current Drug Targets</i> , 2007, 8, 469-482.	2.1	41
1692	Functional Genomics of the Î²-Cell: Short-Chain 3-Hydroxyacyl-Coenzyme A Dehydrogenase Regulates Insulin Secretion Independent of K <sup>+</sup> Currents. <i>Molecular Endocrinology</i> , 2007, 21, 765-773.	3.7	50
1693	SPFH2 Mediates the Endoplasmic Reticulum-associated Degradation of Inositol 1,4,5-Trisphosphate Receptors and Other Substrates in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 20104-20115.	3.4	93
1694	Rapid and Stable Knockdown of an Endogenous Gene in Retinal Pigment Epithelium. <i>Human Gene Therapy</i> , 2007, 18, 871-880.	2.7	22
1695	shRNAs Targeting Hepatitis C: Effects of Sequence and Structural Features, and Comparision with siRNA. <i>Oligonucleotides</i> , 2007, 17, 223-236.	2.7	53
1696	Phi29 pRNA vector for efficient escort of hammerhead ribozyme targeting survivin in multiple cancer cells. <i>Cancer Biology and Therapy</i> , 2007, 6, 697-704.	3.4	52
1697	Inhibition of Telomerase Activity in Cancer Cells using Short Hairpin RNA Expression Vectors. <i>Cancer Investigation</i> , 2007, 25, 691-698.	1.3	12
1698	Nuclear Transcription of Long Hairpin RNA Triggers Innate Immune Responses. <i>Journal of Interferon and Cytokine Research</i> , 2007, 27, 789-798.	1.2	9
1699	Survivin Gene RNA Interference Induces Apoptosis in Human HL60 Leukemia Cell Lines. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2007, 22, 819-825.	1.0	4
1700	Lentiviralâ€“RNAâ€“Interference System Mediating Homogenous and Monitored Level of Gene Silencing in Human Embryonic Stem Cells. <i>Cloning and Stem Cells</i> , 2007, 9, 339-345.	2.6	9
1701	Cdc42 Regulates Cofilin during the Establishment of Neuronal Polarity. <i>Journal of Neuroscience</i> , 2007, 27, 13117-13129.	3.6	235
1702	Mammalian diaphanous-related formin Dia1 controls the organization of E-cadherin-mediated cell-cell junctions. <i>Journal of Cell Science</i> , 2007, 120, 3870-3882.	2.0	170
1703	Notch1 is a p53 target gene involved in human keratinocyte tumor suppression through negative regulation of ROCK1/2 and MRCKâ€“kinases. <i>Genes and Development</i> , 2007, 21, 562-577.	5.9	267
1704	Hydrophobization and bioconjugation for enhanced siRNA delivery and targeting. <i>Rna</i> , 2007, 13, 431-456.	3.5	193
1705	Cellular vitamin C increases chromate toxicity via a death program requiring mismatch repair but not p53. <i>Carcinogenesis</i> , 2007, 28, 1613-1620.	2.8	58
1706	Regulation of connexin43 gap junctional communication by phosphatidylinositol 4,5-bisphosphate. <i>Journal of Cell Biology</i> , 2007, 177, 881-891.	5.2	74
1707	Nucleophosmin suppresses oncogene-induced apoptosis and senescence and enhances oncogenic cooperation in cells with genomic instability. <i>Carcinogenesis</i> , 2007, 28, 1163-1170.	2.8	29

#	ARTICLE	IF	CITATIONS
1708	Differential Regulation of NF- $\kappa$ B by Elongation Factors Is Determined by Core Promoter Type. <i>Molecular and Cellular Biology</i> , 2007, 27, 5246-5259.	2.3	63
1709	Loss of T cell receptor-induced Bmi-1 in the KLRG1 <sup>+</sup> senescent CD8 <sup>+</sup> T lymphocyte. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13414-13419.	7.1	80
1710	Phospholipid hydroperoxide glutathione peroxidase plays a role in protecting cancer cells from docosahexaenoic acid-induced cytotoxicity. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1467-1474.	4.1	36
1711	Normal Flux through ATP-Citrate Lyase or Fatty Acid Synthase Is Not Required for Glucose-stimulated Insulin Secretion. <i>Journal of Biological Chemistry</i> , 2007, 282, 31592-31600.	3.4	65
1712	PATJ, a Tight Junction-Associated PDZ Protein, Is a Novel Degradation Target of High-Risk Human Papillomavirus E6 and the Alternatively Spliced Isoform 18 E6*. <i>Journal of Virology</i> , 2007, 81, 4080-4090.	3.4	77
1713	K-Ras Promotes Growth Transformation and Invasion of Immortalized Human Pancreatic Cells by Raf and Phosphatidylinositol 3-Kinase Signaling. <i>Cancer Research</i> , 2007, 67, 2098-2106.	0.9	197
1714	Small Interfering RNA Targeted to Hepatitis C Virus 5' Nontranslated Region Exerts Potent Antiviral Effect. <i>Journal of Virology</i> , 2007, 81, 669-676.	3.4	80
1715	The SIL Gene Is Essential for Mitotic Entry and Survival of Cancer Cells. <i>Cancer Research</i> , 2007, 67, 4022-4027.	0.9	38
1716	UTF1 is a chromatin-associated protein involved in ES cell differentiation. <i>Journal of Cell Biology</i> , 2007, 178, 913-924.	5.2	80
1717	Metallothionein Expression Is Suppressed in Primary Human Hepatocellular Carcinomas and Is Mediated through Inactivation of CCAAT/Enhancer Binding Protein $\beta$ by Phosphatidylinositol 3-Kinase Signaling Cascade. <i>Cancer Research</i> , 2007, 67, 2736-2746.	0.9	119
1718	Design of extended short hairpin RNAs for HIV-1 inhibition. <i>Nucleic Acids Research</i> , 2007, 35, 5683-5693.	14.5	89
1719	Emi1 is needed to couple DNA replication with mitosis but does not regulate activation of the mitotic APC/C. <i>Journal of Cell Biology</i> , 2007, 177, 425-437.	5.2	116
1720	CDK4 and CDK6 Delay Senescence by Kinase-Dependent and p16 INK4a -Independent Mechanisms. <i>Molecular and Cellular Biology</i> , 2007, 27, 4273-4282.	2.3	52
1721	An Organometallic Protein Kinase Inhibitor Pharmacologically Activates p53 and Induces Apoptosis in Human Melanoma Cells. <i>Cancer Research</i> , 2007, 67, 209-217.	0.9	224
1722	Functional Gene Screening System Identified TRPV4 as a Regulator of Chondrogenic Differentiation. <i>Journal of Biological Chemistry</i> , 2007, 282, 32158-32167.	3.4	191
1723	Critical Role of Calpain I in Mitochondrial Release of Apoptosis-Inducing Factor in Ischemic Neuronal Injury. <i>Journal of Neuroscience</i> , 2007, 27, 9278-9293.	3.6	274
1724	Interaction with MEK Causes Nuclear Export and Downregulation of Peroxisome Proliferator-Activated Receptor $\beta$ . <i>Molecular and Cellular Biology</i> , 2007, 27, 803-817.	2.3	156
1725	Methylation-Controlled J Protein Promotes c-Jun Degradation To Prevent ABCB1 Transporter Expression. <i>Molecular and Cellular Biology</i> , 2007, 27, 2952-2966.	2.3	55



#	ARTICLE	IF	CITATIONS
1726	RalA and RalB Function as the Critical GTP Sensors for GTP-Dependent Exocytosis. <i>Journal of Neuroscience</i> , 2007, 27, 190-202.	3.6	31
1727	Review of the Application of RNA Interference Technology in the Pharmaceutical Industry. <i>Toxicologic Pathology</i> , 2007, 35, 327-336.	1.8	21
1728	Heat Shock Factor 2 (HSF2) Contributes to Inducible Expression of hsp Genes through Interplay with HSF1. <i>Journal of Biological Chemistry</i> , 2007, 282, 7077-7086.	3.4	192
1729	A systematic analysis of the effect of target RNA structure on RNA interference. <i>Nucleic Acids Research</i> , 2007, 35, 4322-4330.	14.5	108
1730	Hepatitis B Virus Pre-S2 Mutant Surface Antigen Induces Degradation of Cyclin-Dependent Kinase Inhibitor p27Kip1 through c-Jun Activation Domain-Binding Protein 1. <i>Molecular Cancer Research</i> , 2007, 5, 1063-1072.	3.4	75
1731	Dual Role of $\alpha 6 \beta 4$ Integrin in Epidermal Tumor Growth: Tumor-suppressive Versus Tumor-promoting Function. <i>Molecular Biology of the Cell</i> , 2007, 18, 4210-4221.	2.1	49
1732	A Novel Nuclear Interactor of ARF and MDM2 (NIAM) That Maintains Chromosomal Stability. <i>Journal of Biological Chemistry</i> , 2007, 282, 1322-1333.	3.4	38
1733	Hepatitis B virus X protein enhances androgen receptor-responsive gene expression depending on androgen level. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2571-2578.	7.1	126
1734	Human Polynucleotide Kinase Participates in Repair of DNA Double-Strand Breaks by Nonhomologous End Joining but not Homologous Recombination. <i>Cancer Research</i> , 2007, 67, 6619-6625.	0.9	74
1735	Arkadia Induces Degradation of SnoN and c-Ski to Enhance Transforming Growth Factor- $\beta 2$ Signaling. <i>Journal of Biological Chemistry</i> , 2007, 282, 20492-20501.	3.4	148
1736	A conserved role for kinesin-5 in plant mitosis. <i>Journal of Cell Science</i> , 2007, 120, 2819-2827.	2.0	94
1737	Deregulation of AP-1 Proteins in Collagen Gel-induced Epithelial Cell Apoptosis Mediated by Low Substratum Rigidity. <i>Journal of Biological Chemistry</i> , 2007, 282, 752-763.	3.4	28
1738	Loss of Cdc20 Causes a Securin-Dependent Metaphase Arrest in Two-Cell Mouse Embryos. <i>Molecular and Cellular Biology</i> , 2007, 27, 3481-3488.	2.3	105
1739	The Inflammatory Cytokine Tumor Necrosis Factor- $\alpha$ Generates an Autocrine Tumor-Promoting Network in Epithelial Ovarian Cancer Cells. <i>Cancer Research</i> , 2007, 67, 585-592.	0.9	350
1740	The Role of the Ubiquitin Ligase E6-AP in Human Papillomavirus E6-mediated Degradation of PDZ Domain-containing Proteins. <i>Journal of Biological Chemistry</i> , 2007, 282, 65-71.	3.4	55
1741	DDX3 DEAD-Box RNA Helicase Is Required for Hepatitis C Virus RNA Replication. <i>Journal of Virology</i> , 2007, 81, 13922-13926.	3.4	233
1742	A distal effect of microsomal triglyceride transfer protein deficiency on the lysosomal recycling of CD1d. <i>Journal of Experimental Medicine</i> , 2007, 204, 921-928.	8.5	48
1743	Characterization of the Uracil-DNA Glycosylase Activity of Epstein-Barr Virus BKRF3 and Its Role in Lytic Viral DNA Replication. <i>Journal of Virology</i> , 2007, 81, 1195-1208.	3.4	35



#	ARTICLE	IF	CITATIONS
1744	Mutant p53 Enhances Nuclear Factor $\kappa$ B Activation by Tumor Necrosis Factor $\alpha$ in Cancer Cells. Cancer Research, 2007, 67, 2396-2401.	0.9	178
1745	Design and Evaluation of Small Interfering RNAs That Target Expression of the N-Methyl-d-aspartate Receptor NR1 Subunit Gene in the Spinal Cord Dorsal Horn. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 982-988.	2.5	36
1746	Depletion of E-Cadherin Disrupts Establishment but Not Maintenance of Cell Junctions in Madin-Darby Canine Kidney Epithelial Cells. Molecular Biology of the Cell, 2007, 18, 189-200.	2.1	235
1747	Rac1 and Rac3 have opposing functions in cell adhesion and differentiation of neuronal cells. Journal of Cell Science, 2007, 120, 555-566.	2.0	55
1748	Targeted Repression of Bone Morphogenetic Protein 7, a Novel Target of the p53 Family, Triggers Proliferative Defect in p53-Deficient Breast Cancer Cells. Cancer Research, 2007, 67, 9117-9124.	0.9	30
1749	A Preliminary Study towards Downregulation of Murine Bone Marrow Eosinophilopoiesis Mediated by Small Molecule Inhibition of Interleukin-5 Receptor $\alpha$ Gene in vitro. Respiration, 2007, 74, 320-328.	2.6	7
1750	The APC/C inhibitor, Emi1, is essential for prevention of rereplication. Genes and Development, 2007, 21, 184-194.	5.9	170
1751	Human Neuroma Contains Increased Levels of Semaphorin 3A, Which Surrounds Nerve Fibers and Reduces Neurite Extension <i>In Vitro</i> . Journal of Neuroscience, 2007, 27, 14260-14264.	3.6	37
1752	High-throughput screening using siRNA (RNAi) libraries. Expert Review of Molecular Diagnostics, 2007, 7, 281-291.	3.1	13
1753	CDK11p58 is required for the maintenance of sister chromatid cohesion. Journal of Cell Science, 2007, 120, 2424-2434.	2.0	80
1754	Effect of target secondary structure on RNAi efficiency. Rna, 2007, 13, 1631-1640.	3.5	148
1755	Mechanisms of Mitotic Cell Death Induced by Chemotherapy-Mediated G2 Checkpoint Abrogation. Cancer Research, 2007, 67, 339-345.	0.9	118
1756	Enhanced Hepatocyte Growth Factor Signaling by Type II Transforming Growth Factor- $\beta$ Receptor Knockout Fibroblasts Promotes Mammary Tumorigenesis. Cancer Research, 2007, 67, 4869-4877.	0.9	59
1757	Functional Diversity of Human Protection of Telomeres 1 Isoforms in Telomere Protection and Cellular Senescence. Cancer Research, 2007, 67, 11677-11686.	0.9	33
1758	Deficient TP53 Expression, Function, and Cisplatin Sensitivity Are Restored by Quinacrine in Head and Neck Cancer. Clinical Cancer Research, 2007, 13, 6568-6578.	7.0	55
1759	Role of Growth Factor Receptor- $\alpha$ Bound Protein 7 in Hepatocellular Carcinoma. Molecular Cancer Research, 2007, 5, 667-673.	3.4	32
1760	Functions of MUC16 in Corneal Epithelial Cells. , 2007, 48, 4509.		181
1761	Ankyrin-G and $\beta$ 2-Spectrin Collaborate in Biogenesis of Lateral Membrane of Human Bronchial Epithelial Cells. Journal of Biological Chemistry, 2007, 282, 2029-2037.	3.4	118

#	ARTICLE	IF	CITATIONS
1762	Oct4 and Sox2 Directly Regulate Expression of Another Pluripotency Transcription Factor, Zfp206, in Embryonic Stem Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 12822-12830.	3.4	59
1763	Transgenic RNAi Depletion of Claudin-16 and the Renal Handling of Magnesium. <i>Journal of Biological Chemistry</i> , 2007, 282, 17114-17122.	3.4	138
1764	Heat Shock Protein 75 (TRAP1) Antagonizes Reactive Oxygen Species Generation and Protects Cells from Granzyme M-mediated Apoptosis. <i>Journal of Biological Chemistry</i> , 2007, 282, 20553-20560.	3.4	167
1765	Leptin Protects against 6-Hydroxydopamine-induced Dopaminergic Cell Death via Mitogen-activated Protein Kinase Signaling. <i>Journal of Biological Chemistry</i> , 2007, 282, 34479-34491.	3.4	145
1766	The spinal muscular atrophy gene product regulates neurite outgrowth: importance of the C terminus. <i>FASEB Journal</i> , 2007, 21, 1492-1502.	0.5	58
1767	Abl Tyrosine Kinase Promotes Dorsal Ruffles but Restrains Lamellipodia Extension during Cell Spreading on Fibronectin. <i>Molecular Biology of the Cell</i> , 2007, 18, 4143-4154.	2.1	24
1768	Induction of Antiviral Cytidine Deaminases Does Not Explain the Inhibition of Hepatitis B Virus Replication by Interferons. <i>Journal of Virology</i> , 2007, 81, 10588-10596.	3.4	49
1769	Lentiviral Strategies for RNAi Knockdown of Neuronal Genes. <i>Current Protocols in Neuroscience</i> , 2007, 39, Unit 5.26.	2.6	7
1770	Part B: RNA Interference in Human Embryonic Stem Cells. , 0, , 367-375.		0
1771	Transgenic RNA Interference in Mice. <i>Physiology</i> , 2007, 22, 161-166.	3.1	31
1772	Overcoming the classical multidrug resistance phenotype by adenoviral delivery of anti-MDR1 short hairpin RNAs and ribozymes. <i>International Journal of Oncology</i> , 2007, 31, 419.	3.3	15
1773	RNA Interference: The Next Gene-Targeted Medicine. , 0, , 1109-1147.		0
1775	Visualization of Biological Data. , 0, , 1573-1626.		1
1776	Requirement of Apaf-1 for mitochondrial events and the cleavage or activation of all procaspases during genotoxic stress-induced apoptosis. <i>Biochemical Journal</i> , 2007, 405, 115-122.	3.7	27
1777	The adaptor protein Lad associates with the G protein $\beta^2$ subunit and mediates chemokine-dependent T-cell migration. <i>Blood</i> , 2007, 109, 5122-5128.	1.4	21
1778	Dissecting the role of endothelial SURVIVIN $\beta^{\text{Ex3}}$ in angiogenesis. <i>Blood</i> , 2007, 109, 1479-1489.	1.4	37
1779	Differential Noxa/Mcl-1 balance in peripheral versus lymph node chronic lymphocytic leukemia cells correlates with survival capacity. <i>Blood</i> , 2007, 109, 1660-1668.	1.4	147
1780	STAT3 and MAPK signaling maintain overexpression of heat shock proteins $\beta^{\text{Hsc70}}$ and $\beta^{\text{Hsc90}}$ in multiple myeloma cells, which critically contribute to tumor-cell survival. <i>Blood</i> , 2007, 109, 720-728.	1.4	132

#	ARTICLE	IF	CITATIONS
1781	Knock-down of P-glycoprotein reverses taxol resistance in ovarian cancer multicellular spheroids. <i>Oncology Reports</i> , 2007, , .	2.6	13
1782	PC cell-derived growth factor overexpression promotes proliferation and survival of laryngeal carcinoma. <i>Anti-Cancer Drugs</i> , 2007, 18, 29-40.	1.4	13
1783	Significant change in insulin production, glucose tolerance and ER stress signaling in transgenic mice coexpressing insulin-siRNA and human IDE. <i>International Journal of Molecular Medicine</i> , 2007, , .	4.0	4
1784	Microarray analysis of insulin-regulated gene expression in the liver: The use of transgenic mice co-expressing insulin-siRNA and human IDE as an animal model. <i>International Journal of Molecular Medicine</i> , 2007, , .	4.0	3
1785	A novel RNA silencing vector to improve antigen expression and stability in Chinese hamster ovary cells. <i>Vaccine</i> , 2007, 25, 4103-4111.	3.8	17
1786	Vaccinia virus double-stranded RNA-binding protein E3 does not interfere with siRNA-mediated gene silencing in mammalian cells. <i>Virus Research</i> , 2007, 126, 1-8.	2.2	14
1787	Analysis of kinetochore assembly and function in <i>Caenorhabditis elegans</i> embryos and human cells. <i>Methods</i> , 2007, 41, 177-189.	3.8	6
1788	Selective degradation of transcripts in mammalian oocytes and embryos. <i>Theriogenology</i> , 2007, 68, S107-S115.	2.1	12
1789	Characterization and Comparison of Chicken U6 Promoters for the Expression of Short Hairpin RNAs. <i>Animal Biotechnology</i> , 2007, 18, 153-162.	1.5	40
1790	Construction of Simple and Efficient DNA Vector-Based Short Hairpin RNA Expression Systems for Specific Gene Silencing in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2007, 408, 223-241.	0.9	18
1791	Lentiviral vector-mediated RNAi and its use for cancer research. <i>Future Oncology</i> , 2007, 3, 655-664.	2.4	30
1792	Conditional RNA interference achieved by Oct-1 POU/rtTA fusion protein activator and a modified TRE-mouse U6 promoter. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 906-912.	2.1	5
1793	Dual silencing of the EGF and type 1 IGF receptors suggests dominance of IGF signaling in human breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 700-706.	2.1	24
1794	Î² Cell cytoprotection using lentiviral vector-based iNOS-specific shRNA delivery. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 75-80.	2.1	12
1795	Characterization of transcriptional regulatory domains of ankyrin repeat cofactor-1. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 1034-1040.	2.1	45
1796	Optimization of short hairpin RNA for lentiviral-mediated RNAi against WAS. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 498-503.	2.1	7
1797	Down-regulation of MUC1 in cancer cells inhibits cell migration by promoting E-cadherin/catenin complex formation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 740-746.	2.1	65
1798	Signaling adaptor protein Crk is indispensable for malignant feature of glioblastoma cell line KMG4. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 976-981.	2.1	38

#	ARTICLE	IF	CITATIONS
1799	Chemically modified siRNA prolonged RNA interference in renal disease. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 432-437.	2.1	40
1800	Embryonic adhesion is not affected by endometrial leptin receptor gene silencing. <i>Fertility and Sterility</i> , 2007, 88, 1086-1092.	1.0	10
1801	PRAK Is Essential for ras-Induced Senescence and Tumor Suppression. <i>Cell</i> , 2007, 128, 295-308.	28.9	286
1802	Analysis of DNA repair and recombination responses in mouse cells depleted for Brca2 by SiRNA. <i>DNA Repair</i> , 2007, 6, 809-817.	2.8	14
1803	p53 promotes the fidelity of DNA end-joining activity by, in part, enhancing the expression of heterogeneous nuclear ribonucleoprotein G. <i>DNA Repair</i> , 2007, 6, 830-840.	2.8	30
1804	Selection and validation of optimal siRNA target sites for RNAi-mediated gene silencing. <i>Gene</i> , 2007, 395, 160-169.	2.2	73
1805	Differential expression of Rac1 identifies its target genes and its contribution to progression of colorectal cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 2289-2302.	2.8	27
1806	Inhibition of CD147 gene expression via RNA interference reduces tumor cell invasion, tumorigenicity and increases chemosensitivity to paclitaxel in HO-8910pm cells. <i>Cancer Letters</i> , 2007, 248, 211-218.	7.2	70
1807	NAD Kinase Levels Control the NADPH Concentration in Human Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 33562-33571.	3.4	157
1808	Mitochondrial bioenergetics and structural network organization. <i>Journal of Cell Science</i> , 2007, 120, 838-848.	2.0	542
1809	Combining siRNAs at Two Different Sites in the EGFR to Suppress its Expression, Induce Apoptosis, and Enhance 5-Fluorouracil Sensitivity of Colon Cancer Cells. <i>Journal of Surgical Research</i> , 2007, 138, 56-63.	1.6	16
1810	Potential involvement of the cyclooxygenase-2 pathway in hepatocellular carcinoma-associated angiogenesis. <i>Life Sciences</i> , 2007, 80, 484-492.	4.3	30
1811	RNA interference: Implications for cancer treatment. <i>Molecular Aspects of Medicine</i> , 2007, 28, 143-166.	6.4	60
1812	RNA interference as a novel and powerful tool in immunopharmacological research. <i>International Immunopharmacology</i> , 2007, 7, 417-426.	3.8	15
1813	GCSF receptor regulates antigen uptake and expression of cytokines and costimulatory molecules in dendritic cells. <i>Molecular Immunology</i> , 2007, 44, 521-529.	2.2	11
1814	Identification of differential proteins in nasopharyngeal carcinoma cells with p53 silence by proteome analysis. <i>FEBS Letters</i> , 2007, 581, 131-139.	2.8	34
1815	SVHâ€B interacts directly with p53 and suppresses the transcriptional activity of p53. <i>FEBS Letters</i> , 2007, 581, 4943-4948.	2.8	14
1816	The E3 ligase Topors induces the accumulation of polysumoylated forms of DNA topoisomerase I in vitro and in vivo. <i>FEBS Letters</i> , 2007, 581, 5418-5424.	2.8	37

#	ARTICLE	IF	CITATIONS
1817	Stable inhibition of hepatitis B virus expression and replication in HepG2.2.15 cells by RNA interference based on retrovirus delivery. <i>Journal of Biotechnology</i> , 2007, 128, 32-40.	3.8	17
1818	Baculovirus-mediated gene silencing in insect cells using intracellularly produced long double-stranded RNA. <i>Journal of Biotechnology</i> , 2007, 128, 226-236.	3.8	15
1819	Construction of equalized short hairpin RNA library from human brain cDNA. <i>Journal of Biotechnology</i> , 2007, 128, 477-485.	3.8	3
1820	RNA Interference Mediated Suppression and Replacement of Human Rhodopsin In Vivo. <i>American Journal of Human Genetics</i> , 2007, 81, 127-135.	6.2	169
1821	Effects of JC Virus Infection on Anti-Apoptotic Protein Survivin in Progressive Multifocal Leukoencephalopathy. <i>American Journal of Pathology</i> , 2007, 170, 1291-1304.	3.8	42
1822	Functional genetic screens to identify cancer relevant genes. <i>European Journal of Cancer, Supplement</i> , 2007, 5, 404-405.	2.2	0
1823	Modeling inflammatory bowel disease: the zebrafish as a way forward. <i>Expert Review of Molecular Diagnostics</i> , 2007, 7, 177-193.	3.1	11
1824	Characterization of a negative transcriptional element in the BRCA1 promoter. <i>Breast Cancer Research</i> , 2007, 9, R49.	5.0	14
1825	Pigs taking wing with transposons and recombinases. <i>Genome Biology</i> , 2007, 8, S13.	9.6	35
1826	RNA Interference in Mice. , 2007, , 149-176.		26
1827	Gene Function Analysis. <i>Methods in Molecular Biology</i> , 2007, 408, vii-ix.	0.9	2
1829	Functional Genomics of the Chicken A Model Organism. <i>Poultry Science</i> , 2007, 86, 2059-2094.	3.4	95
1830	Protocols for Expression and Functional Analysis of Viral MicroRNAs. <i>Methods in Enzymology</i> , 2007, 427, 229-243.	1.0	6
1831	The Proteomic Reactor Facilitates the Analysis of Affinity-Purified Proteins by Mass Spectrometry: Application for Identifying Ubiquitinated Proteins in Human Cells. <i>Journal of Proteome Research</i> , 2007, 6, 298-305.	3.7	37
1832	Assigning functions to genes the main challenge of the post-genomics era. , 2007, 159, 115-129.		7
1833	Artificial MicroRNA-Mediated Virus Resistance in Plants. <i>Journal of Virology</i> , 2007, 81, 6690-6699.	3.4	312
1834	Novel strategies for Alzheimer's disease treatment. <i>Expert Opinion on Biological Therapy</i> , 2007, 7, 1853-1867.	3.1	26
1835	Targeting neurological disease with RNAi. <i>Molecular BioSystems</i> , 2007, 3, 773.	2.9	15

#	ARTICLE	IF	CITATIONS
1836	Primer extension-based method for the generation of a siRNA/miRNA expression vector. <i>Physiological Genomics</i> , 2007, 31, 554-562.	2.3	28
1837	Telomerase Inhibition. <i>Methods in Molecular Biology</i> , 2007, , .	0.9	1
1838	RNA as a Versatile and Powerful Platform for Engineering Genetic Regulatory Tools. <i>Biotechnology and Genetic Engineering Reviews</i> , 2007, 24, 311-346.	6.2	25
1839	Cancer-derived p53 mutants suppress p53-target gene expression–potential mechanism for gain of function of mutant p53. <i>Nucleic Acids Research</i> , 2007, 35, 2093-2104.	14.5	123
1840	RNAi and Gene Therapy: A Mutual Attraction. <i>Hematology American Society of Hematology Education Program</i> , 2007, 2007, 473-481.	2.5	75
1841	Dumbbell-Shaped Nanocircular RNAs for RNA Interference. <i>Journal of the American Chemical Society</i> , 2007, 129, 15108-15109.	13.7	82
1842	Suppression of PPAR- $\beta$ attenuates insulin-stimulated glucose uptake by affecting both GLUT1 and GLUT4 in 3T3-L1 adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E219-E227.	3.5	111
1843	Adenovirus expressing shRNA to IGF-1R enhances the chemosensitivity of lung cancer cell lines by blocking IGF-1 pathway. <i>Lung Cancer</i> , 2007, 55, 279-286.	2.0	23
1844	Disruption of the mouse protein Ser/Thr phosphatase 2C $\beta$ gene leads to early pre-implantation lethality. <i>Mechanisms of Development</i> , 2007, 124, 489-499.	1.7	28
1845	Generation of shRNAs from randomized oligonucleotides. <i>Biological Procedures Online</i> , 2007, 9, 9-17.	2.9	7
1846	Role of PP2C $\beta$ in cell growth, in radio- and chemosensitivity, and in tumorigenicity. <i>Molecular Cancer</i> , 2007, 6, 65.	19.2	30
1847	Human Polycomb group EED protein negatively affects HIV-1 assembly and release. <i>Retrovirology</i> , 2007, 4, 37.	2.0	10
1848	A Cassette System to Study Embryonic Stem Cell Differentiation by Inducible RNA Interference. <i>Stem Cells</i> , 2007, 25, 1178-1185.	3.2	11
1849	Molecular Analysis of LEFTY-Expressing Cells in Early Human Embryoid Bodies. <i>Stem Cells</i> , 2007, 25, 465-472.	3.2	36
1850	Experimental Study Enhancing the Chemosensitivity of Multiple Myeloma to Melphalan by Using a Tissue-Specific APE1-Silencing RNA Expression Vector. <i>Clinical Lymphoma and Myeloma</i> , 2007, 7, 296-304.	1.4	26
1851	Retrovirus-Mediated RNA Interference. <i>Methods in Molecular Biology</i> , 2007, 405, 39-46.	0.9	4
1852	The Silencing Approach of the Hypoxia- $\alpha$ 1 Signaling Pathway. <i>Methods in Enzymology</i> , 2007, 435, 107-121.	1.0	2
1853	RNA Interference and microRNA. , 0, , 113-144.		0

#	ARTICLE	IF	CITATIONS
1854	Interferon: The 50th Anniversary. Current Topics in Microbiology and Immunology, 2007, , .	1.1	11
1855	Efficient Construction of an Inverted Minimal H1 Promoter Driven siRNA Expression Cassette: Facilitation of Promoter and siRNA Sequence Exchange. PLoS ONE, 2007, 2, e767.	2.5	1
1856	Overcoming HIV-1 resistance to RNA interference. Frontiers in Bioscience - Landmark, 2007, 12, 3104.	3.0	13
1857	pHYPER, a shRNA vector for high-efficiency RNA interference in embryonic stem cells. BioTechniques, 2007, 42, 738-743.	1.8	11
1861	Multi-gene engineering: Simultaneous expression and knockdown of six genes off a single platform. Biotechnology and Bioengineering, 2007, 96, 821-834.	3.3	32
1862	Selective cytotoxicity of benzyl isothiocyanate in the proliferating fibroblastoid cells. International Journal of Cancer, 2007, 120, 484-492.	5.1	33
1863	SFRP1 suppressed hepatoma cells growth through Wnt canonical signaling pathway. International Journal of Cancer, 2007, 121, 1028-1035.	5.1	88
1864	Osterix is a key target for mechanical signals in human thoracic ligament flavum cells. Journal of Cellular Physiology, 2007, 211, 577-584.	4.1	47
1865	Targeted gene delivery to differentiated skeletal muscle: A tool to study dedifferentiation. Developmental Dynamics, 2007, 236, 481-488.	1.8	7
1866	Targeted inhibition of HBV gene expression by single-chain antibody mediated small interfering RNA delivery. Hepatology, 2007, 46, 84-94.	7.3	45
1867	Trop-1 are conserved growth stimulatory molecules that mark early stages of tumor progression. Cancer, 2007, 110, 452-464.	4.1	24
1868	Development of strategies for conditional RNA interference. Journal of Gene Medicine, 2007, 9, 287-298.	2.8	9
1869	A tightly regulated and reversibly inducible siRNA expression system for conditional RNAi-mediated gene silencing in mammalian cells. Journal of Gene Medicine, 2007, 9, 620-634.	2.8	19
1870	Lentiviral vectors that carry anti-HIV shRNAs: problems and solutions. Journal of Gene Medicine, 2007, 9, 743-750.	2.8	62
1871	A novel approach for the construction of multiple shRNA expression vectors. Journal of Gene Medicine, 2007, 9, 751-763.	2.8	43
1872	Down-regulation of cold-inducible RNA-binding protein does not improve hypothermic growth of Chinese hamster ovary cells producing erythropoietin. Metabolic Engineering, 2007, 9, 208-216.	7.0	17
1873	Influence of co-down-regulation of caspase-3 and caspase-7 by siRNAs on sodium butyrate-induced apoptotic cell death of Chinese hamster ovary cells producing thrombopoietin. Metabolic Engineering, 2007, 9, 452-464.	7.0	68
1874	RNAi gene silencing using cerasome as a viral-size siRNA-carrier free from fusion and cross-linking. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3935-3938.	2.2	23



#	ARTICLE	IF	CITATIONS
1875	Vector-based RNAi approach to isoform-specific downregulation of vascular endothelial growth factor (VEGF)165 expression in human leukemia cells. <i>Leukemia Research</i> , 2007, 31, 515-521.	0.8	23
1876	pHUSH: a single vector system for conditional gene expression. <i>BMC Biotechnology</i> , 2007, 7, 61.	3.3	39
1877	Comparison of chicken 7SK and U6 RNA polymerase III promoters for short hairpin RNA expression. <i>BMC Biotechnology</i> , 2007, 7, 79.	3.3	25
1878	Is gene therapy a good therapeutic approach for HIV-positive patients?. <i>Genetic Vaccines and Therapy</i> , 2007, 5, 5.	1.5	3
1879	Dual roles of the transmembrane protein p23/TMP21 in the modulation of amyloid precursor protein metabolism. <i>Molecular Neurodegeneration</i> , 2007, 2, 4.	10.8	68
1880	Prostate cancer cells tolerate a narrow range of androgen receptor expression and activity. <i>Prostate</i> , 2007, 67, 1801-1815.	2.3	27
1881	Regulation of TRAIL-induced apoptosis by XIAP in pancreatic carcinoma cells. <i>Oncogene</i> , 2007, 26, 248-257.	5.9	106
1882	IFITM1 plays an essential role in the antiproliferative action of interferon- $\beta$ . <i>Oncogene</i> , 2007, 26, 594-603.	5.9	117
1883	MUC1 is a novel regulator of ErbB1 receptor trafficking. <i>Oncogene</i> , 2007, 26, 1693-1701.	5.9	96
1884	Cell cycle regulation of the human Six1 homeoprotein is mediated by APCCdh1. <i>Oncogene</i> , 2007, 26, 3406-3414.	5.9	32
1885	SMAC/Diablo mediates the proapoptotic function of PUMA by regulating PUMA-induced mitochondrial events. <i>Oncogene</i> , 2007, 26, 4189-4198.	5.9	74
1886	p53 downstream target DDA3 is a novel microtubule-associated protein that interacts with end-binding protein EB3 and activates $\beta$ -catenin pathway. <i>Oncogene</i> , 2007, 26, 4928-4940.	5.9	49
1887	Apoptosis and differentiation of human embryonic stem cells induced by sustained activation of c-Myc. <i>Oncogene</i> , 2007, 26, 5564-5576.	5.9	74
1888	Cyclin B2 suppresses mitotic failure and DNA re-replication in human somatic cells knocked down for both cyclins B1 and B2. <i>Oncogene</i> , 2007, 26, 7175-7184.	5.9	42
1889	The proteasome is involved in determining differential utilization of double-strand break repair pathways. <i>Oncogene</i> , 2007, 26, 7601-7606.	5.9	56
1890	RNA interference against viruses: strike and counterstrike. <i>Nature Biotechnology</i> , 2007, 25, 1435-1443.	17.5	266
1891	Impaired microRNA processing enhances cellular transformation and tumorigenesis. <i>Nature Genetics</i> , 2007, 39, 673-677.	21.4	1,351
1892	Genome-wide resources of endoribonuclease-prepared short interfering RNAs for specific loss-of-function studies. <i>Nature Methods</i> , 2007, 4, 337-344.	19.0	167

#	ARTICLE	IF	CITATIONS
1893	TRPC channels promote cerebellar granule neuron survival. <i>Nature Neuroscience</i> , 2007, 10, 559-567.	14.8	219
1894	Silencing of mammalian genes by tetracycline-inducible shRNA expression. <i>Nature Protocols</i> , 2007, 2, 3257-3269.	12.0	39
1895	Utilizing RNA interference to enhance cancer drug discovery. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 556-568.	46.4	230
1896	Strategies for silencing human disease using RNA interference. <i>Nature Reviews Genetics</i> , 2007, 8, 173-184.	16.3	976
1897	Cardiolipin deficiency releases cytochrome c from the inner mitochondrial membrane and accelerates stimuli-elicited apoptosis. <i>Cell Death and Differentiation</i> , 2007, 14, 597-606.	11.2	135
1898	The Yes-associated protein 1 stabilizes p73 by preventing Itch-mediated ubiquitination of p73. <i>Cell Death and Differentiation</i> , 2007, 14, 743-751.	11.2	185
1899	p73 regulates DRAM-independent autophagy that does not contribute to programmed cell death. <i>Cell Death and Differentiation</i> , 2007, 14, 1071-1079.	11.2	92
1900	Poly(ADP-ribose) polymerase-1 protects neurons against apoptosis induced by oxidative stress. <i>Cell Death and Differentiation</i> , 2007, 14, 1211-1221.	11.2	40
1901	Transcriptional activation of p53 by Pitx1. <i>Cell Death and Differentiation</i> , 2007, 14, 1893-1907.	11.2	67
1902	Anticancer activity of an adenoviral vector expressing short hairpin RNA against BK virus T-ag. <i>Cancer Gene Therapy</i> , 2007, 14, 297-305.	4.6	7
1903	FLASH links the CD95 signaling pathway to the cell nucleus and nuclear bodies. <i>EMBO Journal</i> , 2007, 26, 391-401.	7.8	70
1904	<i>Staphylococcus aureus</i> protein A activates TACE through EGFR-dependent signaling. <i>EMBO Journal</i> , 2007, 26, 701-709.	7.8	90
1905	Bypass of senescence by the polycomb group protein CBX8 through direct binding to the INK4A-ARF locus. <i>EMBO Journal</i> , 2007, 26, 1637-1648.	7.8	175
1906	The neural EGF family member CALEB/NGC mediates dendritic tree and spine complexity. <i>EMBO Journal</i> , 2007, 26, 2371-2386.	7.8	40
1907	SIP, a novel ankyrin repeat containing protein, sequesters steroid receptor coactivators in the cytoplasm. <i>EMBO Journal</i> , 2007, 26, 2645-2657.	7.8	45
1908	p140Cap protein suppresses tumour cell properties, regulating Csk and Src kinase activity. <i>EMBO Journal</i> , 2007, 26, 2843-2855.	7.8	83
1909	ATMIN defines an NBS1-independent pathway of ATM signalling. <i>EMBO Journal</i> , 2007, 26, 2933-2941.	7.8	79
1910	Negative regulation of SEK1 signaling by serum- and glucocorticoid-inducible protein kinase 1. <i>EMBO Journal</i> , 2007, 26, 3075-3085.	7.8	32

#	ARTICLE	IF	CITATIONS
1911	Direct stimulation of receptor-controlled phospholipase D1 by phospho-cofilin. <i>EMBO Journal</i> , 2007, 26, 4189-4202.	7.8	91
1912	Dysfunctional telomeres activate an ATM-ATR-dependent DNA damage response to suppress tumorigenesis. <i>EMBO Journal</i> , 2007, 26, 4709-4719.	7.8	214
1913	Development of recombinant adeno-associated virus vectors carrying small interfering RNA (shHec1)-mediated depletion of kinetochore Hec1 protein in tumor cells. <i>Gene Therapy</i> , 2007, 14, 814-827.	4.5	29
1914	OuaSelect, a novel ouabain-resistant human marker gene that allows efficient cell selection within 48 h. <i>Gene Therapy</i> , 2007, 14, 1564-1572.	4.5	8
1915	Pharmacologic activation of p53-dependent and p53-independent apoptotic pathways in Hodgkin/Reed-Sternberg cells. <i>Leukemia</i> , 2007, 21, 772-779.	7.2	39
1916	Significant impact of survivin on myeloma cell growth. <i>Leukemia</i> , 2007, 21, 1070-1078.	7.2	53
1917	Tumor suppressor p53 restricts Ras stimulation of RhoA and cancer cell motility. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 215-223.	8.2	115
1918	Chloride transporting capability of Calu-3 epithelia following persistent knockdown of the cystic fibrosis transmembrane conductance regulator, CFTR. <i>British Journal of Pharmacology</i> , 2007, 150, 1055-1065.	5.4	32
1919	A microRNA component of the p53 tumour suppressor network. <i>Nature</i> , 2007, 447, 1130-1134.	27.8	2,476
1920	Intracellular bacterial growth is controlled by a kinase network around PKB/AKT1. <i>Nature</i> , 2007, 450, 725-730.	27.8	310
1921	Doublecortin-like, a microtubule-associated protein expressed in radial glia, is crucial for neuronal precursor division and radial process stability. <i>European Journal of Neuroscience</i> , 2007, 25, 635-648.	2.6	65
1922	West Nile virus capsid protein induces p53-mediated apoptosis via the sequestration of HDM2 to the nucleolus. <i>Cellular Microbiology</i> , 2007, 10, 070816152918002-???	2.1	96
1923	Actin filaments-stabilizing and -bundling activities of cofilin-phosphatase Slingshot-1. <i>Genes To Cells</i> , 2007, 12, 663-676.	1.2	30
1924	Opportunities for treating chronic hepatitis B and C virus infection using RNA interference. <i>Journal of Viral Hepatitis</i> , 2007, 14, 447-459.	2.0	33
1925	Hepcidin, a key regulator of iron metabolism, is transcriptionally activated by p53. <i>British Journal of Haematology</i> , 2007, 138, 253-262.	2.5	81
1926	RNA interference-mediated signal transducers and activators of transcription 3 gene silencing inhibits invasion and metastasis of human pancreatic cancer cells. <i>Cancer Science</i> , 2007, 98, 1099-1106.	3.9	74
1927	Critical role for D-type cyclins in cellular transformation induced by E6/E7 of human papillomavirus type 16 and E6/E7/ErbB-2 cooperation. <i>Cancer Science</i> , 2007, 98, 973-977.	3.9	15
1928	K-ras oncogene silencing strategy reduces tumor growth and enhances gemcitabine chemotherapy efficacy for pancreatic cancer treatment. <i>Cancer Science</i> , 2007, 98, 1128-1136.	3.9	76

#	ARTICLE	IF	CITATIONS
1929	Inhibition of PTEN by peroxyxynitrite activates the phosphoinositide-3-kinase/Akt neuroprotective signaling pathway. <i>Journal of Neurochemistry</i> , 2007, 102, 194-205.	3.9	76
1930	Expression of protein phosphatase 2A mutants and silencing of the regulatory B1± subunit induce a selective loss of acetylated and detyrosinated microtubules. <i>Journal of Neurochemistry</i> , 2007, 101, 959-971.	3.9	62
1931	RNAi-mediated inhibition of COL1A1 and COL3A1 in human skin fibroblasts. <i>Experimental Dermatology</i> , 2007, 16, 611-617.	2.9	24
1932	Small Interfering RNA-mediated Caveolin-1 Knockout on Plasminogen Activator Inhibitor-1 Expression in Insulin-stimulated Human Vascular Endothelial Cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2007, 39, 224-233.	2.0	4
1933	Bcl-XL Small Interfering RNA Sensitizes Cisplatin-resistant Human Lung Adenocarcinoma Cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2007, 39, 344-350.	2.0	26
1934	Bcl-2 Small Interfering RNA Sensitizes Cisplatin-resistant Human Lung Adenocarcinoma A549/DDP Cell to Cisplatin and Diallyl Disulfide. <i>Acta Biochimica Et Biophysica Sinica</i> , 2007, 39, 835-843.	2.0	30
1935	Knockdown of S-phase Kinase-associated Protein-2 Expression in MCF-7 Inhibits Cell Growth and Enhances the Cytotoxic Effects of Epirubicin. <i>Acta Biochimica Et Biophysica Sinica</i> , 2007, 39, 999-1007.	2.0	18
1936	Human sterile alpha motif domain 9, a novel gene identified as down-regulated in aggressive fibromatosis, is absent in the mouse. <i>BMC Genomics</i> , 2007, 8, 92.	2.8	78
1937	Role of the Polycomb Repressive Complex 2 in Acute Promyelocytic Leukemia. <i>Cancer Cell</i> , 2007, 11, 513-525.	16.8	228
1938	An intracellular delivery method for siRNA by an arginine-rich peptide. <i>Journal of Proteomics</i> , 2007, 70, 579-586.	2.4	59
1939	EB3 Regulates Microtubule Dynamics at the Cell Cortex and Is Required for Myoblast Elongation and Fusion. <i>Current Biology</i> , 2007, 17, 1318-1325.	3.9	95
1940	p53-Mediated Activation of miRNA34 Candidate Tumor-Suppressor Genes. <i>Current Biology</i> , 2007, 17, 1298-1307.	3.9	1,045
1941	p53 suppression overwhelms DNA polymerase $\delta$ deficiency in determining the cellular UV DNA damage response. <i>DNA Repair</i> , 2007, 6, 1794-1804.	2.8	12
1942	Interference of porcine reproductive and respiratory syndrome virus replication on MARC-145 cells using DNA-based short interfering RNAs. <i>Antiviral Research</i> , 2007, 74, 83-91.	4.1	33
1943	Silencing shrimp white spot syndrome virus (WSSV) genes by siRNA. <i>Antiviral Research</i> , 2007, 73, 126-131.	4.1	185
1944	Simultaneously inhibition of HIV and HBV replication through a dual small interfering RNA expression system. <i>Antiviral Research</i> , 2007, 74, 142-149.	4.1	16
1945	Suppression of bovine viral diarrhea virus replication by small interfering RNA and short hairpin RNA-mediated RNA interference. <i>Veterinary Microbiology</i> , 2007, 119, 132-143.	1.9	29
1946	Role of XIAP in inhibiting cisplatin-induced caspase activation in non-small cell lung cancer cells: A small molecule Smac mimic sensitizes for chemotherapy-induced apoptosis by enhancing caspase-3 activation. <i>Experimental Cell Research</i> , 2007, 313, 1215-1224.	2.6	44

#	ARTICLE	IF	CITATIONS
1947	A constitutive endogenous osteopontin production is important for macrophage function and differentiation. <i>Experimental Cell Research</i> , 2007, 313, 1149-1160.	2.6	68
1948	Therapeutic RNA interference for neurodegenerative diseases: From promise to progress. , 2007, 114, 34-55.		43
1949	A novel shRNA vector that enables rapid selection and identification of knockdown cells. <i>Plasmid</i> , 2007, 58, 190-194.	1.4	7
1950	Role of TRPC3 in the formation of receptor-and store-operated calcium channels in carcinoma A431 cells. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2007, 1, 79-87.	0.6	0
1951	RNAi therapeutics: Principles, prospects and challenges. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 75-86.	13.7	780
1952	Gene manipulation through the use of small interfering RNA (siRNA): From in vitro to in vivo applications. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 87-100.	13.7	68
1953	A retroviral vector for siRNA expression in mammalian cells. <i>Molecular Biotechnology</i> , 2007, 35, 275-282.	2.4	10
1954	Down-regulation of lactate dehydrogenase-A by siRNAs for reduced lactic acid formation of Chinese hamster ovary cells producing thrombopoietin. <i>Applied Microbiology and Biotechnology</i> , 2007, 74, 152-159.	3.6	124
1955	RNAi-dependent and -independent antiviral phenotypes of chromosomally integrated shRNA clones: Role of VASP in respiratory syncytial virus growth. <i>Journal of Molecular Medicine</i> , 2007, 85, 745-752.	3.9	10
1956	Identification of cellular targets for the human papillomavirus E6 and E7 oncogenes by RNA interference and transcriptome analyses. <i>Journal of Molecular Medicine</i> , 2007, 85, 1253-1262.	3.9	41
1957	A microtubule-based, dynein-dependent force induces local cell protrusions: Implications for neurite initiation. <i>Brain Cell Biology</i> , 2007, 35, 39-56.	3.2	71
1958	Suppression of porcine reproductive and respiratory syndrome virus replication in MARC-145 cells by shRNA targeting ORF1 region. <i>Virus Genes</i> , 2007, 35, 673-679.	1.6	20
1959	Bloodâ€‘brain Barrier Transport of Non-viral Gene and RNAi Therapeutics. <i>Pharmaceutical Research</i> , 2007, 24, 1772-1787.	3.5	86
1960	Using cell engineering and omic tools for the improvement of cell culture processes. <i>Cytotechnology</i> , 2007, 53, 3-22.	1.6	42
1961	Inhibition of Ku80 by RNAi enhances the radiosensitivity of cervical carcinoma cell line SiHa. <i>Chinese-German Journal of Clinical Oncology</i> , 2007, 6, P285-P289.	0.1	0
1962	Role of CD9 in proliferation and proangiogenic action of human adipose-derived mesenchymal stem cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 455, 283-296.	2.8	38
1963	Construction and identification of a vector expressing RNA interference aimed at the human cyclinD1 gene and its expression in vitro. <i>Chinese Journal of Clinical Oncology</i> , 2007, 4, 338-342.	0.0	0
1964	The comparative and functional study between two construction methods of shRNA expression vector targeted LMP1 gene encoded by EBV. <i>Virologica Sinica</i> , 2007, 22, 241-247.	3.0	0

#	ARTICLE	IF	CITATIONS
1965	Gene delivery by lentivirus vectors. <i>Molecular Biotechnology</i> , 2007, 36, 184-204.	2.4	307
1966	Conventional and biotechnological approaches for control of parasitic weeds. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2007, 43, 304-317.	2.1	80
1967	Expression silence of DNA repair gene hMGMT induced by RNA interference. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2007, 19, 52-55.	2.2	0
1968	Malignant phenotype of PC3 cell line was inhibited by siRNA targeting PAR gene. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2007, 27, 440-443.	1.0	1
1969	ATF5 promotes cell survival through transcriptional activation of Hsp27 in H9c2 cells. <i>Cell Biology International</i> , 2007, 31, 1309-1315.	3.0	43
1970	Variability in RNA interference in neuroendocrine PC12 cell lines stably transfected with an shRNA plasmid. <i>Journal of Neuroscience Methods</i> , 2007, 166, 236-240.	2.5	4
1971	Tumor-derived CCL5 does not contribute to breast cancer progression. <i>Breast Cancer Research and Treatment</i> , 2008, 111, 511-521.	2.5	36
1972	A Novel Function of dcf1 During the Differentiation of Neural Stem Cells In Vitro. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 887-894.	3.3	29
1973	Small interfering RNA knockdown of mini-TyrRS and mini-TrpRS effects angiogenesis in human umbilical vein endothelial cells in hypoxic culture. <i>Cytotechnology</i> , 2008, 56, 219-231.	1.6	3
1974	RNAi for Treating Hepatitis B Viral Infection. <i>Pharmaceutical Research</i> , 2008, 25, 72-86.	3.5	112
1975	Silencing $\alpha$ -Synuclein Gene Expression Enhances Tyrosine Hydroxylase Activity in MN9D Cells. <i>Neurochemical Research</i> , 2008, 33, 1401-1409.	3.3	48
1976	Suppression of Bcl-xL expression by a novel tumor-specific RNA interference system inhibits proliferation and enhances radiosensitivity in prostatic carcinoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 61, 943-952.	2.3	15
1977	shRNA-triggered RNAi inhibits expression of NDV NP gene in chicken embryo fibroblast. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2008, 3, 433.	0.2	2
1978	Down-regulation of tissue factor by siRNA increased doxorubicin-induced apoptosis in human neuroblastoma. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2008, 28, 42-45.	1.0	3
1979	Small hairpin loop RNA targeting HIF-1 $\alpha$ down-regulates VEGF and up-regulates PEDF in human retinal pigment epithelial cells under hypoxic condition. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2008, 28, 460-464.	1.0	3
1980	Packaging and functional identification of recombinant adeno-associated virus encoding cdc2-siRNA. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2008, 28, 626-629.	1.0	1
1981	Silencing of UBP43 by shRNA enhances the antiviral activity of interferon against hepatitis B virus. <i>Virologica Sinica</i> , 2008, 23, 339-344.	3.0	0
1982	RNA interference mediated silencing of $\alpha$ -synuclein in MN9D cells and its effects on cell viability. <i>Neuroscience Bulletin</i> , 2008, 24, 96-104.	2.9	9

#	ARTICLE	IF	CITATIONS
1983	The Cytomegalovirus Promoter-Driven Short Hairpin RNA Constructs Mediate Effective RNA Interference in Zebrafish In Vivo. <i>Marine Biotechnology</i> , 2008, 10, 262-269.	2.4	27
1984	Hybrid Cytomegalovirus-U6 Promoter-based Plasmid Vectors Improve Efficiency of RNA Interference in Zebrafish. <i>Marine Biotechnology</i> , 2008, 10, 511-517.	2.4	15
1985	Delineation of the caspase-9 signaling cascade. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 177-186.	4.9	61
1986	Inhibition of vascular endothelial growth factor expression in keloid fibroblasts by vector-mediated vascular endothelial growth factor shRNA: a therapeutic potential strategy for keloid. <i>Archives of Dermatological Research</i> , 2008, 300, 177-184.	1.9	32
1987	TRPC1 channels regulate directionality of migrating cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 457, 475-484.	2.8	71
1988	Enhanced gene expression from retroviral vectors. <i>BMC Biotechnology</i> , 2008, 8, 19.	3.3	3
1989	The mTOR target 4Eâ€BP1 contributes to differential protein expression during normoxia and hypoxia through changes in mRNA translation efficiency. <i>Proteomics</i> , 2008, 8, 1019-1028.	2.2	45
1990	RNA interference and HIVâ€1 infection. <i>Reviews in Medical Virology</i> , 2008, 18, 5-18.	8.3	10
1991	Modifications in Low-Density Lipoprotein Receptor Expression Affects Cyclosporin A Cellular Uptake and Cytotoxicity. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 2350-2361.	3.3	6
1992	Sequenceâ€specific inhibition of RNA polymerase IIIâ€dependent transcription using Zorro locked nucleic acid (LNA). <i>Journal of Gene Medicine</i> , 2008, 10, 101-109.	2.8	8
1993	A retrovirusâ€based system to stably silence GDFâ€8 expression and enhance myogenic differentiation in human rhabdomyosarcoma cells. <i>Journal of Gene Medicine</i> , 2008, 10, 825-833.	2.8	16
1994	Development and characterization of a triple combination gene therapy vector inhibiting HIVâ€1 multiplication. <i>Journal of Gene Medicine</i> , 2008, 10, 1059-1070.	2.8	16
1995	Rab6 family proteins interact with the dynein light chain protein DYNLRB1. <i>Cytoskeleton</i> , 2008, 65, 183-196.	4.4	66
1996	Actin stress fiber preâ€extension in human aortic endothelial cells. <i>Cytoskeleton</i> , 2008, 65, 281-294.	4.4	58
1997	A minor Î²â€tubulin essential for mammalian cell proliferation. <i>Cytoskeleton</i> , 2008, 65, 708-720.	4.4	19
1998	Small Interfering RNAâ€Mediated Silencing of Glutathioneâ€Sâ€Transferaseâ€...A1 Sensitizes Hepatic Carcinoma Cells to Photodynamic Therapy with Pentaphyrins. <i>ChemMedChem</i> , 2008, 3, 565-568.	3.2	5
1999	Inhibition of telomerase in the endothelial cells disrupts tumor angiogenesis in glioblastoma xenografts. <i>International Journal of Cancer</i> , 2008, 122, 1236-1242.	5.1	32
2000	Maintenance of mitochondrial DNA copy number and expression are essential for preservation of mitochondrial function and cell growth. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 347-357.	2.6	142



#	ARTICLE	IF	CITATIONS
2001	Integrin cytoplasmic domain-associated protein <sup>1</sup> (ICAP <sup>1</sup> ) promotes migration of myoblasts and affects focal adhesions. <i>Journal of Cellular Physiology</i> , 2008, 214, 474-482.	4.1	17
2002	Involvement of $\alpha$ 1-6-fucosyltransferase I (FUT1) and surface-expressed lewis <sup>x</sup> (CD174) in first endothelial cell-cell contacts during angiogenesis. <i>Journal of Cellular Physiology</i> , 2008, 215, 27-36.	4.1	41
2003	Development of human plasmacytoid dendritic cells depends on the combined action of the basic helix-loop-helix factor E2 <sup>2</sup> and the Ets factor Spi <sup>1</sup> . <i>European Journal of Immunology</i> , 2008, 38, 2389-2400.	2.9	128
2004	Human muscle cells express the costimulatory molecule B7 <sup>1</sup> H3, which modulates muscle-immune interactions. <i>Arthritis and Rheumatism</i> , 2008, 58, 3600-3608.	6.7	19
2005	Development of an in vivo adeno-associated virus-mediated siRNA approach to knockdown tyrosine hydroxylase in the lateral reticulospinal tract of the ovine brain. <i>Journal of Neuroscience Methods</i> , 2008, 170, 56-66.	2.5	7
2006	Adeno-associated virus-mediated ILK gene silencing in the rat NAc core. <i>Journal of Neuroscience Methods</i> , 2008, 173, 208-214.	2.5	7
2007	Facilitated in vivo synthesis of ribonucleic acid and protein via T7 RNA polymerase. <i>Analytical Biochemistry</i> , 2008, 375, 97-104.	2.4	3
2008	Evaluation of small hairpin RNA silencing efficiency in live cells by cotransfection of two fluorescent probes. <i>Analytical Biochemistry</i> , 2008, 379, 133-135.	2.4	2
2009	Small-interfering-RNA-mediated silencing of human glutamate dehydrogenase induces apoptosis in neuroblastoma cells. <i>Biotechnology and Applied Biochemistry</i> , 2008, 51, 107.	3.1	4
2010	Significant Role of Naturally Occurring Materials in Drug Delivery Technology for Tissue Regeneration Therapy. <i>ACS Symposium Series</i> , 2008, , 81-105.	0.5	0
2011	RNA interference: An emerging generation of biologicals. <i>Biotechnology Journal</i> , 2008, 3, 339-353.	3.5	42
2012	Identification of Stem Cells During Prepubertal Spermatogenesis via Monitoring of Nucleostemin Promoter Activity. <i>Stem Cells</i> , 2008, 26, 3237-3246.	3.2	35
2013	A Multicolor Panel of Novel Lentiviral $\alpha$ -Gene Ontology <sup>1</sup> (LeGO) Vectors for Functional Gene Analysis. <i>Molecular Therapy</i> , 2008, 16, 698-706.	8.2	308
2014	<i>Further Observations in Congenital Myasthenic Syndromes</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1132, 104-113.	3.8	28
2015	Specific expression of short-interfering RNA driven by human telomerase reverse transcriptase promoter in tumor cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2008, 40, 928-933.	2.0	1
2016	Inhibition of CD146 gene expression via RNA interference reduces <i>in vitro</i> perineural invasion on ACC <sup>1</sup> cell. <i>Journal of Oral Pathology and Medicine</i> , 2009, 38, 198-205.	2.7	20
2017	Evidence for CALM in Directing VAMP2 Trafficking. <i>Traffic</i> , 2008, 9, 417-429.	2.7	130
2018	A PDZ <sup>1</sup> -Binding Motif Controls Basolateral Targeting of Syndecan <sup>1</sup> Along the Biosynthetic Pathway in Polarized Epithelial Cells. <i>Traffic</i> , 2008, 9, 1915-1924.	2.7	62

#	ARTICLE	IF	CITATIONS
2019	Altered expression of tumor protein D52 regulates apoptosis and migration of prostate cancer cells. <i>FEBS Journal</i> , 2008, 275, 5703-5713.	4.7	70
2020	Synoviolin promotes IRE1 ubiquitination and degradation in synovial fibroblasts from mice with collagen-induced arthritis. <i>EMBO Reports</i> , 2008, 9, 480-485.	4.5	94
2021	Engineering and optimization of the miR-106b cluster for ectopic expression of multiplexed anti-HIV RNAs. <i>Gene Therapy</i> , 2008, 15, 1536-1549.	4.5	107
2022	Short hairpin RNA-expressing oncolytic adenovirus-mediated inhibition of IL-8: effects on antiangiogenesis and tumor growth inhibition. <i>Gene Therapy</i> , 2008, 15, 635-651.	4.5	88
2023	Specific lentiviral shRNA-mediated knockdown of cyclin D1 in mantle cell lymphoma has minimal effects on cell survival and reveals a regulatory circuit with cyclin D2. <i>Leukemia</i> , 2008, 22, 2097-2105.	7.2	67
2024	MicroRNAs expressed by herpes simplex virus 1 during latent infection regulate viral mRNAs. <i>Nature</i> , 2008, 454, 780-783.	27.8	604
2025	Polo-like kinase-1 is activated by aurora A to promote checkpoint recovery. <i>Nature</i> , 2008, 455, 119-123.	27.8	596
2026	Sox18 induces development of the lymphatic vasculature in mice. <i>Nature</i> , 2008, 456, 643-647.	27.8	483
2027	Cytotoxic drug-induced, p53-mediated upregulation of caspase-8 in tumor cells. <i>Oncogene</i> , 2008, 27, 783-793.	5.9	58
2028	Microglia-derived TGF- $\beta$ 2 as an important regulator of glioblastoma invasion—an inhibition of TGF- $\beta$ 2-dependent effects by shRNA against human TGF- $\beta$ 2 type II receptor. <i>Oncogene</i> , 2008, 27, 918-930.	5.9	237
2029	The ubiquitin ligase APCdh1 is required to maintain genome integrity in primary human cells. <i>Oncogene</i> , 2008, 27, 907-917.	5.9	105
2030	A chemical inhibitor of PPM1D that selectively kills cells overexpressing PPM1D. <i>Oncogene</i> , 2008, 27, 1036-1044.	5.9	87
2031	Cellular functions of 14-3-3 $\eta$ in apoptosis and cell adhesion emphasize its oncogenic character. <i>Oncogene</i> , 2008, 27, 1315-1319.	5.9	93
2032	Transformation, genomic instability and senescence mediated by platelet/megakaryocyte glycoprotein Ib $\alpha$ . <i>Oncogene</i> , 2008, 27, 1599-1609.	5.9	14
2033	Interference of the dominant negative helix-loop-helix protein ID1 with the proteasomal subunit S5A causes centrosomal abnormalities. <i>Oncogene</i> , 2008, 27, 1657-1664.	5.9	9
2034	Monomeric but not trimeric clathrin heavy chain regulates p53-mediated transcription. <i>Oncogene</i> , 2008, 27, 2215-2227.	5.9	24
2035	Retinoic acid downregulates Rae1 leading to APCdh1 activation and neuroblastoma SH-SY5Y differentiation. <i>Oncogene</i> , 2008, 27, 3339-3344.	5.9	56
2036	The EWS/FLI1 oncogenic transcription factor deregulates GLI1. <i>Oncogene</i> , 2008, 27, 3282-3291.	5.9	115

#	ARTICLE	IF	CITATIONS
2037	N-myc augments death and attenuates protective effects of Bcl-2 in trophically stressed neuroblastoma cells. <i>Oncogene</i> , 2008, 27, 3424-3434.	5.9	30
2038	Roles of cyclins A and E in induction of centrosome amplification in p53-compromised cells. <i>Oncogene</i> , 2008, 27, 5288-5302.	5.9	47
2039	Met-driven invasive growth involves transcriptional regulation of Arhgap12. <i>Oncogene</i> , 2008, 27, 5590-5598.	5.9	28
2040	hPMC2 is required for recruiting an ER $\alpha$ coactivator complex to mediate transcriptional upregulation of NQO1 and protection against oxidative DNA damage by tamoxifen. <i>Oncogene</i> , 2008, 27, 6376-6384.	5.9	13
2041	Implication of human N- $\alpha$ -acetyltransferase 5 in cellular proliferation and carcinogenesis. <i>Oncogene</i> , 2008, 27, 7296-7306.	5.9	49
2042	The microRNAs miR-373 and miR-520c promote tumour invasion and metastasis. <i>Nature Cell Biology</i> , 2008, 10, 202-210.	10.3	924
2043	IQGAP3 regulates cell proliferation through the Ras/ERK signalling cascade. <i>Nature Cell Biology</i> , 2008, 10, 971-978.	10.3	99
2044	Gene knockdown by ecdysone-based inducible RNAi in stable mammalian cell lines. <i>Nature Protocols</i> , 2008, 3, 79-88.	12.0	22
2045	4-hydroperoxy-cyclophosphamide mediates caspase-independent T-cell apoptosis involving oxidative stress-induced nuclear relocation of mitochondrial apoptogenic factors AIF and EndoG. <i>Cell Death and Differentiation</i> , 2008, 15, 332-343.	11.2	37
2046	A novel p53 rescue compound induces p53-dependent growth arrest and sensitises glioma cells to Apo2L/TRAIL-induced apoptosis. <i>Cell Death and Differentiation</i> , 2008, 15, 718-729.	11.2	86
2047	Utility of Epstein-Barr virus-encoded small RNA promoters for driving the expression of fusion transcripts harboring short hairpin RNAs. <i>Gene Therapy</i> , 2008, 15, 191-202.	4.5	23
2048	Inhibition of tumor cell growth in the liver by RNA interference-mediated suppression of HIF-1 $\alpha$ expression in tumor cells and hepatocytes. <i>Gene Therapy</i> , 2008, 15, 572-582.	4.5	25
2049	Gadd45a Activation Protects Melanoma Cells from Ultraviolet B-Induced Apoptosis. <i>Journal of Investigative Dermatology</i> , 2008, 128, 196-202.	0.7	24
2050	NF- $\kappa$ B Inhibition Reveals Differential Mechanisms of TNF Versus TRAIL-Induced Apoptosis Upstream or at the Level of Caspase-8 Activation Independent of cIAP2. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1134-1147.	0.7	61
2051	Efficient gene transfer in CLL by mRNA electroporation. <i>Leukemia</i> , 2008, 22, 323-329.	7.2	21
2052	Suppression of growth of pancreatic cancer cell and expression of vascular endothelial growth factor by gene silencing with RNA interference. <i>Journal of Digestive Diseases</i> , 2008, 9, 228-237.	1.5	12
2053	Short-interfering RNA-mediated silencing of proliferating cell nuclear antigen inhibit proliferation and induce apoptosis in HeLa cells. <i>International Journal of Gynecological Cancer</i> , 2008, 18, 36-42.	2.5	2
2054	Delta-like 1 participates in the specification of ventral midbrain progenitor derived dopaminergic neurons. <i>Journal of Neurochemistry</i> , 2008, 104, 1101-1115.	3.9	45

#	ARTICLE	IF	CITATIONS
2055	Inhibition of plasminogen activator inhibitorâ€1 expression by siRNA in rat hepatic stellate cells. Journal of Gastroenterology and Hepatology (Australia), 2008, 23, 1917-1925.	2.8	13
2056	Introduction of silencingâ€inducing transgene against <i>Fgf19</i> does not affect expression of <i>Tbx5</i> and Î²3â€tubulin in the developing chicken retina. Development Growth and Differentiation, 2008, 50, 159-168.	1.5	1
2057	Knockdown of porcine endogenous retrovirus (PERV) expression by PERVâ€specific shRNA in transgenic pigs. Xenotransplantation, 2008, 15, 36-45.	2.8	156
2058	Hypoxiaâ€inducible enhancer/Î±â€fetoprotein promoterâ€driven RNA interference targeting STK15 suppresses proliferation and induces apoptosis in human hepatocellular carcinoma cells. Cancer Science, 2008, 99, 2209-2217.	3.9	21
2059	Novel role for polycystinâ€1 in modulating cell proliferation through calcium oscillations in kidney cells. Cell Proliferation, 2008, 41, 554-573.	5.3	26
2060	Essential role of C/EBPÎ± in G-CSF-induced transcriptional activation and chromatin modification of myeloid-specific genes. Genes To Cells, 2008, 13, 313-327.	1.2	22
2061	A Novel Approach to Regulate Experimental Visceral Leishmaniasis in Murine Macrophages using CCR5 siRNA. Scandinavian Journal of Immunology, 2008, 67, 345-353.	2.7	16
2062	ERK2 protein regulates the proliferation of human mesenchymal stem cells without affecting their mobilization and differentiation potential. Experimental Cell Research, 2008, 314, 1777-1788.	2.6	46
2063	A novel reverse transduction adenoviral array for the functional analysis of shRNA libraries. BMC Genomics, 2008, 9, 441.	2.8	9
2064	Effective inhibition of infectious bursal disease virus replication in vitro by DNA vector-based RNA interference. Antiviral Research, 2008, 79, 87-94.	4.1	15
2065	Vector design for liver-specific expression of multiple interfering RNAs that target hepatitis B virus transcripts. Antiviral Research, 2008, 80, 36-44.	4.1	32
2066	Lentivirus-mediated RNA Interference Targeting STAT4 Inhibits the Proliferation of Vascular Smooth Muscle Cells. Archives of Medical Research, 2008, 39, 582-589.	3.3	14
2067	Schistosoma japonicum: Inhibition of Mago nashi gene expression by shRNA-mediated RNA interference. Experimental Parasitology, 2008, 119, 379-384.	1.2	38
2068	Arginine methylation of hnRNP K enhances p53 transcriptional activity. FEBS Letters, 2008, 582, 1761-1765.	2.8	38
2069	Suppression of hepatitis C virus replication by baculovirus vectorâ€mediated shortâ€hairpin RNA expression. FEBS Letters, 2008, 582, 3085-3089.	2.8	18
2070	SLP-2 interacts with prohibitins in the mitochondrial inner membrane and contributes to their stability. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 904-911.	4.1	71
2071	Polo-box domains confer target specificity to the Polo-like kinase family. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1015-1022.	4.1	52
2072	The armadillo repeat domain of the APC tumor suppressor protein interacts with Striatin family members. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1792-1802.	4.1	57

#	ARTICLE	IF	CITATIONS
2073	Pam (Protein associated with Myc) functions as an E3 Ubiquitin ligase and regulates TSC/mTOR signaling. Cellular Signalling, 2008, 20, 1084-1091.	3.6	70
2074	APC/CCdh1 Targets Aurora Kinase to Control Reorganization of the Mitotic Spindle at Anaphase. Current Biology, 2008, 18, 1649-1658.	3.9	120
2075	Hypersensitivity to chromium-induced DNA damage correlates with constitutive deregulation of upstream p53 kinases in p21 <sup>+/+</sup> /p53 <sup>-/-</sup> HCT116 colon cancer cells. DNA Repair, 2008, 7, 239-252.	2.8	24
2076	ATF3 and Fra1 have opposite functions in JNK- and ERK-dependent DNA damage responses. DNA Repair, 2008, 7, 487-496.	2.8	38
2077	Chemically modified siRNA: tools and applications. Drug Discovery Today, 2008, 13, 842-855.	6.4	392
2078	Maintaining the silence: reflections on long-term RNAi. Drug Discovery Today, 2008, 13, 917-931.	6.4	106
2079	Suppression of early experimental osteoarthritis by in vivo delivery of the adenoviral vector-mediated NF- $\kappa$ Bp65-specific siRNA. Osteoarthritis and Cartilage, 2008, 16, 174-184.	1.3	129
2080	Element-tagged immunoassay with ICP-MS detection: Evaluation and comparison to conventional immunoassays. Journal of Immunological Methods, 2008, 336, 56-63.	1.4	57
2081	Inhibition of Integrin-Linked Kinase via a siRNA Expression Plasmid Attenuates Connective Tissue Growth Factor-Induced Human Proximal Tubular Epithelial Cells to Mesenchymal Transition. American Journal of Nephrology, 2008, 28, 143-151.	3.1	32
2082	Gene silencing by RNAi in mouse Sertoli cells. Reproductive Biology and Endocrinology, 2008, 6, 29.	3.3	18
2083	Reference gene selection for real-time rtPCR in human epidermal keratinocytes. Journal of Dermatological Science, 2008, 49, 217-225.	1.9	33
2085	Current Perspectives in microRNAs (miRNA). , 2008, , .		3
2087	Requirement of 3-Phosphoinositide-Dependent Protein Kinase-1 for BDNF-Mediated Neuronal Survival. Journal of Neuroscience, 2008, 28, 11409-11420.	3.6	27
2088	Human Endogenous Retrovirus (HERV-K) Reverse Transcriptase as a Breast Cancer Prognostic Marker. Neoplasia, 2008, 10, 521-IN2.	5.3	91
2089	RNAi. Methods in Molecular Biology, 2008, 442, vii-viii.	0.9	0
2090	Oligonucleotide sequences forming short self-complimentary hairpins can expedite the down-regulation of Coprinopsis cinerea genes. Journal of Microbiological Methods, 2008, 75, 205-208.	1.6	17
2091	Yap1 Phosphorylation by c-Abl Is a Critical Step in Selective Activation of Proapoptotic Genes in Response to DNA Damage. Molecular Cell, 2008, 29, 350-361.	9.7	295
2092	DC-SIGN mediates adhesion and rolling of dendritic cells on primary human umbilical vein endothelial cells through LewisY antigen expressed on ICAM-2. Molecular Immunology, 2008, 45, 2359-2369.	2.2	62

#	ARTICLE	IF	CITATIONS
2093	Inhibiting gene expression of $\alpha 3$ nicotinic receptor in SH-SY5Y cells with the effects on APP metabolism and antioxidation in Alzheimer's disease. <i>Neurochemistry International</i> , 2008, 53, 112-117.	3.8	9
2094	Growth inhibition of a tongue squamous cell carcinoma cell line (Tca8113) in vitro and in vivo via siRNA-mediated down-regulation of <i>skp2</i> . <i>International Journal of Oral and Maxillofacial Surgery</i> , 2008, 37, 847-852.	1.5	9
2095	Critical Role of CDK5 and Polo-like Kinase 2 in Homeostatic Synaptic Plasticity during Elevated Activity. <i>Neuron</i> , 2008, 58, 571-583.	8.1	208
2096	Metabotropic Glutamate Receptor-Mediated LTD Involves Two Interacting $Ca^{2+}$ Sensors, NCS-1 and PICK1. <i>Neuron</i> , 2008, 60, 1095-1111.	8.1	100
2097	Upregulation of the p53R2 ribonucleotide reductase subunit by nitric oxide. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 19, 84-94.	2.7	13
2098	Short hairpin RNA targeted to dihydrofolate reductase enhances the immunoglobulin G expression in gene-amplified stable Chinese hamster ovary cells. <i>Vaccine</i> , 2008, 26, 4969-4974.	3.8	13
2099	In vivo enhancement of angiogenesis by adenoviral transfer of HIF-1 $\alpha$ -modified endothelial progenitor cells (Ad-HIF-1 $\alpha$ -modified EPC for angiogenesis). <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2284-2295.	2.8	42
2100	Activation of fibronectin/PI-3K/Akt2 leads to chemoresistance to docetaxel by regulating survivin protein expression in ovarian and breast cancer cells. <i>Cancer Letters</i> , 2008, 261, 108-119.	7.2	91
2101	RNA interference targeting CML66, a novel tumor antigen, inhibits proliferation, invasion and metastasis of HeLa cells. <i>Cancer Letters</i> , 2008, 269, 127-138.	7.2	37
2102	A small interfering RNA targeting osteopontin as gastric cancer therapeutics. <i>Cancer Letters</i> , 2008, 272, 148-159.	7.2	42
2103	Survivin gene RNA interference inhibits proliferation, induces apoptosis, and enhances radiosensitivity in HeLa cells. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2008, 136, 83-89.	1.1	31
2104	Inhibition of tumor necrosis factor alpha secretion in rat Kupffer cells by siRNA: In vivo efficacy of siRNA-liposomes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 34-40.	2.4	21
2105	MicroRNA biogenesis: there's more than one way to skin a cat. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2008, 1779, 663-667.	1.9	94
2106	Conditional gene silencing in mammalian cells mediated by a stress-inducible promoter. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 521-527.	2.1	22
2107	Competition potency of siRNA is specified by the 5' half sequence of the guide strand. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 78-83.	2.1	16
2108	Multiple shRNA expressions in a single plasmid vector improve RNAi against the XPA gene. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 301-305.	2.1	11
2109	Zebrafish U6 small nuclear RNA gene promoters contain a SPH element in an unusual location. <i>Gene</i> , 2008, 421, 89-94.	2.2	11
2110	Targeting alpha-fetoprotein represses the proliferation of hepatoma cells via regulation of the cell cycle. <i>Clinica Chimica Acta</i> , 2008, 394, 81-88.	1.1	33



#	ARTICLE	IF	CITATIONS
2111	H2AZ Is Enriched at Polycomb Complex Target Genes in ES Cells and Is Necessary for Lineage Commitment. <i>Cell</i> , 2008, 135, 649-661.	28.9	307
2112	MiR-15a and miR-16-1 cluster functions in human leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5166-5171.	7.1	741
2113	A Critical Role for Rac1 in Tumor Progression of Human Colorectal Adenocarcinoma Cells. <i>American Journal of Pathology</i> , 2008, 172, 156-166.	3.8	52
2114	G-Protein-Coupled Receptor GPR49 is Up-regulated in Basal Cell Carcinoma and Promotes Cell Proliferation and Tumor Formation. <i>American Journal of Pathology</i> , 2008, 173, 835-843.	3.8	127
2115	Copper-Induced Translocation of the Wilson Disease Protein ATP7B Independent of Murr1/COMMD1 and Rab7. <i>American Journal of Pathology</i> , 2008, 173, 1783-1794.	3.8	32
2116	Functional modification of Sendai virus by siRNA. <i>Journal of Biotechnology</i> , 2008, 133, 386-394.	3.8	15
2117	RNA interference of avian influenza virus H5N1 by inhibiting viral mRNA with siRNA expression plasmids. <i>Journal of Biotechnology</i> , 2008, 135, 140-144.	3.8	30
2118	Physicochemical Characteristics and Preliminary in Vivo Biological Evaluation of Nanocapsules Loaded with siRNA Targeting Estrogen Receptor Alpha. <i>Biomacromolecules</i> , 2008, 9, 2881-2890.	5.4	36
2119	Inhibition of CD147 Gene Expression via RNA Interference Reduces Tumor Cell Proliferation, Activation, Adhesion, and Migration Activity in the Human Jurkat T-Lymphoma Cell Line. <i>Cancer Investigation</i> , 2008, 26, 689-697.	1.3	28
2120	Suppression of Retinal Neovascularization by shRNA Targeting HIF-1 $\alpha$ . <i>Current Eye Research</i> , 2008, 33, 892-902.	1.5	25
2121	Ceramide induces p38 MAPK and JNK activation through a mechanism involving a thioredoxin-interacting protein-mediated pathway. <i>Blood</i> , 2008, 111, 4365-4374.	1.4	156
2122	The cyclin-dependent kinase inhibitor p57kip2 is a negative regulator of Schwann cell differentiation and <i>in vitro</i> myelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8748-8753.	7.1	56
2123	Inducible RNA Interference-Mediated Gene Silencing Using Nanostructured Gene Delivery Arrays. <i>ACS Nano</i> , 2008, 2, 69-76.	14.6	46
2124	Proteome Analysis of Multidrug Resistance of Human Oral Squamous Carcinoma Cells Using CD147 Silencing. <i>Journal of Proteome Research</i> , 2008, 7, 4784-4791.	3.7	26
2125	TGF $\beta$ 2 induces SIK to negatively regulate type I receptor kinase signaling. <i>Journal of Cell Biology</i> , 2008, 182, 655-662.	5.2	69
2126	Regulation of the Adenomatous Polyposis Coli Gene by the miR-135 Family in Colorectal Cancer. <i>Cancer Research</i> , 2008, 68, 5795-5802.	0.9	434
2127	Osteoporosis. <i>Methods in Molecular Biology</i> , 2008, 455, v-vi.	0.9	6
2128	Inducible BRAF Suppression Models for Melanoma Tumorigenesis. <i>Methods in Enzymology</i> , 2008, 439, 25-38.	1.0	8



#	ARTICLE	IF	CITATIONS
2129	Programmed Cell Death 4 (PDCD4) Is an Important Functional Target of the MicroRNA miR-21 in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 1026-1033.	3.4	1,001
2130	Regulation of Phosphorylation of Thr-308 of Akt, Cell Proliferation, and Survival by the B55Î± Regulatory Subunit Targeting of the Protein Phosphatase 2A Holoenzyme to Akt. <i>Journal of Biological Chemistry</i> , 2008, 283, 1882-1892.	3.4	311
2131	Regulation of TIP60 by ATF2 Modulates ATM Activation. <i>Journal of Biological Chemistry</i> , 2008, 283, 17605-17614.	3.4	53
2132	Rheb and mTOR Regulate Neuronal Polarity through Rap1B. <i>Journal of Biological Chemistry</i> , 2008, 283, 33784-33792.	3.4	66
2133	An Epstein-Barr virusâ€“encoded microRNA targets PUMA to promote host cell survival. <i>Journal of Experimental Medicine</i> , 2008, 205, 2551-2560.	8.5	419
2134	Genetic Strategy to Prevent Influenza Virus Infections in Animals. <i>Journal of Infectious Diseases</i> , 2008, 197, S25-S28.	4.0	15
2135	Lentiviral Vector Design for Multiple shRNA Expression and Durable HIV-1 Inhibition. <i>Molecular Therapy</i> , 2008, 16, 557-564.	8.2	222
2136	Mint3/X11Î³ Is an ADP-Ribosylation Factor-dependent Adaptor that Regulates the Traffic of the Alzheimer's Precursor Protein from the<i>Trans</i>-Golgi Network. <i>Molecular Biology of the Cell</i> , 2008, 19, 51-64.	2.1	53
2137	Macrophage Migration Inhibitory Factor Contributes to the Immune Escape of Ovarian Cancer by Down-Regulating NKG2D. <i>Journal of Immunology</i> , 2008, 180, 7338-7348.	0.8	144
2138	TLR2 Regulates Gap Junction Intercellular Communication in Airway Cells. <i>Journal of Immunology</i> , 2008, 180, 4986-4993.	0.8	50
2139	Voltage-gated Nav channel targeting in the heart requires an ankyrin-Gâ€“dependent cellular pathway. <i>Journal of Cell Biology</i> , 2008, 180, 173-186.	5.2	155
2140	Activation of the <i>Enhancer of Zeste Homologue 2</i> Gene by the Human Papillomavirus E7 Oncoprotein. <i>Cancer Research</i> , 2008, 68, 9964-9972.	0.9	98
2141	Agelastatin A: a novel inhibitor of osteopontin-mediated adhesion, invasion, and colony formation. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 548-558.	4.1	84
2142	Toll-Like Receptor 9 Mediates CpG Oligonucleotideâ€“Induced Cellular Invasion. <i>Molecular Cancer Research</i> , 2008, 6, 1534-1543.	3.4	69
2143	CNGA2 Channels Mediate Adenosine-Induced Ca <sup>2+</sup> Influx in Vascular Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 913-918.	2.4	27
2144	Therapeutic benefit derived from RNAi-mediated ablation of IMPDH1 transcripts in a murine model of autosomal dominant retinitis pigmentosa (RP10). <i>Human Molecular Genetics</i> , 2008, 17, 2084-2100.	2.9	58
2145	Yin Yang 1 Is a Critical Repressor of Matrix Metalloproteinase-9 Expression in Brain Neurons. <i>Journal of Biological Chemistry</i> , 2008, 283, 35140-35153.	3.4	40
2146	T cellâ€“independent development and induction of somatic hypermutation in human IgM+IgD+CD27+ B cells. <i>Journal of Experimental Medicine</i> , 2008, 205, 2033-2042.	8.5	97

#	ARTICLE	IF	CITATIONS
2147	Telomere dysfunction and cell survival: roles for distinct TIN2-containing complexes. <i>Journal of Cell Biology</i> , 2008, 181, 447-460.	5.2	50
2148	MUC16 Is Lost from the Uterodome (Pinopode) Surface of the Receptive Human Endometrium: In Vitro Evidence That MUC16 Is a Barrier to Trophoblast Adherence1. <i>Biology of Reproduction</i> , 2008, 78, 134-142.	2.7	91
2149	Stable RNA interference of hexokinase II gene inhibits human colon cancer LoVo cell growth in vitro and in vivo. <i>Cancer Biology and Therapy</i> , 2008, 7, 1128-1135.	3.4	30
2150	Oral administration of attenuated <i>S. typhimurium</i> carrying shRNA-expressing vectors as a cancer therapeutic. <i>Cancer Biology and Therapy</i> , 2008, 7, 145-151.	3.4	68
2151	RNA Interference in J774 Macrophages Reveals a Role for Coronin 1 in Mycobacterial Trafficking but Not in Actin-dependent Processes. <i>Molecular Biology of the Cell</i> , 2008, 19, 1241-1251.	2.1	52
2152	The kinesin KIF1B $\beta$ acts downstream from Egln3 to induce apoptosis and is a potential p36 tumor suppressor. <i>Genes and Development</i> , 2008, 22, 884-893.	5.9	293
2153	The expression of human brain vascular smooth muscle cell AT receptor after the UL83 gene of HCMV inhibition by small interfering RNAs. <i>Neurological Research</i> , 2008, 30, 903-909.	1.3	1
2154	Reversion of multidrug resistance in human glioma by RNA interference. <i>Neurological Research</i> , 2008, 30, 562-566.	1.3	12
2155	MBD2-Mediated Transcriptional Repression of the $p14^{\text{ARF}}$ Tumor Suppressor Gene in Human Colon Cancer Cells. <i>Pathobiology</i> , 2008, 75, 281-287.	3.8	30
2156	Behind the Scenes of a Small RNA Gene-Silencing Pathway. <i>Human Gene Therapy</i> , 2008, 19, 17-26.	2.7	24
2157	Downregulation of the Hexokinase II Gene Sensitizes Human Colon Cancer Cells to 5-Fluorouracil. <i>Chemotherapy</i> , 2008, 54, 357-363.	1.6	14
2158	Temporal activation of p53 by a specific MDM2 inhibitor is selectively toxic to tumors and leads to complete tumor growth inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3933-3938.	7.1	641
2159	siRNA pool targeting different sites of human hepatitis B surface antigen efficiently inhibits HBV infection. <i>Journal of Drug Targeting</i> , 2008, 16, 140-148.	4.4	21
2160	Specific inhibitors of the protein tyrosine phosphatase Shp2 identified by high-throughput docking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7275-7280.	7.1	199
2161	Clathrin Assembly Protein AP180 and CALM Differentially Control Axogenesis and Dendrite Outgrowth in Embryonic Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 10257-10271.	3.6	62
2162	Inducible and reversible gene silencing by stable integration of an shRNA-encoding lentivirus in transgenic rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18507-18512.	7.1	149
2163	HSP90 inhibitor, DMAG, synergizes with radiation of lung cancer cells by interfering with base excision and ATM-mediated DNA repair. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1985-1992.	4.1	70
2164	Helper-dependent Adenovirus-mediated Short Hairpin RNA Expression in the Liver Activates the Interferon Response. <i>Journal of Biological Chemistry</i> , 2008, 283, 2120-2128.	3.4	33

#	ARTICLE	IF	CITATIONS
2165	MLL protects CpG clusters from methylation within the Hoxa9 gene, maintaining transcript expression. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7517-7522.	7.1	86
2166	Hedgehog signaling overrides p53-mediated tumor suppression by activating Mdm2. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4838-4843.	7.1	122
2167	SOK1 Translocates from the Golgi to the Nucleus upon Chemical Anoxia and Induces Apoptotic Cell Death. Journal of Biological Chemistry, 2008, 283, 16248-16258.	3.4	44
2168	G13-dependent Activation of MAPK by Thyrotropin. Journal of Biological Chemistry, 2008, 283, 20330-20341.	3.4	35
2169	Accurate Balance of the Polarity Kinase MARK2/Par-1 Is Required for Proper Cortical Neuronal Migration. Journal of Neuroscience, 2008, 28, 5710-5720.	3.6	100
2170	Activity-Induced Polo-Like Kinase 2 Is Required for Homeostatic Plasticity of Hippocampal Neurons during Epileptiform Activity. Journal of Neuroscience, 2008, 28, 6583-6591.	3.6	93
2171	Multidrug Resistance-Associated Transporter 2 Regulates Mucosal Inflammation by Facilitating the Synthesis of Hepoxilin A3. Journal of Immunology, 2008, 181, 8044-8052.	0.8	40
2172	Modulation of PGC-1 Coactivator Pathways in Brown Fat Differentiation through LRP130. Journal of Biological Chemistry, 2008, 283, 31960-31967.	3.4	49
2173	The Spinocerebellar Ataxia 12 Gene Product and Protein Phosphatase 2A Regulatory Subunit B $\hat{1}$ 2 Antagonizes Neuronal Survival by Promoting Mitochondrial Fission. Journal of Biological Chemistry, 2008, 283, 36241-36248.	3.4	77
2174	Activation of the Neuronal Extracellular Signal-Regulated Kinase 2 in the Spinal Cord Dorsal Horn Is Required for Complete Freund's Adjuvant-Induced Pain Hypersensitivity. Journal of Neuroscience, 2008, 28, 14087-14096.	3.6	53
2175	Syntaxin 6, a Regulator of the Protein Trafficking Machinery and a Target of the p53 Family, Is Required for Cell Adhesion and Survival. Journal of Biological Chemistry, 2008, 283, 30689-30698.	3.4	28
2176	Increasing GLP-1â€“Induced $\hat{1}$ 2-Cell Proliferation by Silencing the Negative Regulators of Signaling cAMP Response Element Modulator- $\hat{1}$ and DUSP14. Diabetes, 2008, 57, 584-593.	0.6	79
2177	Dissecting the role of p53 phosphorylation in homologous recombination provides new clues for gain-of-function mutants. Nucleic Acids Research, 2008, 36, 5362-5375.	14.5	50
2178	Green Tea Polyphenol Epigallocatechin-3-gallate Signaling Pathway through 67-kDa Laminin Receptor. Journal of Biological Chemistry, 2008, 283, 3050-3058.	3.4	185
2179	Glycogen Synthase Kinase 3 $\hat{1}$ 2 Suppresses Myogenic Differentiation through Negative Regulation of NFATc3. Journal of Biological Chemistry, 2008, 283, 358-366.	3.4	60
2180	Killin is a p53-regulated nuclear inhibitor of DNA synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5396-5401.	7.1	79
2181	The Human Trithorax Protein hASH2 Functions as an Oncoprotein. Cancer Research, 2008, 68, 749-758.	0.9	69
2182	The Stargazin-Related Protein $\hat{1}$ 37 Interacts with the mRNA-Binding Protein Heterogeneous Nuclear Ribonucleoprotein A2 and Regulates the Stability of Specific mRNAs, Including Ca <sub>V</sub> 2.2. Journal of Neuroscience, 2008, 28, 10604-10617.	3.6	35

#	ARTICLE	IF	CITATIONS
2183	Munc18-1 Is Critical for Plasma Membrane Localization of Syntaxin1 but Not of SNAP-25 in PC12 Cells. <i>Molecular Biology of the Cell</i> , 2008, 19, 722-734.	2.1	82
2184	Caspase-2 functions upstream of mitochondria in endoplasmic reticulum stress-induced apoptosis by bortezomib in human myeloma cells. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2298-2307.	4.1	55
2185	Single and Combined Silencing of ERK1 and ERK2 Reveals Their Positive Contribution to Growth Signaling Depending on Their Expression Levels. <i>Molecular and Cellular Biology</i> , 2008, 28, 511-527.	2.3	168
2186	The DNA Damage Sensors Ataxia-Telangiectasia Mutated Kinase and Checkpoint Kinase 2 Are Required for Hepatitis C Virus RNA Replication. <i>Journal of Virology</i> , 2008, 82, 9639-9646.	3.4	69
2187	The A- and B-type nuclear lamin networks: microdomains involved in chromatin organization and transcription. <i>Genes and Development</i> , 2008, 22, 3409-3421.	5.9	433
2188	Progress in gene targeting: using mutant mice to study renal function and disease. <i>Kidney International</i> , 2008, 74, 427-437.	5.2	29
2189	EGF antagonizes TGF- $\beta$ -induced tropoelastin expression in lung fibroblasts via stabilization of Smad corepressor TGIF. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L143-L151.	2.9	17
2190	Posttranscriptional Gene Regulation by Spatial Rearrangement of the 3' Untranslated Region. <i>PLoS Biology</i> , 2008, 6, e92.	5.6	251
2191	Generation of a highly inducible <i>Gal4</i> $\rightarrow$ <i>Fluc</i> universal reporter mouse for <i>in vivo</i> bioluminescence imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15932-15937.	7.1	35
2192	Synergistic antitumor activity of XIAP-shRNA and TRAIL expressed by oncolytic adenoviruses in experimental HCC. <i>Acta Oncologica</i> , 2008, 47, 135-144.	1.8	33
2193	Distinct Isoforms of Phospholipase A <sub>2</sub> Mediate the Ability of <i>Salmonella enterica</i> Serotype Typhimurium and <i>Shigella flexneri</i> To Induce the Transepithelial Migration of Neutrophils. <i>Infection and Immunity</i> , 2008, 76, 3614-3627.	2.2	42
2194	Cooperation between EZH2, NSPc1-mediated histone H2A ubiquitination and Dnmt1 in HOX gene silencing. <i>Nucleic Acids Research</i> , 2008, 36, 3590-3599.	14.5	86
2195	EWS-FLI1 Suppresses NOTCH-Activated p53 in Ewing's Sarcoma. <i>Cancer Research</i> , 2008, 68, 7100-7109.	0.9	90
2196	Usp39 is essential for mitotic spindle checkpoint integrity and controls mRNA-levels of Aurora B. <i>Cell Cycle</i> , 2008, 7, 2710-2719.	2.6	108
2197	Interactions with titin and myomesin target obscurin and obscurin-like 1 to the M-band – implications for hereditary myopathies. <i>Journal of Cell Science</i> , 2008, 121, 1841-1851.	2.0	168
2198	Trans-endocytosis of CD47 and SHPS-1 and its role in regulation of the CD47–SHPS-1 system. <i>Journal of Cell Science</i> , 2008, 121, 1213-1223.	2.0	32
2199	Different Internalization Properties of the $\beta$ 1a- and $\beta$ 1b-Adrenergic Receptor Subtypes: The Potential Role of Receptor Interaction with $\beta$ 2-Arrestins and AP50. <i>Molecular Pharmacology</i> , 2008, 74, 562-573.	2.3	41
2200	Human T-Cell Leukemia Virus I Tax Protein Sensitizes p53-Mutant Cells to DNA Damage. <i>Cancer Research</i> , 2008, 68, 4843-4852.	0.9	3

#	ARTICLE	IF	CITATIONS
2202	DNA Mismatch Repair-dependent Activation of c-Abl/p73 $\pm$ /GADD45 $\pm$ -mediated Apoptosis. Journal of Biological Chemistry, 2008, 283, 21394-21403.	3.4	29
2203	miR-148 targets human DNMT3b protein coding region. Rna, 2008, 14, 872-877.	3.5	518
2204	Endoplasmic Reticulum (ER) Mannosidase I Is Compartmentalized and Required for <i>N</i> -Glycan Trimming to Man <sub>5</sub> GlucNAc <sub>2</sub> in Glycoprotein ER-associated Degradation. Molecular Biology of the Cell, 2008, 19, 216-225.	2.1	124
2205	<i>StARD13</i> ( <i>Dlc-2</i> ) RhoGAP Mediates Ceramide Activation of Phosphatidylglycerolphosphate Synthase and Drug Response in Chinese Hamster Ovary Cells. Molecular Biology of the Cell, 2008, 19, 1083-1092.	2.1	16
2206	Phosphatase Inhibitor-2 Balances Protein Phosphatase 1 and Aurora B Kinase for Chromosome Segregation and Cytokinesis in Human Retinal Epithelial Cells. Molecular Biology of the Cell, 2008, 19, 4852-4862.	2.1	56
2207	Suppression of Inhibitor of Differentiation 2, a Target of Mutant p53, Is Required for Gain-of-Function Mutations. Cancer Research, 2008, 68, 6789-6796.	0.9	58
2208	HOP/OB1/NECC1 Promoter DNA Is Frequently Hypermethylated and Involved in Tumorigenic Ability in Esophageal Squamous Cell Carcinoma. Molecular Cancer Research, 2008, 6, 31-41.	3.4	44
2209	SUMO1 negatively regulates BRCA1-mediated transcription, via modulation of promoter occupancy. Nucleic Acids Research, 2008, 36, 263-283.	14.5	148
2210	Cross Talk between Expression of the Human T-Cell Leukemia Virus Type 1 Tax Transactivator and the Oncogenic bHLH Transcription Factor TAL1. Journal of Virology, 2008, 82, 7913-7922.	3.4	14
2211	Genetic Approaches in Human Embryonic Stem Cells and Their Derivatives. , 2008, , 190-209.		0
2212	Phospholipase C $\gamma$ 1 regulates cell proliferation and cell-cycle progression from G1- to S-phase by control of cyclin E $\rightarrow$ CDK2 activity. Biochemical Journal, 2008, 415, 439-448.	3.7	19
2213	Regulation of Apoptosis and Caspase-8 Expression in Neuroblastoma Cells by Isoforms of the <i>IG20</i> Gene. Cancer Research, 2008, 68, 7352-7361.	0.9	23
2214	$\beta$ -Catenin Interacts with MyoD and Regulates Its Transcription Activity. Molecular and Cellular Biology, 2008, 28, 2941-2951.	2.3	71
2215	HRASLS3 is a PPAR $\gamma$ -selective target gene that promotes adipocyte differentiation. Journal of Lipid Research, 2008, 49, 2535-2544.	4.2	26
2216	MBD3, a Component of the NuRD Complex, Facilitates Chromatin Alteration and Deposition of Epigenetic Marks. Molecular and Cellular Biology, 2008, 28, 5912-5923.	2.3	106
2217	An essential role for the MAL protein in targeting Lck to the plasma membrane of human T lymphocytes. Journal of Experimental Medicine, 2008, 205, 3201-3213.	8.5	70
2218	Critical Role of p53 in Histone Deacetylase Inhibitor-Induced Epstein-Barr Virus Zta Expression. Journal of Virology, 2008, 82, 7745-7751.	3.4	30
2219	Selective coupling of type 6 adenylyl cyclase with type 2 IP3 receptors mediates direct sensitization of IP3 receptors by cAMP. Journal of Cell Biology, 2008, 183, 297-311.	5.2	93

#	ARTICLE	IF	CITATIONS
2220	Human Immunodeficiency Virus Type 1 Nef Expression Prevents AP-2-Mediated Internalization of the Major Histocompatibility Complex Class II-Associated Invariant Chain. <i>Journal of Virology</i> , 2008, 82, 8373-8382.	3.4	20
2221	Identification through microarray gene expression analysis of cellular responses to benzo( a )pyrene and its diol-epoxide that are dependent or independent of p53. <i>Carcinogenesis</i> , 2008, 29, 202-210.	2.8	39
2222	UV-induced degradation of securin is mediated by SKP1-CUL1- $\hat{\text{E}}^2$ TrCP E3 ubiquitin ligase. <i>Journal of Cell Science</i> , 2008, 121, 1825-1831.	2.0	24
2223	Insulin-Like Growth Factor-I Regulates Kru $\hat{\text{e}}$ ppel-Like Factor-6 Gene Expression in a p53-Dependent Manner. <i>Endocrinology</i> , 2008, 149, 1890-1897.	2.8	18
2224	Conditional RNA interference in vivo to study mutant p53 oncogenic gain of function on tumor malignancy. <i>Cell Cycle</i> , 2008, 7, 1870-1879.	2.6	81
2225	A system for Cre-regulated RNA interference <i>in vivo</i>. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13895-13900.	7.1	56
2226	Array analysis of epilepsy-associated gangliogliomas reveals expression patterns related to aberrant development of neuronal precursors. <i>Brain</i> , 2008, 131, 3034-3050.	7.6	46
2227	Salmonella entericaserovar Typhimurium modulates P-glycoprotein in the intestinal epithelium. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G1392-G1400.	3.4	32
2228	Kv4 Accessory Protein DPPX (DPP6) is a Critical Regulator of Membrane Excitability in Hippocampal CA1 Pyramidal Neurons. <i>Journal of Neurophysiology</i> , 2008, 100, 1835-1847.	1.8	63
2229	Processing of recombinant AAV genomes occurs in specific nuclear structures that overlap with foci of DNA-damage-response proteins. <i>Journal of Cell Science</i> , 2008, 121, 349-357.	2.0	69
2230	A potential treatment for pandemic influenza using siRNAs targeting conserved regions of influenza A. <i>Expert Opinion on Biological Therapy</i> , 2008, 8, 299-313.	3.1	15
2231	Identifying Substrates of mRNA Decay Factors by a Combined RNA Interference and DNA Microarray Approach. <i>Methods in Enzymology</i> , 2008, 449, 263-294.	1.0	0
2232	Choline Kinase Alpha Depletion Selectively Kills Tumoral Cells. <i>Current Cancer Drug Targets</i> , 2008, 8, 709-719.	1.6	52
2233	Titers of HIV-based Vectors Encoding shRNAs are Reduced by a Dicer-dependent Mechanism. <i>Molecular Therapy</i> , 2008, 16, 378-386.	8.2	26
2234	Dual silencing of type 1 insulin-like growth factor and epidermal growth factor receptors to induce apoptosis of nasopharyngeal cancer cells. <i>Journal of Laryngology and Otology</i> , 2008, 122, 952-960.	0.8	10
2235	Short hairpin ribonucleic acid targeting the telomerase catalytic unit of messenger ribonucleic acid significantly limits the growth of laryngeal squamous cell carcinoma in nude mice. <i>Journal of Laryngology and Otology</i> , 2008, 122, 513-521.	0.8	3
2236	siRNA silencing efficacy prediction using the RNA string kernel. <i>International Journal of Computational Biology and Drug Design</i> , 2008, 1, 103.	0.3	0
2237	The Y-box binding protein YB-1 is associated with progressive disease and mediates survival and drug resistance in multiple myeloma. <i>Blood</i> , 2008, 111, 3714-3722.	1.4	98



#	ARTICLE	IF	CITATIONS
2238	Critical roles of actin-interacting protein 1 in cytokinesis and chemotactic migration of mammalian cells. <i>Biochemical Journal</i> , 2008, 414, 261-270.	3.7	50
2239	SMILE, a new orphan nuclear receptor SHP-interacting protein, regulates SHP-repressed estrogen receptor transactivation. <i>Biochemical Journal</i> , 2008, 416, 463-473.	3.7	46
2240	P19INK4D links endomitotic arrest and megakaryocyte maturation and is regulated by AML-1. <i>Blood</i> , 2008, 111, 4081-4091.	1.4	47
2241	Megakaryocyte endomitosis is a failure of late cytokinesis related to defects in the contractile ring and Rho/Rock signaling. <i>Blood</i> , 2008, 112, 3164-3174.	1.4	171
2242	Combined functional and molecular analysis of tumor cell signaling defines 2 distinct myeloma subgroups: Akt-dependent and Akt-independent multiple myeloma. <i>Blood</i> , 2008, 112, 3403-3411.	1.4	66
2243	MicroRNA: an Emerging Therapeutic Target and Intervention Tool. <i>International Journal of Molecular Sciences</i> , 2008, 9, 978-999.	4.1	158
2244	Long-term effects of short hairpin RNA-targeted human telomerase reverse transcriptase on suppression of SGC-7901 cell proliferation by inhibition of telomerase activity. <i>Oncology Reports</i> , 0, .	2.6	5
2245	Applications of Lentiviral Vectors for shRNA Delivery and Transgenesis. <i>Current Gene Therapy</i> , 2008, 8, 483-488.	2.0	91
2246	Combinatorial Application of Nucleic Acid-Based Agents Targeting Protein Kinases for Cancer Treatment. <i>Current Pharmaceutical Design</i> , 2008, 14, 1098-1112.	1.9	11
2247	Small Interfering RNAs and their Therapeutic Applications in Mitigation of Virus Replication and Pathological Effects in the Respiratory Tract. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2008, 7, 116-121.	1.1	1
2248	Cellular Delivery In Vivo of siRNA-Based Therapeutics. <i>Current Pharmaceutical Design</i> , 2008, 14, 3603-3619.	1.9	79
2249	The Design of Vectors for RNAi Delivery System. <i>Current Pharmaceutical Design</i> , 2008, 14, 1327-1340.	1.9	22
2250	RNA Interference: New Therapeutics in Allergic Diseases. <i>Current Gene Therapy</i> , 2008, 8, 236-246.	2.0	13
2251	PDX-1 Acts as a Potential Molecular Target for Treatment of Human Pancreatic Cancer. <i>Pancreas</i> , 2008, 37, 210-220.	1.1	54
2252	Translational and Functional Oncogenomics. From Cancer-Oriented Genomic Screenings to New Diagnostic Tools and Improved Cancer Treatment. <i>Tumori</i> , 2008, 94, 172-178.	1.1	0
2253	Recent Advancements in Targeted Delivery of Therapeutic Molecules in Neurodegenerative Diseaseâ€“Spinocerebellar Ataxiaâ€“Opportunities and Challenges. <i>Drug Target Insights</i> , 2008, 3, DTI.S378.	1.4	2
2254	The Efficacy of Generating Three Independent Anti-HIV-1 siRNAs from a Single U6 RNA Pol III-Expressed Long Hairpin RNA. <i>PLoS ONE</i> , 2008, 3, e2602.	2.5	49
2255	Impaired Delta Np63 Expression is Associated with Poor Tumor Development in Transitional Cell Carcinoma of the Bladder. <i>Journal of Korean Medical Science</i> , 2008, 23, 825.	2.5	9



#	ARTICLE	IF	CITATIONS
2256	Lentivirus mediated shRNA interference targeting MAT2B induces growth-inhibition and apoptosis in hepatocellular carcinoma. World Journal of Gastroenterology, 2008, 14, 4633.	3.3	9
2257	Expression of cutaneous fatty acid-binding protein (C-FABP) in prostate cancer: Potential prognostic marker and target for tumorigenicity-suppression. International Journal of Oncology, 0, , .	3.3	21
2258	Evaluation of BACE1 Silencing in Cellular Models. International Journal of Alzheimer's Disease, 2009, 2009, 1-10.	2.0	9
2259	Reversal of multi-drug resistance by pSUPER-shRNA-mdr1 in vivo and in vitro. World Journal of Gastroenterology, 2009, 15, 431.	3.3	15
2260	Lentivirus-mediated shRNA interference targeting STAT3 inhibits human pancreatic cancer cell invasion. World Journal of Gastroenterology, 2009, 15, 3757.	3.3	26
2261	MicroRNAs as New Players for Diagnosis, Prognosis, and Therapeutic Targets in Breast Cancer. Journal of Oncology, 2009, 2009, 1-6.	1.3	29
2262	A Versatile Viral System for Expression and Depletion of Proteins in Mammalian Cells. PLoS ONE, 2009, 4, e6529.	2.5	805
2263	Inhibitors of MyD88-Dependent Proinflammatory Cytokine Production Identified Utilizing a Novel RNA Interference Screening Approach. PLoS ONE, 2009, 4, e7029.	2.5	5
2264	Overview of Gene Silencing by RNA Interference. Current Protocols in Nucleic Acid Chemistry, 2009, 36, Unit 16.1.	0.5	13
2265	Chapter 13 Functional Characterization of Phosphorylation Sites in Dynamin-Related Protein 1. Methods in Enzymology, 2009, 457, 231-253.	1.0	47
2266	Transkingdom RNA interference (tkRNAi) as a new delivery tool for therapeutic RNA. Expert Opinion on Biological Therapy, 2009, 9, 1533-1542.	3.1	5
2267	Dissecting genetic requirements of human breast tumorigenesis in a tissue transgenic model of human breast cancer in mice. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7022-7027.	7.1	51
2268	Processing bodies are not required for mammalian nonsense-mediated mRNA decay. Rna, 2009, 15, 1265-1273.	3.5	64
2269	Heat shock factor-1 modulates p53 activity in the transcriptional response to DNA damage. Nucleic Acids Research, 2009, 37, 2962-2973.	14.5	47
2270	Effects of Nickel on Cyclin Expression, Cell Cycle Progression and Cell Proliferation in Human Pulmonary Cells. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 1720-1729.	2.5	45
2271	p38 $\alpha$ and p38 $\beta$ Mediate Oncogenic ras-induced Senescence through Differential Mechanisms. Journal of Biological Chemistry, 2009, 284, 11237-11246.	3.4	69
2272	DNA Damage Triggers p21 <sup>WAF1</sup> -dependent Emi1 Down-Regulation That Maintains G2 Arrest. Molecular Biology of the Cell, 2009, 20, 1891-1902.	2.1	66
2273	Silencing the Breast Cancer Resistance Protein Expression and Function in Caco-2 Cells Using Lentiviral Vector-Based Short Hairpin RNA. Drug Metabolism and Disposition, 2009, 37, 737-744.	3.3	22

#	ARTICLE	IF	CITATIONS
2274	Nuclear Factor of Activated T-Cells Isoform c4 (NFATc4/NFAT3) as a Mediator of Antiapoptotic Transcription in NMDA Receptor-Stimulated Cortical Neurons. <i>Journal of Neuroscience</i> , 2009, 29, 15331-15340.	3.6	63
2275	Requirement for Aralar and Its Ca <sup>2+</sup> -binding Sites in Ca <sup>2+</sup> Signal Transduction in Mitochondria from INS-1 Clonal $\beta^2$ -Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 515-524.	3.4	41
2276	Antagonistic Roles for BRM and BRG1 SWI/SNF Complexes in Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 10067-10075.	3.4	93
2277	The Protein Phosphatase 2A Regulatory Subunits $\beta^2$ and $\beta^1$ Mediate Sustained TrkA Neurotrophin Receptor Autophosphorylation and Neuronal Differentiation. <i>Molecular and Cellular Biology</i> , 2009, 29, 662-674.	2.3	38
2278	miR-22 Inhibits Estrogen Signaling by Directly Targeting the Estrogen Receptor $\beta^1$ mRNA. <i>Molecular and Cellular Biology</i> , 2009, 29, 3783-3790.	2.3	236
2279	Rnd1 Regulates Axon Extension by Enhancing the Microtubule Destabilizing Activity of SCG10. <i>Journal of Biological Chemistry</i> , 2009, 284, 363-371.	3.4	39
2280	Identification of Zinc-finger BED Domain-containing 3 (Zbed3) as a Novel Axin-interacting Protein That Activates Wnt/ $\beta^2$ -Catenin Signaling. <i>Journal of Biological Chemistry</i> , 2009, 284, 6683-6689.	3.4	55
2281	Dok-4 Is a Novel Negative Regulator of T Cell Activation. <i>Journal of Immunology</i> , 2009, 182, 7681-7689.	0.8	19
2282	Regulation of Immature Dendritic Cell Migration by RhoA Guanine Nucleotide Exchange Factor Arhgef5. <i>Journal of Biological Chemistry</i> , 2009, 284, 28599-28606.	3.4	56
2283	Suppression of the Deubiquitinating Enzyme USP5 Causes the Accumulation of Unanchored Polyubiquitin and the Activation of p53. <i>Journal of Biological Chemistry</i> , 2009, 284, 5030-5041.	3.4	172
2284	Delivery of small-interfering RNA (siRNA) to the brain. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 137-140.	5.0	69
2285	The adaptor protein LAD/TSAd mediates laminin-dependent T cell migration via association with the 67 kDa laminin binding protein. <i>Experimental and Molecular Medicine</i> , 2009, 41, 728.	7.7	6
2286	Combinatorial RNAi Against HIV-1 Using Extended Short Hairpin RNAs. <i>Molecular Therapy</i> , 2009, 17, 1712-1723.	8.2	87
2287	Identification of GRO1 as a Critical Determinant for Mutant p53 Gain of Function. <i>Journal of Biological Chemistry</i> , 2009, 284, 12178-12187.	3.4	58
2288	Gene Silencing of Phogrin Unveils Its Essential Role in Glucose-Responsive Pancreatic $\beta^2$ -Cell Growth. <i>Diabetes</i> , 2009, 58, 682-692.	0.6	26
2289	WNT16B Is a New Marker of Cellular Senescence That Regulates p53 Activity and the Phosphoinositide 3-Kinase/AKT Pathway. <i>Cancer Research</i> , 2009, 69, 9183-9191.	0.9	91
2290	Requirement of IFN- $\beta^1$ -Mediated Indoleamine 2,3-Dioxygenase Expression in the Modulation of Lymphocyte Proliferation by Human Adipose-Derived Stem Cells. <i>Tissue Engineering - Part A</i> , 2009, 15, 2795-2806.	3.1	263
2291	Targeted delivery of hepatitis C virus-specific short hairpin RNA in mouse liver using Sendai virosomes. <i>Journal of General Virology</i> , 2009, 90, 1812-1819.	2.9	21

#	ARTICLE	IF	CITATIONS
2292	Desmoglein 1â€‘dependent suppression of EGFR signaling promotes epidermal differentiation and morphogenesis. <i>Journal of Cell Biology</i> , 2009, 185, 1243-1258.	5.2	186
2293	A single amino acid change converts Aurora-A into Aurora-B-like kinase in terms of partner specificity and cellular function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6939-6944.	7.1	82
2294	Identification of a Novel Function of PiT1 Critical for Cell Proliferation and Independent of Its Phosphate Transport Activity. <i>Journal of Biological Chemistry</i> , 2009, 284, 31363-31374.	3.4	127
2295	Promyelocytic Leukemia Protein is Required for Gain of Function by Mutant p53. <i>Cancer Research</i> , 2009, 69, 4818-4826.	0.9	76
2296	Functional Dynamics of Polo-Like Kinase 1 at the Centrosome. <i>Molecular and Cellular Biology</i> , 2009, 29, 3134-3150.	2.3	82
2297	RNAi-mediated inhibition of HIV-1 by targeting partially complementary viral sequences. <i>Nucleic Acids Research</i> , 2009, 37, 6194-6204.	14.5	25
2298	The Slit/Robo System Suppresses Hepatocyte Growth Factor-dependent Invasion and Morphogenesis. <i>Molecular Biology of the Cell</i> , 2009, 20, 642-657.	2.1	53
2299	Chapter 12 twelve Controlled Expression of Ironâ€‘Sulfur Cluster Assembly Components for Respiratory Chain Complexes in Mammalian Cells. <i>Methods in Enzymology</i> , 2009, 456, 209-231.	1.0	21
2300	A Single Recombinant Adenovirus Expressing p53 and p21-targeting Artificial microRNAs Efficiently Induces Apoptosis in Human Cancer Cells. <i>Clinical Cancer Research</i> , 2009, 15, 3725-3732.	7.0	61
2301	<i>Sox7</i> and <i>Sox17</i> are strain-specific modifiers of the lymphangiogenic defects caused by <i>Sox18</i> dysfunction in mice. <i>Development (Cambridge)</i> , 2009, 136, 2385-2391.	2.5	82
2302	Rac3 inhibits adhesion and differentiation of neuronal cells by modifying GIT1 downstream signaling. <i>Journal of Cell Science</i> , 2009, 122, 2127-2136.	2.0	26
2303	A method for detecting and preventing negative RNA interference in preparation of lentiviral vectors for siRNA delivery. <i>Rna</i> , 2009, 15, 732-740.	3.5	11
2304	RNA Interference-Mediated Silencing of the Phosphatidylinositol 3-Kinase Catalytic Subunit Attenuates Growth of Human Ovarian Cancer Cells in vitro and in vivo. <i>Oncology</i> , 2009, 77, 22-32.	1.9	18
2305	Readthrough of nonsense mutation W822X in the SCN5A gene can effectively restore expression of cardiac Na <sup>+</sup> channels. <i>Cardiovascular Research</i> , 2009, 83, 473-480.	3.8	27
2306	RNAi-mediated inhibition of Raf-1 leads to decreased angiogenesis and tumor growth in gastric cancer. <i>Cancer Biology and Therapy</i> , 2009, 8, 174-179.	3.4	7
2307	Expression of Tiam1 and VEGF-C correlates with lymphangiogenesis in human colorectal carcinoma. <i>Cancer Biology and Therapy</i> , 2009, 8, 689-695.	3.4	15
2308	Strong inducible knockdown of APC/C <sup>Cdc20</sup> does not cause mitotic arrest in human somatic cells. <i>Cell Cycle</i> , 2009, 8, 643-646.	2.6	25
2309	Heat shock protein 70 silencing enhances apoptosis inducing factor-mediated cell death in hepatocellular carcinoma HepG2 cells. <i>Cancer Biology and Therapy</i> , 2009, 8, 792-798.	3.4	23

#	ARTICLE	IF	CITATIONS
2310	The Potential of Modulating Small RNA Activity In Vivo. Mini-Reviews in Medicinal Chemistry, 2009, 9, 235-248.	2.4	14
2311	Downregulation of $\beta$ -galactosidase A upregulates CD77: functional impact for Fabry nephropathy. Kidney International, 2009, 75, 399-407.	5.2	22
2312	Amelioration of Psoriasis by Anti-TNF- $\beta$ RNAi in the Xenograft Transplantation Model. Molecular Therapy, 2009, 17, 1743-1753.	8.2	67
2313	Targeting Hypoxia-inducible Factor-1 $\beta$ With Tf $\alpha$ -PEI $\alpha$ -shRNA Complex via Transferrin Receptor $\alpha$ -mediated Endocytosis Inhibits Melanoma Growth. Molecular Therapy, 2009, 17, 269-277.	8.2	52
2314	Involvement of 4E-BP1 in the Protection Induced by HDLs on Pancreatic $\beta$ -Cells. Molecular Endocrinology, 2009, 23, 1572-1586.	3.7	18
2315	Strategies for short hairpin RNA delivery in cancer gene therapy. Expert Opinion on Biological Therapy, 2009, 9, 1357-1368.	3.1	37
2316	Chorionic Gonadotropin Regulates Prostaglandin E Synthase via a Phosphatidylinositol 3-Kinase-Extracellular Regulatory Kinase Pathway in a Human Endometrial Epithelial Cell Line: Implications for Endometrial Responses for Embryo Implantation. Endocrinology, 2009, 150, 4326-4337.	2.8	39
2317	Similar and Distinct Properties of MUPP1 and Patj, Two Homologous PDZ Domain-Containing Tight-Junction Proteins. Molecular and Cellular Biology, 2009, 29, 2372-2389.	2.3	76
2318	Alf-1 expression regulates endothelial cell activation, signal transduction, and vasculogenesis. American Journal of Physiology - Cell Physiology, 2009, 296, C256-C266.	4.6	51
2319	A Factor Graph Nested Effects Model To Identify Networks from Genetic Perturbations. PLoS Computational Biology, 2009, 5, e1000274.	3.2	34
2320	Regulated degradation of FANCM in the Fanconi anemia pathway during mitosis. Genes and Development, 2009, 23, 555-560.	5.9	63
2321	A Significant Increase of RNAi Efficiency in Human Cells by the CMV Enhancer with a tRNA $\lambda$ s Promoter. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-7.	3.0	5
2322	Towards a durable RNAi gene therapy for HIV-AIDS. Expert Opinion on Biological Therapy, 2009, 9, 161-170.	3.1	25
2323	Cilengitide modulates attachment and viability of human glioma cells, but not sensitivity to irradiation or temozolomide in vitro. Neuro-Oncology, 2009, 11, 747-756.	1.2	79
2324	Silencing the myotrophin gene by RNA interference leads to the regression of cardiac hypertrophy. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H627-H636.	3.2	17
2325	Modulation of gene expression in U251 glioblastoma cells by binding of mutant p53 R273H to intronic and intergenic sequences. Nucleic Acids Research, 2009, 37, 1486-1500.	14.5	56
2326	Specific phosphorylation and activation of ERK1c by MEK1b: a unique route in the ERK cascade. Genes and Development, 2009, 23, 1779-1790.	5.9	38
2327	Key Role for Activin B in Cellular Transformation after Loss of the von Hippel-Lindau Tumor Suppressor. Molecular and Cellular Biology, 2009, 29, 1707-1718.	2.3	22

#	ARTICLE	IF	CITATIONS
2328	Arsenic Trioxide Inhibits Hepatitis C Virus RNA Replication through Modulation of the Glutathione Redox System and Oxidative Stress. <i>Journal of Virology</i> , 2009, 83, 2338-2348.	3.4	33
2329	DNA double-strand break repair activities in mammary epithelial cells--influence of endogenous p53 variants. <i>Carcinogenesis</i> , 2009, 30, 1260-1268.	2.8	30
2330	The chromatin remodeling factor CHD8 interacts with elongating RNA polymerase II and controls expression of the cyclin E2 gene. <i>Nucleic Acids Research</i> , 2009, 37, 2449-2460.	14.5	85
2331	Lack of T-Cell Receptor-Induced Signaling Is Crucial for CD95 Ligand Up-regulation and Protects Cutaneous T-Cell Lymphoma Cells from Activation-Induced Cell Death. <i>Cancer Research</i> , 2009, 69, 4175-4183.	0.9	51
2332	The TSC-mTOR Pathway Mediates Translational Activation of TOP mRNAs by Insulin Largely in a Raptor- or Rictor-Independent Manner. <i>Molecular and Cellular Biology</i> , 2009, 29, 640-649.	2.3	111
2333	Therapy of experimental type 1 diabetes by isolated Sertoli cell xenografts alone. <i>Journal of Experimental Medicine</i> , 2009, 206, 2511-2526.	8.5	84
2334	Activated Actin-Depolymerizing Factor/Cofilin Sequesters Phosphorylated Microtubule-Associated Protein during the Assembly of Alzheimer-Like Neuritic Cytoskeletal Striations. <i>Journal of Neuroscience</i> , 2009, 29, 12994-13005.	3.6	84
2335	RNA-interference-based Gene Therapy Approaches to HIV Type-1 Treatment: Tackling the Hurdles from Bench to Bedside. <i>Antiviral Chemistry and Chemotherapy</i> , 2009, 19, 221-233.	0.6	9
2336	Loss of the mammalian APC/C activator FZR1 shortens G1 and lengthens S phase but has little effect on exit from mitosis. <i>Journal of Cell Science</i> , 2009, 122, 4208-4217.	2.0	89
2337	Silencing rapsyn in vivo decreases acetylcholine receptors and augments sodium channels and secondary postsynaptic membrane folding. <i>Neurobiology of Disease</i> , 2009, 35, 14-23.	4.4	15
2338	A structural interpretation of the effect of GC-content on efficiency of RNA interference. <i>BMC Bioinformatics</i> , 2009, 10, S33.	2.6	74
2339	Short hairpin RNA-mediated knockdown of protein expression in <i>Entamoeba histolytica</i> . <i>BMC Microbiology</i> , 2009, 9, 38.	3.3	39
2340	The effect of proteoglycans inhibited by RNA interference on metastatic characters of human salivary adenoid cystic carcinoma. <i>BMC Cancer</i> , 2009, 9, 456.	2.6	20
2341	Fenretinide-induced caspase-8 activation and apoptosis in an established model of metastatic neuroblastoma. <i>BMC Cancer</i> , 2009, 9, 97.	2.6	13
2342	The glycosyltransferase activities of lysyl hydroxylase 3 (LH3) in the extracellular space are important for cell growth and viability. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 508-521.	3.6	40
2343	Conditional knockdown of hMRS2 results in loss of mitochondrial Mg <sup>2+</sup> uptake and cell death. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 693-700.	3.6	65
2344	RNAi-mediated inhibition of MSP58 decreases tumour growth, migration and invasion in a human glioma cell line. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 4608-4622.	3.6	22
2345	The ubiquitin specific protease 4 (USP4) is a new player in the Wnt signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1886-1895.	3.6	68

#	ARTICLE	IF	CITATIONS
2346	Parameters of oligonucleotide-mediated gene modification in mouse ES cells. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1657-1667.	3.6	22
2347	Identification of a novel proapoptotic function of NF- $\kappa$ B in the DNA damage response. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 4239-4256.	3.6	56
2348	Enhanced gene amplification in human cells knocked down for DNA-PKcs. <i>DNA Repair</i> , 2009, 8, 19-28.	2.8	10
2349	HCT116 cells deficient in p21Waf1 are hypersensitive to tyrosine kinase inhibitors and adriamycin through a mechanism unrelated to p21 and dependent on p53. <i>DNA Repair</i> , 2009, 8, 390-399.	2.8	17
2350	siRNAs: their potential as therapeutic agents – Part II. Methods of delivery. <i>Drug Discovery Today</i> , 2009, 14, 859-865.	6.4	33
2351	RNA interference protects horse cells in vitro from infection with Equine Arteritis Virus. <i>Antiviral Research</i> , 2009, 81, 209-216.	4.1	5
2352	Inhibition of HIV-1 replication by long-term treatment with a chimeric RNA containing shRNA and TAR decoy RNA. <i>Antiviral Research</i> , 2009, 83, 156-164.	4.1	2
2353	Knockdown of IGF-IR by RNAi Inhibits SW480 Colon Cancer Cells Growth In Vitro. <i>Archives of Medical Research</i> , 2009, 40, 235-240.	3.3	16
2354	Selection of optimal sites for TGFB1 gene silencing by chitosan-TPP nanoparticle-mediated delivery of shRNA. <i>Cancer Genetics and Cytogenetics</i> , 2009, 190, 8-14.	1.0	49
2355	ZNF423 Is Critically Required for Retinoic Acid-Induced Differentiation and Is a Marker of Neuroblastoma Outcome. <i>Cancer Cell</i> , 2009, 15, 328-340.	16.8	132
2356	Adenoviral vector mediated-expression of caspase-3 siRNA on apoptosis induced by lipopolysaccharide. <i>Journal of Medical Colleges of PLA</i> , 2009, 24, 266-273.	0.1	1
2357	Sustained effects of nonallele-specific <i>Huntingtin</i> silencing. <i>Annals of Neurology</i> , 2009, 65, 276-285.	5.3	196
2359	The glycoprotein fibulin-3 regulates morphology and motility of olfactory ensheathing cells <i>in vitro</i> . <i>Glia</i> , 2009, 57, 424-443.	4.9	44
2360	Role of overexpression of CD151 and/or c-Met in predicting prognosis of hepatocellular carcinoma. <i>Hepatology</i> , 2009, 49, 491-503.	7.3	197
2361	Oncogenic human papillomaviruses block expression of the cell translocation gene tumor suppressor gene. <i>International Journal of Cancer</i> , 2009, 125, 2014-2020.	5.1	5
2362	Apoptosis of glomerular mesangial cells induced by sublytic C5b-9 complexes in rats with Thy-1 nephritis is dependent on Gadd45 <sup>3</sup> upregulation. <i>European Journal of Immunology</i> , 2009, 39, 3251-3266.	2.9	23
2363	Identification and characterization of the mitochondrial targeting sequence and mechanism in human citrate synthase. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 1002-1015.	2.6	36
2364	An shRNA silencing a non-toxic transgene reduces nutrient consumption and increases production of adenoviral vectors in a novel packaging cell. <i>Journal of Cellular Physiology</i> , 2009, 219, 365-371.	4.1	6



#	ARTICLE	IF	CITATIONS
2365	High efficiency transfection of short hairpin RNAs encoding plasmids into primary hippocampal neurons. <i>Journal of Neuroscience Research</i> , 2009, 87, 289-300.	2.9	16
2366	Silencing of choline acetyltransferase expression by lentivirus-mediated RNA interference in cultured cells and in the adult rodent brain. <i>Journal of Neuroscience Research</i> , 2009, 87, 532-544.	2.9	21
2367	Neuron-specific RNA interference using lentiviral vectors. <i>Journal of Gene Medicine</i> , 2009, 11, 559-569.	2.8	40
2368	Bipartite vectors for co-expression of a growth factor cDNA and short hairpin RNA against an apoptotic gene. <i>Journal of Gene Medicine</i> , 2009, 11, 764-771.	2.8	10
2369	RNA Interference: From Basic Research to Therapeutic Applications. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1378-1398.	13.8	288
2370	The glycocalyx maintains a cell surface pH nanoenvironment crucial for integrin-mediated migration of human melanoma cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 458, 1069-1083.	2.8	49
2371	Application of Nucleic-acid-based Therapeutics for Viral Infections in Shrimp Aquaculture. <i>Marine Biotechnology</i> , 2009, 11, 1-9.	2.4	44
2372	Effect of focal adhesion kinase on cytoskeletal arrangement of HepG2 cells induced by hypoxia. <i>Chinese-German Journal of Clinical Oncology</i> , 2009, 8, 129-133.	0.1	0
2373	RNAi silencing MTA1 gene inhibits invasion and migration of esophageal carcinoma cell EC9706. <i>Chinese-German Journal of Clinical Oncology</i> , 2009, 8, 320-323.	0.1	0
2374	Synthesis of hairpin siRNA using 18 <sup>2</sup> -glycyrrhetic acid derivative as a loop motif. <i>Tetrahedron Letters</i> , 2009, 50, 2545-2547.	1.4	5
2375	Induction of apoptosis by Hax1 siRNA in melanoma cells. <i>Cell Biology International</i> , 2009, 33, 548-554.	3.0	24
2376	Novel ultrasound-targeted microbubble destruction mediated short hairpin RNA plasmid transfection targeting survivin inhibits gene expression and induces apoptosis of HeLa cells. <i>Molecular Biology Reports</i> , 2009, 36, 2059-2067.	2.3	19
2377	Effect of Hypoxia-inducible Factor-1 $\alpha$ Silencing on the Sensitivity of Human Brain Glioma Cells to Doxorubicin and Etoposide. <i>Neurochemical Research</i> , 2009, 34, 984-990.	3.3	44
2378	Antisense Makes Sense in Engineered Regenerative Medicine. <i>Pharmaceutical Research</i> , 2009, 26, 263-275.	3.5	34
2379	siRNA Directed Against Survivin Enhances Pancreatic Cancer Cell Gemcitabine Chemosensitivity. <i>Digestive Diseases and Sciences</i> , 2009, 54, 89-96.	2.3	43
2380	RNAi Inhibits Coriaria Lactone-Induced MDR1b Overexpression in Rat Brain Microvascular Endothelial Cells. <i>Journal of Molecular Neuroscience</i> , 2009, 39, 284-293.	2.3	5
2381	shRNA Expression Plasmids Generated by a Novel Method Efficiently Induce Gene-Specific Knockdown in a Silkworm Cell Line. <i>Molecular Biotechnology</i> , 2009, 41, 173-179.	2.4	28
2382	Low concentration of GA activates a preconditioning response in HepG2 cells during oxidative stress roles of Hsp90 and vimentin. <i>Cell Stress and Chaperones</i> , 2009, 14, 381-389.	2.9	7



#	ARTICLE	IF	CITATIONS
2383	Non-viral gene carrier mediated short hairpin RNA interference for inhibition of tumor cells growth. Science Bulletin, 2009, 54, 2947-2952.	1.7	0
2384	Effects of RNAi-mediated gene silencing of LRIG3 expression on cell cycle and survival of glioma cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2009, 29, 88-93.	1.0	3
2385	Effect of down-regulation of TRPC6 on the puromycin aminonucleoside-induced apoptosis of mouse podocytes. Journal of Huazhong University of Science and Technology [Medical Sciences], 2009, 29, 417-422.	1.0	16
2386	Efficient shRNA delivery into B and T lymphoma cells using lentiviral vector-mediated transfer. Journal of Hematopathology, 2009, 2, 9-19.	0.4	33
2387	Identification and functional characterization of the novel acute monocytic leukemia associated antigen MLAA-34. Cancer Immunology, Immunotherapy, 2009, 58, 281-290.	4.2	17
2388	Specific Knockdown of OCT4 in Human Embryonic Stem Cells by Inducible Short Hairpin RNA Interference. Stem Cells, 2009, 27, 776-782.	3.2	50
2389	Zinc Finger Protein 191 (ZNF191/Zfp191) Is Necessary to Maintain Neural Cells As Cycling Progenitors. Stem Cells, 2009, 27, 1643-1653.	3.2	32
2390	A noncoding RNA gene on chromosome 10p15.3 may function upstream of hTERT. BMC Molecular Biology, 2009, 10, 5.	3.0	15
2391	Construction of siRNA/miRNA expression vectors based on a one-step PCR process. BMC Biotechnology, 2009, 9, 53.	3.3	15
2392	Characterization of a potent non-cytotoxic shRNA directed to the HIV-1 co-receptor CCR5. Genetic Vaccines and Therapy, 2009, 7, 8.	1.5	39
2393	Identification of CENP-E as a novel microtubule-associated molecule that activates Src family kinases through SH3 domain interaction. Genes To Cells, 2009, 14, 1383-1394.	1.2	22
2394	Effects of PI3K/Akt short hairpin RNA on proliferation, fibronectin production and synthesis of thrombospondin-1 and transforming growth factor- $\beta$ 1 in glomerular mesangial cells induced by sublytic C5b-9 complexes. Cell Proliferation, 2009, 42, 83-93.	5.3	13
2395	GPR30 Differentially Regulates Short Latency Responses of Luteinising Hormone and Prolactin Secretion to Oestradiol. Journal of Neuroendocrinology, 2009, 21, 743-752.	2.6	24
2396	AP-2 $\beta$ promotes proliferation in breast tumour cells by direct repression of the CDKN1A gene. EMBO Journal, 2009, 28, 3591-3601.	7.8	38
2397	Microtubule nucleation at the cis-side of the Golgi apparatus requires AKAP450 and GM130. EMBO Journal, 2009, 28, 1016-1028.	7.8	283
2398	Regulation of human myoblast differentiation by PEBP4. EMBO Reports, 2009, 10, 278-284.	4.5	37
2399	Prevention of interferon-stimulated gene expression using microRNA-designed hairpins. Gene Therapy, 2009, 16, 142-147.	4.5	86
2400	Identification of a novel cyclin required for the intrinsic apoptosis pathway in lymphoid cells. Cell Death and Differentiation, 2009, 16, 230-243.	11.2	19

#	ARTICLE	IF	CITATIONS
2401	Multitarget therapy of malignant cancers by the head-to-tail tandem array multiple shRNAs expression system. <i>Cancer Gene Therapy</i> , 2009, 16, 516-531.	4.6	19
2402	Inhibition of renal cancer cell growth in vitro and in vivo with oncolytic adenovirus armed short hairpin RNA targeting Ki-67 encoding mRNA. <i>Cancer Gene Therapy</i> , 2009, 16, 20-32.	4.6	39
2403	Suppression of N-Ras by shRNA-expressing plasmid increases sensitivity of HepG2 cells to vincristine-induced growth inhibition. <i>Cancer Gene Therapy</i> , 2009, 16, 693-702.	4.6	16
2404	The bioenergetic and antioxidant status of neurons is controlled by continuous degradation of a key glycolytic enzyme by APC/Cdh1. <i>Nature Cell Biology</i> , 2009, 11, 747-752.	10.3	671
2405	Axin determines cell fate by controlling the p53 activation threshold after DNA damage. <i>Nature Cell Biology</i> , 2009, 11, 1128-1134.	10.3	82
2406	p53 isoforms p133p53 and p53 $\beta$ are endogenous regulators of replicative cellular senescence. <i>Nature Cell Biology</i> , 2009, 11, 1135-1142.	10.3	276
2407	The EMT-activator ZEB1 promotes tumorigenicity by repressing stemness-inhibiting microRNAs. <i>Nature Cell Biology</i> , 2009, 11, 1487-1495.	10.3	1,547
2408	RNAi screening: tips and techniques. <i>Nature Immunology</i> , 2009, 10, 799-804.	14.5	52
2409	Prospects of antisense therapy technologies. <i>Molecular Biology</i> , 2009, 43, 917-929.	1.3	10
2410	SMG6 promotes endonucleolytic cleavage of nonsense mRNA in human cells. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 49-55.	8.2	349
2411	The execution of the transcriptional axis mutant p53, E2F1 and ID4 promotes tumor neo-angiogenesis. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 1086-1093.	8.2	182
2412	Calpain small-1 modulates Akt/FoxO3A signaling and apoptosis through PP2A. <i>Oncogene</i> , 2009, 28, 721-733.	5.9	50
2413	Transient receptor potential channel C3 contributes to the progression of human ovarian cancer. <i>Oncogene</i> , 2009, 28, 1320-1328.	5.9	125
2414	Cyclophilins contribute to Stat3 signaling and survival of multiple myeloma cells. <i>Oncogene</i> , 2009, 28, 2784-2795.	5.9	60
2415	Loss-of-function genetic screens as a tool to improve the diagnosis and treatment of cancer. <i>Oncogene</i> , 2009, 28, 4409-4420.	5.9	73
2416	Stable interference of EWS-FLI1 in an Ewing sarcoma cell line impairs IGF-1/IGF-1R signalling and reveals TOPK as a new target. <i>British Journal of Cancer</i> , 2009, 101, 80-90.	6.4	137
2417	Toward a Durable Anti-HIV Gene Therapy Based on RNA Interference. <i>Annals of the New York Academy of Sciences</i> , 2009, 1175, 3-14.	3.8	31
2418	Therapeutic opportunities of small interfering RNA. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 367-386.	1.9	9

#	ARTICLE	IF	CITATIONS
2419	Specific knock-down of GAD67 in the striatum using naked small interfering RNAs. Journal of Biotechnology, 2009, 142, 185-192.	3.8	16
2420	A recombinase-based palindrome generator capable of producing randomized shRNA libraries. Journal of Biotechnology, 2009, 143, 79-84.	3.8	5
2421	Targeted knock-down of neuronal nitric oxide synthase expression in basal forebrain with RNA interference. Journal of Neuroscience Methods, 2009, 179, 292-299.	2.5	11
2422	Frameworks for Programming Biological Function through RNA Parts and Devices. Chemistry and Biology, 2009, 16, 298-310.	6.0	108
2423	Inhibition of 4E-BP1 Sensitizes U87 Glioblastoma Xenograft Tumors to Irradiation by Decreasing Hypoxia Tolerance. International Journal of Radiation Oncology Biology Physics, 2009, 73, 1219-1227.	0.8	36
2424	RNA interference against aldehyde dehydrogenase-2: development of tools for alcohol research. Alcohol, 2009, 43, 97-104.	1.7	12
2425	Shortâ€hairpinâ€RNAâ€mediated silencing of fucosyltransferase 8 in Chineseâ€hamster ovary cells for the production of antibodies with enhanced antibody immune effector function. Biotechnology and Applied Biochemistry, 2009, 53, 31-37.	3.1	23
2426	Targeted suppression of <i>Has2</i> mRNA in mouse cumulus cellâ€oocyte complexes by adenovirusâ€mediated shortâ€hairpin RNA expression. Molecular Reproduction and Development, 2009, 76, 537-547.	2.0	54
2427	Using RNA Interference to Study Protein Function. Methods in Molecular Biology, 2009, 505, 187-204.	0.9	18
2428	RNAi Experiments in Mouse Oocytes and Early Embryos. Cold Spring Harbor Protocols, 2009, 2009, pdb.top56-pdb.top56.	0.3	11
2429	Lipid-based systemic delivery of siRNA. Advanced Drug Delivery Reviews, 2009, 61, 721-731.	13.7	424
2430	Nonviral vector-mediated RNA interference: Its gene silencing characteristics and important factors to achieve RNAi-based gene therapy. Advanced Drug Delivery Reviews, 2009, 61, 760-766.	13.7	97
2431	Small silencing RNAs: State-of-the-art. Advanced Drug Delivery Reviews, 2009, 61, 672-703.	13.7	164
2432	Transfer, analysis, and reversion of the fibrous dysplasia cellular phenotype in human skeletal progenitors. Journal of Bone and Mineral Research, 2010, 25, 1103-1116.	2.8	77
2433	Effects of receptor activator of NF- $\kappa$ B ligand gene silencing on the human osteoblast-like MG63 cells. Biologia (Poland), 2009, 64, 208-214.	1.5	0
2434	Suppression of zebrafish VEGF gene by cytomegalovirus promoter-driven short hairpin constructs induces vascular development defects and down regulation NRP1 expression. Biologia (Poland), 2009, 64, 1025-1031.	1.5	2
2435	VEGF gene silencing by cytomegalovirus promoter driven ShRNA expression vector results in vascular development defects in zebrafish. Russian Journal of Genetics, 2009, 45, 1040-1046.	0.6	0
2436	Antagonism of the mammalian target of rapamycin selectively mediates metabolic effects of epidermal growth factor receptor inhibition and protects human malignant glioma cells from hypoxia-induced cell death. Brain, 2009, 132, 1509-1522.	7.6	42

#	ARTICLE	IF	CITATIONS
2437	A Framework for Multiple Kernel Support Vector Regression and Its Applications to siRNA Efficacy Prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2009, 6, 190-199.	3.0	82
2438	Regulated and Multiple miRNA and siRNA Delivery Into Primary Cells by a Lentiviral Platform. Molecular Therapy, 2009, 17, 1039-1052.	8.2	83
2439	Resources for Small Regulatory RNAs. Current Protocols in Molecular Biology, 2009, 87, Unit19.8.	2.9	2
2440	Porcine Type III RNA Polymerase III Promoters for Short Hairpin RNA Expression. Animal Biotechnology, 2009, 20, 34-39.	1.5	9
2441	Progress towards Therapeutic Application of RNA Interference for HIV Infection. BioDrugs, 2009, 23, 269-276.	4.6	15
2442	Pharmaceutical Perspectives of Cancer Therapeutics. , 2009, , .		15
2443	Inhibition of LRIG3 gene expression via RNA interference modulates the proliferation, cell cycle, cell apoptosis, adhesion and invasion of glioblastoma cell (GL15). Cancer Letters, 2009, 278, 104-112.	7.2	26
2444	Down-regulation of $\beta_1$ integrin by retroviral delivery of small interfering RNA reduces multicellular resistance of HT29. Cancer Letters, 2009, 284, 182-188.	7.2	19
2445	The transmembrane nucleoporin NDC1 is required for targeting of ALADIN to nuclear pore complexes. Biochemical and Biophysical Research Communications, 2009, 389, 100-104.	2.1	36
2446	An advanced blue-white screening method for construction of shRNA expression vectors. Biochemical and Biophysical Research Communications, 2009, 390, 97-102.	2.1	5
2447	Effects of silencing of HER2/neu gene in anti-BPDE-transformed cells. Toxicology in Vitro, 2009, 23, 53-59.	2.4	7
2448	Pivotal role of c-Fos in nitric oxide synthase 2 expression in airway epithelial cells. Nitric Oxide - Biology and Chemistry, 2009, 20, 143-149.	2.7	7
2449	Targeting Marek's disease virus by RNA interference delivered from a herpesvirus vaccine. Vaccine, 2009, 27, 298-306.	3.8	29
2450	$\beta$ -Np63 antagonizes p53 to regulate mesoderm induction in <i>Xenopus laevis</i> . Developmental Biology, 2009, 329, 130-139.	2.0	12
2451	Intensive RNAi with lentiviral vectors in mammalian cells. Methods, 2009, 47, 298-303.	3.8	19
2452	Effect of reducing hypothalamic ghrelin receptor gene expression on energy balance. Peptides, 2009, 30, 1336-1341.	2.4	37
2453	MUC1 Knockdown With RNA Interference Inhibits Pancreatic Cancer Growth. Journal of Surgical Research, 2009, 157, e39-e46.	1.6	9
2454	Dual Expression Lentiviral Vectors for Concurrent RNA Interference and Rescue. Journal of Surgical Research, 2009, 156, 50-56.	1.6	9

#	ARTICLE	IF	CITATIONS
2455	Cytoplasmic localization of the androgen receptor is independent of calreticulin. <i>Molecular and Cellular Endocrinology</i> , 2009, 302, 65-72.	3.2	28
2456	JunB is a repressor of MMP-9 transcription in depolarized rat brain neurons. <i>Molecular and Cellular Neurosciences</i> , 2009, 40, 98-110.	2.2	38
2457	SynCAM1 recruits NMDA receptors via Protein 4.1B. <i>Molecular and Cellular Neurosciences</i> , 2009, 42, 466-483.	2.2	48
2458	Selective ablation of Notch3 in HCC enhances doxorubicin's death promoting effect by a p53 dependent mechanism. <i>Journal of Hepatology</i> , 2009, 50, 969-979.	3.7	87
2459	Mutations in the heme b-binding residue of SDHC inhibit assembly of respiratory chain complex II in mammalian cells. <i>Mitochondrion</i> , 2009, 9, 254-260.	3.4	41
2460	Generation of shRNA Transgenic Mice. <i>Methods in Molecular Biology</i> , 2009, 530, 101-129.	0.9	28
2461	Identifying Modifiers of Tamoxifen Sensitivity Using High-Throughput Genetic and Chemical Screens. , 2009, , 161-174.		0
2462	Inhibition of HCV Replication by Small Interfering RNA. <i>Methods in Molecular Biology</i> , 2009, 510, 251-262.	0.9	13
2463	Short-hairpin RNAs delivered by lentiviral vector transduction trigger RIG-I-mediated IFN activation. <i>Nucleic Acids Research</i> , 2009, 37, 6587-6599.	14.5	38
2464	Elevated expression of p53 gain-of-function mutation R175H in endometrial cancer cells can increase the invasive phenotypes by activation of the EGFR/PI3K/AKT pathway. <i>Molecular Cancer</i> , 2009, 8, 103.	19.2	66
2465	96 shRNAs designed for maximal coverage of HIV-1 variants. <i>Retrovirology</i> , 2009, 6, 55.	2.0	38
2466	CBP/p300 is a cell type-specific modulator of CLOCK/BMAL1-mediated transcription. <i>Molecular Brain</i> , 2009, 2, 34.	2.6	55
2467	Polyelectrolyte microcapsules for biomedical applications. <i>Soft Matter</i> , 2009, 5, 282-291.	2.7	276
2468	Lentiviral Transgenesis. <i>Methods in Molecular Biology</i> , 2009, 530, 391-405.	0.9	50
2469	Increased telomere fragility and fusions resulting from <i>TRF1</i> deficiency lead to degenerative pathologies and increased cancer in mice. <i>Genes and Development</i> , 2009, 23, 2060-2075.	5.9	317
2470	Genetic Modification of Hematopoietic Stem Cells. <i>Methods in Molecular Biology</i> , 2009, 506, v-xi.	0.9	2
2473	Stable Lentiviral Vector-Mediated Gene Silencing in Human Monocytic Cell Lines. <i>Methods in Molecular Biology</i> , 2009, 531, 287-300.	0.9	4
2474	Bacterial Delivery of siRNAs: A New Approach to Solid Tumor Therapy. <i>Methods in Molecular Biology</i> , 2009, 487, 1-27.	0.9	20

#	ARTICLE	IF	CITATIONS
2475	Stem Cells in Regenerative Medicine. Methods in Molecular Biology, 2009, , .	0.9	8
2476	Expression and biological significance of c-FLIP in human hepatocellular carcinomas. Journal of Experimental and Clinical Cancer Research, 2009, 28, 24.	8.6	34
2477	pSM155 and pSM30 Vectors for miRNA and shRNA Expression. Methods in Molecular Biology, 2009, 487, 1-15.	0.9	8
2478	MicroRNA Interference Technologies. , 2009, , .		19
2480	siRNA and miRNA Gene Silencing. Methods in Molecular Biology, 2009, , .	0.9	5
2481	Macrophages and Dendritic Cells. Methods in Molecular Biology, 2009, 531, v-vi.	0.9	27
2482	Antiviral Strategies. Handbook of Experimental Pharmacology, 2009, , .	1.8	3
2483	Functional shRNA expression system with reduced off-target effects. , 2009, , .		1
2484	Dysregulation of unfolded protein response partially underlies proapoptotic activity of bortezomib in multiple myeloma cells. Leukemia and Lymphoma, 2009, 50, 974-984.	1.3	60
2485	RNA Interference Technologies and Therapeutics. BioDrugs, 2009, 23, 305-332.	4.6	42
2486	Fabrication of polyvalent therapeutic RNA nanoparticles for specific delivery of siRNA, ribozyme and drugs to targeted cells for cancer therapy. , 2009, 2009, 9-12.		14
2487	Chemical Modification of siRNA. Current Protocols in Nucleic Acid Chemistry, 2009, 39, Unit 16.3.	0.5	43
2488	The Chemokine Receptor CXCR4 and the Metalloproteinase MT1-MMP Are Mutually Required during Melanoma Metastasis to Lungs. American Journal of Pathology, 2009, 174, 602-612.	3.8	74
2489	Modulation of the E2F1-Driven Cancer Cell Fate by the DNA Damage Response Machinery and Potential Novel E2F1 Targets in Osteosarcomas. American Journal of Pathology, 2009, 175, 376-391.	3.8	48
2490	Syk Tyrosine Kinase Acts as a Pancreatic Adenocarcinoma Tumor Suppressor by Regulating Cellular Growth and Invasion. American Journal of Pathology, 2009, 175, 2625-2636.	3.8	43
2491	From Midbody Proteinâ~Protein Interaction Network Construction to Novel Regulators in Cytokinesis. Journal of Proteome Research, 2009, 8, 4943-4953.	3.7	24
2492	Nucleic Acids-Based Therapeutics in the Battle Against Pathogenic Viruses. Handbook of Experimental Pharmacology, 2009, , 243-263.	1.8	36
2493	Use of liposomes as drug delivery vehicles for treatment of melanoma. Pigment Cell and Melanoma Research, 2009, 22, 388-399.	3.3	92

#	ARTICLE	IF	CITATIONS
2494	Sp1 upregulates expression of TRF2 and TRF2 inhibition reduces tumorigenesis in human colorectal carcinoma cells. <i>Cancer Biology and Therapy</i> , 2009, 8, 2165-2173.	3.4	23
2495	The actin-binding and bundling protein, EPLIN, is required for cytokinesis. <i>Cell Cycle</i> , 2009, 8, 757-764.	2.6	33
2496	Dual silencing of epidermal growth factor and insulin-like growth factor 1 receptors significantly limits growth of nasopharyngeal carcinoma in nude mice. <i>Journal of Laryngology and Otology</i> , 2009, 123, 208-222.	0.8	3
2497	Co-activator SRC-1 is dispensable for transcriptional control by STAT3. <i>Biochemical Journal</i> , 2009, 420, 123-132.	3.7	8
2498	Integrin $\alpha_5\beta_3$ on human endothelial cells binds von Willebrand factor strings under fluid shear stress. <i>Blood</i> , 2009, 113, 1589-1597.	1.4	126
2499	Selective reduction of JAK2V617F-dependent cell growth by siRNA/shRNA and its reversal by cytokines. <i>Blood</i> , 2009, 114, 1842-1851.	1.4	24
2500	MAL/SRF complex is involved in platelet formation and megakaryocyte migration by regulating MYL9 (MLC2) and MMP9. <i>Blood</i> , 2009, 114, 4221-4232.	1.4	77
2501	EphA1 receptor silencing by small interfering RNA has antiangiogenic and antitumor efficacy in hepatocellular carcinoma. <i>Oncology Reports</i> , 2009, 23, .	2.6	10
2502	Regulating Gene Expression through Engineered RNA Technologies. , 2009, , .		1
2503	Does RNA interference provide new hope for control of chronic hepatitis B infection?. <i>Antiviral Therapy</i> , 2009, 14, 879-889.	1.0	11
2504	Targeting Allergic Airway Diseases by siRNA: An Option for the Future?. <i>Current Molecular Medicine</i> , 2009, 9, 483-494.	1.3	5
2505	Lentiviral Delivery of RNAi Effectors Against HIV-1. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 1130-1143.	2.1	21
2506	RNAi Applications in Therapy Development for Neurodegenerative Disease. <i>Current Pharmaceutical Design</i> , 2009, 15, 3977-3991.	1.9	27
2507	In Search of the Most Suitable Lentiviral shRNA System. <i>Current Gene Therapy</i> , 2009, 9, 192-211.	2.0	16
2508	Pooled RNAi Screens - Technical and Biological Aspects. <i>Current Genomics</i> , 2010, 11, 162-167.	1.6	19
2509	Recent Patents in Antiviral siRNAs. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2010, 5, 44-57.	0.8	4
2510	Small Non-Coding RNAs as Novel Therapeutics. <i>Current Molecular Medicine</i> , 2010, 10, 361-368.	1.3	69
2511	RNA Interference to Treat Enteroviral Disease: Current Status and Clinical Perspectives. <i>Current Molecular Medicine</i> , 2010, 10, 550-564.	1.3	2



#	ARTICLE	IF	CITATIONS
2512	RNA- and DNA- Based Therapies for Huntington's Disease. <i>Frontiers in Neuroscience</i> , 2010, , 225-253.	0.0	3
2513	MicroRNA-125a/b-5p inhibits endothelin-1 expression in vascular endothelial cells. <i>Journal of Hypertension</i> , 2010, 28, 1646-1654.	0.5	116
2514	Engineered E. coli as Vehicles for Targeted Therapeutics. <i>Current Gene Therapy</i> , 2010, 10, 27-33.	2.0	14
2515	C/EBP $\alpha$ expression in ALK-positive anaplastic large cell lymphomas is required for cell proliferation and is induced by the STAT3 signaling pathway. <i>Haematologica</i> , 2010, 95, 760-767.	3.5	58
2516	Short hairpin RNAs specific to human cytomegalovirus terminase subunit pUL89 prevent viral maturation. <i>Antiviral Therapy</i> , 2010, 15, 391-400.	1.0	5
2517	Effects of shRNA targeting maspin on invasion of gastric carcinoma SGC7901 cell line. <i>Oncology Reports</i> , 2010, 25, .	2.6	2
2518	HPV-16 E6 upregulation of DNMT1 through repression of tumor suppressor p53. <i>Oncology Reports</i> , 2010, 24, 1599-604.	2.6	114
2519	Regulation of Cell Death and Survival by RNA Interference – The Roles of miRNA and siRNA. , 2010, , 95-117.		3
2520	Targeting miRNAs in osteoblast differentiation and bone formation. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 1109-1120.	3.4	62
2521	Targeting MARCO can lead to enhanced dendritic cell motility and anti-melanoma activity. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 875-884.	4.2	27
2522	RNA interference targeting programmed death receptor-1 improves immune functions of tumor-specific T cells. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 1173-1183.	4.2	47
2523	Depletion of hCINAP by RNA interference causes defects in Cajal body formation, histone transcription, and cell viability. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1907-1918.	5.4	24
2524	Methods in mammalian cell line engineering: from random mutagenesis to sequence-specific approaches. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 425-436.	3.6	59
2525	Different angiogenesis effect of mini-TyrRS/mini-TrpRS by systemic administration of modified siRNAs in rats with acute myocardial infarction. <i>Heart and Vessels</i> , 2010, 25, 324-332.	1.2	10
2526	Downregulation of IGF-IR expression by RNAi inhibits proliferation and enhances chemosensitization of human colon cancer cells. <i>International Journal of Colorectal Disease</i> , 2010, 25, 9-16.	2.2	15
2527	Downregulation of Wnt-Mediated ROS Generation Is Causally Implicated in Leprechaunism. <i>Molecules and Cells</i> , 2010, 29, 63-70.	2.6	14
2528	Characterization and differentiation potential of rat ventral mesencephalic neuronal progenitor cells immortalized with SV40 large T antigen. <i>Cell and Tissue Research</i> , 2010, 340, 29-43.	2.9	10
2529	RNAi-mediated ADAM9 gene silencing inhibits metastasis of adenoid cystic carcinoma cells. <i>Tumor Biology</i> , 2010, 31, 217-224.	1.8	20

#	ARTICLE	IF	CITATIONS
2530	Influence of osteopontin short hairpin RNA on the proliferation and invasion of human renal cancer cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2010, 30, 61-68.	1.0	6
2531	Stable suppression of gene expression by short interfering RNAs targeted to promoter in a mouse embryonal carcinoma stem cell line. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 834-840.	1.5	4
2532	Inhibition of proliferation induced by cyclin D1 gene silence in human renal carcinoma ACHN cells. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2010, 22, 316-322.	2.2	1
2533	Recombinant hexahistidine arginine decarboxylase (hisADC) induced endogenous agmatine synthesis during stress. Molecular and Cellular Biochemistry, 2010, 345, 53-60.	3.1	13
2534	Multipurpose modular lentiviral vectors for RNA interference and transgene expression. Molecular Biology Reports, 2010, 37, 2863-2870.	2.3	7
2535	Development of a targeted siRNA delivery system using FOL-PEG-PEI conjugate. Molecular Biology Reports, 2010, 37, 2919-2926.	2.3	32
2536	Variegation and silencing in a lentiviral-based murine transgenic model. Transgenic Research, 2010, 19, 399-414.	2.4	20
2537	Construction of a multiple targeting RNAi plasmid that inhibits target gene expression and FMDV replication in BHK-21 cells and suckling mice. Veterinary Research Communications, 2010, 34, 335-346.	1.6	12
2538	Genes Regulated by Nkx2-3 in Sporadic and Inflammatory Bowel Disease-Associated Colorectal Cancer Cell Lines. Digestive Diseases and Sciences, 2010, 55, 3171-3180.	2.3	21
2539	Delivery of therapeutic shRNA and siRNA by Tat fusion peptide targeting bcrâ€“abl fusion gene in Chronic Myeloid Leukemia cells. Journal of Controlled Release, 2010, 145, 272-280.	9.9	69
2540	Taiwanin A inhibits MCF-7 cancer cell activity through induction of oxidative stress, upregulation of DNA damage checkpoint kinases, and activation of p53 and FasL/Fas signaling pathways. Phytomedicine, 2010, 18, 16-24.	5.3	29
2541	Efficient downregulation of multiple mRNA targets with a single shRNA-expressing lentiviral vector. Plasmid, 2010, 63, 143-149.	1.4	13
2542	RNA Interference inhibits Hepatitis B Virus of different genotypes in Vitro and in Vivo. BMC Microbiology, 2010, 10, 214.	3.3	23
2543	Cellular toxicity following application of adeno-associated viral vector-mediated RNA interference in the nervous system. BMC Neuroscience, 2010, 11, 20.	1.9	73
2544	Anticipating and blocking HIV-1 escape by second generation antiviral shRNAs. Retrovirology, 2010, 7, 52.	2.0	45
2545	XIAP-mediated protection of H460 lung cancer cells against cisplatin. European Journal of Pharmacology, 2010, 627, 75-84.	3.5	37
2546	Optimization of shRNA inhibitors by variation of the terminal loop sequence. Antiviral Research, 2010, 86, 204-211.	4.1	36
2547	Expression of targeting protein for Xenopus kinesin-like protein 2 is associated with progression of human malignant astrocytoma. Brain Research, 2010, 1352, 200-207.	2.2	32

#	ARTICLE	IF	CITATIONS
2548	IKKÎ± negatively regulates IRF-5 function in a MyD88â€“TRAF6 pathway. <i>Cellular Signalling</i> , 2010, 22, 117-127.	3.6	35
2549	Quantification of transforming capacity and cooperation of defined genetic alterations in myeloid malignancies. <i>Experimental Hematology</i> , 2010, 38, 11-19.	0.4	4
2550	Transcriptional suppression of breast cancer resistance protein (BCRP) by wildâ€type p53 through the NFâ€B pathway in MCFâ€7 cells. <i>FEBS Letters</i> , 2010, 584, 3392-3397.	2.8	37
2551	Clathrin assembly proteins AP180 and CALM in the embryonic rat brain. <i>Journal of Comparative Neurology</i> , 2010, 518, 3803-3818.	1.6	17
2552	Adenoâ€associated virusâ€delivered short hairpinâ€structured RNA for androgen receptor gene silencing induces tumor eradication of prostate cancer xenografts in nude mice: A preclinical study. <i>International Journal of Cancer</i> , 2010, 126, 764-774.	5.1	39
2553	Activation of ADF/cofilin mediates attractive growth cone turning toward nerve growth factor and netrinâ€1. <i>Developmental Neurobiology</i> , 2010, 70, 565-588.	3.0	71
2554	Enhancing glycoprotein sialylation by targeted gene silencing in mammalian cells. <i>Biotechnology and Bioengineering</i> , 2010, 105, 1094-1105.	3.3	51
2555	Modeling of congenital erythropoietic porphyria by RNA interference: a new tool for preclinical gene therapy evaluation. <i>Journal of Gene Medicine</i> , 2010, 12, 637-646.	2.8	6
2556	Knockdown of PIK3R1 by shRNA inhibits the activity of the splenic macrophages associated with hypersplenism due to portal hypertension. <i>Pathology Research and Practice</i> , 2010, 206, 760-767.	2.3	14
2557	The characteristics and performance of a multifunctional nanoassembly system for the co-delivery of docetaxel and iSur-pDNA in a mouse hepatocellular carcinoma model. <i>Biomaterials</i> , 2010, 31, 916-922.	11.4	73
2558	Regulation of cytokines by small RNAs during skin inflammation. <i>Journal of Biomedical Science</i> , 2010, 17, 53.	7.0	39
2559	A direct comparison of strategies for combinatorial RNA interference. <i>BMC Molecular Biology</i> , 2010, 11, 77.	3.0	17
2560	Controlled expression of functional miR-122 with a ligand inducible expression system. <i>BMC Biotechnology</i> , 2010, 10, 76.	3.3	6
2561	Silencing the expression of platelet endothelial cell adhesion moleculeâ€1 prevents allogeneic Tâ€cell cytotoxicity. <i>Transfusion</i> , 2010, 50, 1988-2000.	1.6	3
2562	BTG2 antagonizes Pin1 in response to mitogens and telomere disruption during replicative senescence. <i>Aging Cell</i> , 2010, 9, 747-760.	6.7	35
2563	Modulation of Microvascular Smooth Muscle Adhesion and Mechanotransduction by Integrin-Linked Kinase. <i>Microcirculation</i> , 2010, 17, 113-127.	1.8	10
2564	The SPCA1 Ca <sup>2+</sup> Pump and Intracellular Membrane Trafficking. <i>Traffic</i> , 2010, 11, 1315-1333.	2.7	58
2565	The E3 ubiquitin ligase Itch regulates sorting nexinâ€9 through an unconventional substrate recognition domain. <i>FEBS Journal</i> , 2010, 277, 2803-2814.	4.7	16

2567	TGF- $\beta$ 1 signal pathway may contribute to rhabdomyosarcoma development by inhibiting differentiation. Cancer Science, 2010, 101, 1108-1116.	3.9	23
2568	Role of Mdm4 in drug sensitivity of breast cancer cells. Oncogene, 2010, 29, 2415-2426.	5.9	45
2569	Status of p53 in human cancer cells does not predict efficacy of CHK1 kinase inhibitors combined with chemotherapeutic agents. Oncogene, 2010, 29, 6149-6159.	5.9	48
2570	Cooperative interactions of PTEN deficiency and RAS activation in melanoma metastasis. Oncogene, 2010, 29, 6222-6232.	5.9	97
2571	The WD40-repeat protein Han11 functions as a scaffold protein to control HIPK2 and MEKK1 kinase functions. EMBO Journal, 2010, 29, 3750-3761.	7.8	65
2572	Non-virus-mediated transfer of siRNAs against Runx2 and Smad4 inhibit heterotopic ossification in rats. Gene Therapy, 2010, 17, 370-379.	4.5	18
2573	Inhibitory efficacy of hypoxia-inducible factor 1 short hairpin RNA plasmid DNA-loaded poly (D,L-lactide-co-glycolide) nanoparticles. J Gene Ther, 2010, 17, 338-351.	4.5	42
2574	COP1 Contributes to UVB-Induced Signaling in Human Keratinocytes. Journal of Investigative Dermatology, 2010, 130, 541-545.	0.7	6
2575	Knockdown of brain-derived neurotrophic factor in specific brain sites precipitates behaviors associated with depression and reduces neurogenesis. Molecular Psychiatry, 2010, 15, 80-92.	7.9	397
2576	Interplay between Cdh1 and JNK activity during the cell cycle. Nature Cell Biology, 2010, 12, 686-695.	10.3	50
2577	Mammalian Rap1 controls telomere function and gene expression through binding to telomeric and extratelomeric sites. Nature Cell Biology, 2010, 12, 768-780.	10.3	220
2578	Muscarinic receptors induce LTD of NMDAR EPSCs via a mechanism involving hippocalcin, AP2 and PSD-95. Nature Neuroscience, 2010, 13, 1216-1224.	14.8	93
2579	Enhancing RNAi efficiency by inserting Nuclear factor- $\kappa$ B binding sequence into SiRNA expression cassette. Nature Precedings, 2010, , .	0.1	0
2580	Intracranial Administration of P Gene siRNA Protects Mice from Lethal Chandipura Virus Encephalitis. PLoS ONE, 2010, 5, e8615.	2.5	15
2581	E2F-1 Directly Regulates Thrombospondin 1 Expression. PLoS ONE, 2010, 5, e13442.	2.5	23
2582	A Transient Transgenic RNAi Strategy for Rapid Characterization of Gene Function during Embryonic Development. PLoS ONE, 2010, 5, e14375.	2.5	14
2583	Microrna Let-7: An Emerging Next-Generation Cancer Therapeutic. Current Oncology, 2010, 17, 70-80.	2.2	226

#	ARTICLE	IF	CITATIONS
2584	Knockdown of Moesin Expression Accelerates Cellular Senescence of Human Dermal Microvascular Endothelial Cells. <i>Yonsei Medical Journal</i> , 2010, 51, 438.	2.2	8
2585	Exploration of Self-Renewal and Pluripotency in ES Cells Using RNAi. <i>Methods in Enzymology</i> , 2010, 477, 351-365.	1.0	10
2586	ATP-independent glucose stimulation of sphingosine kinase in rat pancreatic islets. <i>Journal of Lipid Research</i> , 2010, 51, 2171-2180.	4.2	14
2587	HDMX-L Is Expressed from a Functional p53-responsive Promoter in the First Intron of the HDMX Gene and Participates in an Autoregulatory Feedback Loop to Control p53 Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 29111-29127.	3.4	45
2588	PPAR $\gamma$ is a fatty acid sensor that enhances mitochondrial oxidation in insulin-secreting cells and protects against fatty acid-induced dysfunction. <i>Journal of Lipid Research</i> , 2010, 51, 1370-1379.	4.2	71
2589	Human multipotent mesenchymal stromal cells use galectin-1 to inhibit immune effector cells. <i>Blood</i> , 2010, 116, 3770-3779.	1.4	224
2590	SDF-1/CXCL12 Production by Mature Dendritic Cells Inhibits the Propagation of X4-Tropic HIV-1 Isolates at the Dendritic Cell-T-Cell Infectious Synapse. <i>Journal of Virology</i> , 2010, 84, 4341-4351.	3.4	25
2591	ATM kinase activity modulates cFLIP protein levels: potential interplay between DNA damage signalling and TRAIL-induced apoptosis. <i>Carcinogenesis</i> , 2010, 31, 1956-1963.	2.8	37
2592	CENP-A Reduction Induces a p53-Dependent Cellular Senescence Response To Protect Cells from Executing Defective Mitoses. <i>Molecular and Cellular Biology</i> , 2010, 30, 2090-2104.	2.3	93
2593	Future Prospect of RNA Interference for Cancer Therapies. <i>Current Drug Targets</i> , 2010, 11, 345-360.	2.1	61
2594	Retrograde Neurotrophic Signaling Requires a Protein Interacting with Receptor Tyrosine Kinases via C <sub>2</sub> H <sub>2</sub> Zinc Fingers. <i>Molecular Biology of the Cell</i> , 2010, 21, 36-49.	2.1	7
2595	$\beta$ -E-catenin regulates actin dynamics independently of cadherin-mediated cell-cell adhesion. <i>Journal of Cell Biology</i> , 2010, 189, 339-352.	5.2	141
2596	The Tumor Suppressor Maspin Mediates E2F1-Induced Sensitivity of Cancer Cells to Chemotherapy. <i>Molecular Cancer Research</i> , 2010, 8, 363-372.	3.4	23
2597	Friend of Prmt1, a Novel Chromatin Target of Protein Arginine Methyltransferases. <i>Molecular and Cellular Biology</i> , 2010, 30, 260-272.	2.3	46
2598	Cleavage of Survivin by Granzyme M Triggers Degradation of the Survivin-X-linked Inhibitor of Apoptosis Protein (XIAP) Complex to Free Caspase Activity Leading to Cytolysis of Target Tumor Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 18326-18335.	3.4	41
2599	Dr1 (NC2) is present at tRNA genes and represses their transcription in human cells. <i>Nucleic Acids Research</i> , 2010, 38, 1228-1239.	14.5	6
2600	Sequence-non-specific effects of RNA interference triggers and microRNA regulators. <i>Nucleic Acids Research</i> , 2010, 38, 1-16.	14.5	485
2601	Role of kinesin light chain $\alpha$ 2 of kinesin $\alpha$ 1 in the traffic of Na,K-ATPase-containing vesicles in alveolar epithelial cells. <i>FASEB Journal</i> , 2010, 24, 374-382.	0.5	17

#	ARTICLE	IF	CITATIONS
2602	Formin follows function: a muscle-specific isoform of FHOD3 is regulated by CK2 phosphorylation and promotes myofibril maintenance. <i>Journal of Cell Biology</i> , 2010, 191, 1159-1172.	5.2	102
2603	Combination of RNA interference and U1 inhibition leads to increased inhibition of gene expression. <i>Nucleic Acids Research</i> , 2010, 38, e136-e136.	14.5	18
2604	Alzheimer's-related endosome dysfunction in Down syndrome is A $\beta$ -independent but requires APP and is reversed by BACE-1 inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1630-1635.	7.1	256
2605	Dipeptidyl Peptidase-Like Protein 6 Is Required for Normal Electrophysiological Properties of Cerebellar Granule Cells. <i>Journal of Neuroscience</i> , 2010, 30, 8551-8565.	3.6	29
2606	Suppression of ICAM-1 in Retinal and Choroidal Endothelial Cells by Plasmid Small-Interfering RNAs In Vivo. , 2010, 51, 508.		30
2607	Adenovirus VA RNA-derived miRNAs target cellular genes involved in cell growth, gene expression and DNA repair. <i>Nucleic Acids Research</i> , 2010, 38, 750-763.	14.5	210
2608	PTEN depletion rescues axonal growth defect and improves survival in SMN-deficient motor neurons. <i>Human Molecular Genetics</i> , 2010, 19, 3159-3168.	2.9	115
2609	SOCS-6 Negatively Regulates T Cell Activation through Targeting p56 to Proteasomal Degradation. <i>Journal of Biological Chemistry</i> , 2010, 285, 7271-7280.	3.4	31
2610	Transglutaminase 2 inhibits apoptosis induced by calcium overload through down-regulation of Bax. <i>Experimental and Molecular Medicine</i> , 2010, 42, 639.	7.7	44
2611	E3 ubiquitin ligase APC/C-Cdh1 accounts for the Warburg effect by linking glycolysis to cell proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 738-741.	7.1	150
2612	p38 $\beta$ regulates interaction of nuclear PSF and RNA with the tumour-suppressor hDlg in response to osmotic shock. <i>Journal of Cell Science</i> , 2010, 123, 2596-2604.	2.0	21
2613	Insights into neurogenesis and aging: potential therapy for degenerative disease?. <i>Future Neurology</i> , 2010, 5, 527-541.	0.5	24
2614	Genomic Technologies for Systems Biology. , 2010, , 15-44.		0
2615	Signaling Pathways in the Activation of Mast Cells Cocultured with Astrocytes and Colocalization of Both Cells in Experimental Allergic Encephalomyelitis. <i>Journal of Immunology</i> , 2010, 185, 273-283.	0.8	55
2616	Proline-Rich Tyrosine Kinase 2 Regulates Hippocampal Long-Term Depression. <i>Journal of Neuroscience</i> , 2010, 30, 11983-11993.	3.6	49
2617	Activating Transcription Factor 3 Activates p53 by Preventing E6-associated Protein from Binding to E6. <i>Journal of Biological Chemistry</i> , 2010, 285, 13201-13210.	3.4	46
2618	Gap Junction Expression Is Required for Normal Chemical Synapse Formation. <i>Journal of Neuroscience</i> , 2010, 30, 15277-15285.	3.6	64
2619	Damaged DNA-binding Protein 1 (DDB1) Interacts with Cdh1 and Modulates the Function of APC/CCdh1. <i>Journal of Biological Chemistry</i> , 2010, 285, 18234-18240.	3.4	19



#	ARTICLE	IF	CITATIONS
2620	p53 binds preferentially to genomic regions with high DNA-encoded nucleosome occupancy. <i>Genome Research</i> , 2010, 20, 1361-1368.	5.5	86
2621	Activated PKC $\delta$ and PKC $\mu$ Inhibit Epithelial Chloride Secretion Response to cAMP via Inducing Internalization of the Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> Cotransporter NKCC1. <i>Journal of Biological Chemistry</i> , 2010, 285, 34072-34085.	3.4	18
2622	Nucleotide Excision Repair Gene Expression after Cisplatin Treatment in Melanoma. <i>Cancer Research</i> , 2010, 70, 7918-7926.	0.9	23
2623	Neuron Specific Rab4 Effector GRASP-1 Coordinates Membrane Specialization and Maturation of Recycling Endosomes. <i>PLoS Biology</i> , 2010, 8, e1000283.	5.6	86
2624	Glucagon-like Peptide-1 Increases $\beta^2$ -Cell Glucose Competence and Proliferation by Translational Induction of Insulin-like Growth Factor-1 Receptor Expression. <i>Journal of Biological Chemistry</i> , 2010, 285, 10538-10545.	3.4	77
2625	Phosphorylation Controls Autoinhibition of Cytoplasmic Linker Protein-170. <i>Molecular Biology of the Cell</i> , 2010, 21, 2661-2673.	2.1	40
2626	Lentiviral-Mediated RNA Interference against TGF-Beta Receptor Type II in Renal Epithelial and Fibroblast Cell Populations In Vitro Demonstrates Regulated Renal Fibrogenesis That Is More Efficient than a Nonlentiviral Vector. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-12.	3.0	7
2627	The 68 kDa subunit of mammalian cleavage factor I interacts with the U7 small nuclear ribonucleoprotein and participates in 3' end processing of animal histone mRNAs. <i>Nucleic Acids Research</i> , 2010, 38, 7637-7650.	14.5	20
2628	Novel Mechanisms in the Regulation of G Protein-coupled Receptor Trafficking to the Plasma Membrane*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33816-33825.	3.4	12
2629	Targeting X-Linked Inhibitor of Apoptosis Protein to Increase the Efficacy of Endoplasmic Reticulum Stress-Induced Apoptosis for Melanoma Therapy. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2250-2258.	0.7	33
2630	Suppression of S-Phase Kinase-Associated Protein 2 Induces Apoptosis and Inhibits Tumor Growth in Human Laryngeal Cancer. <i>Orl</i> , 2010, 72, 205-214.	1.1	6
2631	The Translation Initiation Factor 3f (eIF3f) Exhibits a Deubiquitinase Activity Regulating Notch Activation. <i>PLoS Biology</i> , 2010, 8, e1000545.	5.6	74
2632	Regulation of Inositol 1,4,5-Trisphosphate Receptors by cAMP Independent of cAMP-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 12979-12989.	3.4	46
2633	MicroRNAs and cancer therapy: The next wave or here to stay?. <i>Cancer Biology and Therapy</i> , 2010, 9, 479-482.	3.4	30
2634	Substrate degradation by the anaphase promoting complex occurs during mitotic slippage. <i>Cell Cycle</i> , 2010, 9, 1792-1801.	2.6	35
2635	MASTL is the human ortholog of Greatwall kinase that facilitates mitotic entry, anaphase and cytokinesis. <i>Cell Cycle</i> , 2010, 9, 3591-3601.	2.6	134
2636	Possible applications for replicating HIV-1 vectors. <i>HIV Therapy</i> , 2010, 4, 361-369.	0.6	5
2637	Transgenic RNAi Applications in the Mouse. <i>Methods in Enzymology</i> , 2010, 477, 367-386.	1.0	7



#	ARTICLE	IF	CITATIONS
2638	Upregulation of Hic-5 in glomerulosclerosis and its regulation of mesangial cell apoptosis. <i>Kidney International</i> , 2010, 77, 329-338.	5.2	19
2639	Combination of Myostatin Pathway Interference and Dystrophin Rescue Enhances Tetanic and Specific Force in Dystrophic mdx Mice. <i>Molecular Therapy</i> , 2010, 18, 881-887.	8.2	62
2640	Titers of lentiviral vectors encoding shRNAs and miRNAs are reduced by different mechanisms that require distinct repair strategies. <i>Rna</i> , 2010, 16, 1328-1339.	3.5	62
2641	A Chemosensitization Screen Identifies TP53RK, a Kinase that Restrains Apoptosis after Mitotic Stress. <i>Cancer Research</i> , 2010, 70, 6325-6335.	0.9	27
2642	The Deubiquitinating Enzyme USP26 Is a Regulator of Androgen Receptor Signaling. <i>Molecular Cancer Research</i> , 2010, 8, 844-854.	3.4	72
2643	Nogo-A Stabilizes the Architecture of Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2010, 30, 13220-13234.	3.6	85
2644	Identification of NEEP21 as a $\beta$ -Amyloid Precursor Protein-Interacting Protein<i>In Vivo</i>That Modulates Amyloidogenic Processing<i>In Vitro</i>. <i>Journal of Neuroscience</i> , 2010, 30, 15677-15685.	3.6	56
2645	Loss of Transforming Growth Factor- $\beta$ Signaling in Mammary Fibroblasts Enhances CCL2 Secretion to Promote Mammary Tumor Progression through Macrophage-Dependent and -Independent Mechanisms. <i>Neoplasia</i> , 2010, 12, 425-433.	5.3	78
2646	Robust, Reversible Gene Knockdown Using a Single Lentiviral Short Hairpin RNA Vector. <i>Human Gene Therapy</i> , 2010, 21, 1005-1017.	2.7	32
2647	Identification of a functional p53 responsive element within the promoter of XAF1 gene in gastrointestinal cancer cells. <i>International Journal of Oncology</i> , 2010, 36, 1031-7.	3.3	7
2648	Gene Knockdown in the Mouse Through RNAi. <i>Methods in Enzymology</i> , 2010, 477, 387-414.	1.0	13
2649	Nonviral Intercellular Adhesion Molecule-1 Small Interfering Ribonucleic Acid Sequences Transfection In Vivo. <i>Journal of the American College of Cardiology</i> , 2010, 55, 914-916.	2.8	5
2650	Gene Downâ€Regulation with Short Hairpin RNAs and Validation of Specificity by Inducible Rescue in Mammalian Cells. <i>Current Protocols in Cell Biology</i> , 2010, 49, Unit 27.2.	2.3	1
2651	Lentiviral Vector-Mediated Expression of pre-miRNAs and AntagomiRs. <i>Methods in Molecular Biology</i> , 2010, 614, 175-185.	0.9	15
2652	Signal transducer and activator of transcription 3 activation up-regulates interleukin-6 autocrine production: a biochemical and genetic study of established cancer cell lines and clinical isolated human cancer cells. <i>Molecular Cancer</i> , 2010, 9, 309.	19.2	68
2653	Regulation of MCP-1 chemokine transcription by p53. <i>Molecular Cancer</i> , 2010, 9, 82.	19.2	52
2654	Inhibiting adenoid cystic carcinoma cells growth and metastasis by blocking the expression of ADAM 10 using RNA interference. <i>Journal of Translational Medicine</i> , 2010, 8, 136.	4.4	19
2655	Selective gene silencing by viral delivery of short hairpin RNA. <i>Virology Journal</i> , 2010, 7, 248.	3.4	87

#	ARTICLE	IF	CITATIONS
2656	Inhibition of core gene of HCV 3a genotype using synthetic and vector derived siRNAs. Virology Journal, 2010, 7, 318.	3.4	20
2657	A dual function TAR Decoy serves as an anti-HIV siRNA delivery vehicle. Virology Journal, 2010, 7, 33.	3.4	9
2658	Hydrogen Peroxide Removes TRPM4 Current Desensitization Conferring Increased Vulnerability to Necrotic Cell Death. Journal of Biological Chemistry, 2010, 285, 37150-37158.	3.4	56
2659	The Role of Translationally Controlled Tumor Protein in Tumor Growth and Metastasis of Colon Adenocarcinoma Cells. Journal of Proteome Research, 2010, 9, 40-49.	3.7	57
2660	A New Intestinal Cell Culture Model To Discriminate the Relative Contribution of P-gp and BCRP on Transport of Substrates Such as Imatinib. Molecular Pharmaceutics, 2010, 7, 1618-1628.	4.6	16
2661	Positional and Neighboring Base Pair Effects on the Thermodynamic Stability of RNA Single Mismatches. Biochemistry, 2010, 49, 8669-8679.	2.5	19
2662	Optimized Gene Silencing by Co-expression of Multiple shRNAs in a Single Vector. Methods in Molecular Biology, 2010, 623, 109-121.	0.9	0
2663	Riboregulators in kidney development and function. Biochimie, 2010, 92, 217-225.	2.6	15
2664	A short-hairpin RNA targeting osteopontin downregulates MMP-2 and MMP-9 expressions in prostate cancer PC-3 cells. Cancer Letters, 2010, 295, 27-37.	7.2	37
2665	Viral vector-mediated RNA interference. Current Opinion in Pharmacology, 2010, 10, 534-542.	3.5	122
2666	Suppressing IL-32 in monocytes impairs the induction of the proinflammatory cytokines TNF $\alpha$ and IL-1 $\beta$ . Cytokine, 2010, 49, 171-176.	3.2	58
2667	TPP1 Is Required for TERT Recruitment, Telomere Elongation during Nuclear Reprogramming, and Normal Skin Development in Mice. Developmental Cell, 2010, 18, 775-789.	7.0	116
2668	A lethal combination for cancer cells: Synthetic lethality screenings for drug discovery. European Journal of Cancer, 2010, 46, 2889-2895.	2.8	33
2669	A nuclear ligand MRG15 involved in the proapoptotic activity of medicinal fungal galectin AAL (Agrocybe aegerita lectin). Biochimica Et Biophysica Acta - General Subjects, 2010, 1800, 474-480.	2.4	15
2670	U6 promoter-driven siRNA injection has nonspecific effects in zebrafish. Biochemical and Biophysical Research Communications, 2010, 391, 1363-1368.	2.1	14
2671	Effective knockdown of multiple target genes by expressing the single transcript harbouring multi-cistronic shRNAs. Biochemical and Biophysical Research Communications, 2010, 396, 861-865.	2.1	9
2672	Phosphorylation of p300 by ATM controls the stability of NBS1. Biochemical and Biophysical Research Communications, 2010, 397, 637-643.	2.1	12
2673	Delivery of shRNA using gold nanoparticle-DNA oligonucleotide conjugates as a universal carrier. Biochemical and Biophysical Research Communications, 2010, 398, 542-546.	2.1	42

#	ARTICLE	IF	CITATIONS
2674	Migration defects by DISC1 knockdown in C57BL/6, 129X1/SvJ, and ICR strains via in utero gene transfer and virus-mediated RNAi. <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 631-637.	2.1	38
2675	Basal Dynamics of p53 Reveal Transcriptionally Attenuated Pulses in Cycling Cells. <i>Cell</i> , 2010, 142, 89-100.	28.9	223
2676	NF1 Is a Tumor Suppressor in Neuroblastoma that Determines Retinoic Acid Response and Disease Outcome. <i>Cell</i> , 2010, 142, 218-229.	28.9	190
2677	Knockdown of DISC1 by In Utero Gene Transfer Disturbs Postnatal Dopaminergic Maturation in the Frontal Cortex and Leads to Adult Behavioral Deficits. <i>Neuron</i> , 2010, 65, 480-489.	8.1	275
2678	Combined Application of Blocking Antibodies and MicroRNA Interference in Inhibiting CD44 Expression. <i>Transplantation Proceedings</i> , 2010, 42, 2777-2781.	0.6	4
2679	Transfection of Hairpin Small Interfering RNA Expression Vector Targeting Rat Nuclear Factor (NF) ( $\kappa$ B) Inhibits Rat Cell Proliferation Induced by NF- $\kappa$ B Signal Pathway Activation. <i>Transplantation Proceedings</i> , 2010, 42, 4633-4637.	0.6	2
2680	Development of potential antiviral strategy against coxsackievirus B4. <i>Virus Research</i> , 2010, 150, 85-92.	2.2	16
2681	Genes regulated by Nkx2-3 in siRNA-mediated knockdown B cells: Implication of endothelin-1 in inflammatory bowel disease. <i>Molecular Genetics and Metabolism</i> , 2010, 100, 88-95.	1.1	19
2682	The RNA Silencing Technology Applied by Lentiviral Vectors in Oncology. <i>Methods in Molecular Biology</i> , 2010, 614, 187-199.	0.9	10
2683	Lentiviral Vector Engineering for Anti-HIV RNAi Gene Therapy. <i>Methods in Molecular Biology</i> , 2010, 614, 201-213.	0.9	8
2684	Vimentin induces changes in cell shape, motility, and adhesion during the epithelial to mesenchymal transition. <i>FASEB Journal</i> , 2010, 24, 1838-1851.	0.5	752
2685	Reactive Oxygen Species-Activated Akt/ASK1/p38 Signaling Pathway in Nickel Compound-Induced Apoptosis in BEAS 2B Cells. <i>Chemical Research in Toxicology</i> , 2010, 23, 568-577.	3.3	113
2686	microRNA Biogenesis and its Impact on RNA Interference. , 2010, , 325-354.		1
2687	RNAi Treatment of HIV-1 Infection. , 2010, , 191-208.		0
2688	Strategies to Prevent siRNA-Triggered Cellular Toxicity. , 2010, , 93-106.		0
2689	Recovery from a DNA damage-induced G2 arrest requires Cdk-dependent activation of FoxM1. <i>EMBO Reports</i> , 2010, 11, 452-458.	4.5	50
2690	The matricellular protein CCN1 induces fibroblast senescence and restricts fibrosis in cutaneous wound healing. <i>Nature Cell Biology</i> , 2010, 12, 676-685.	10.3	779
2691	Myosin II isoforms identify distinct functional modules that support integrity of the epithelial zonula adherens. <i>Nature Cell Biology</i> , 2010, 12, 696-702.	10.3	296

#	ARTICLE	IF	CITATIONS
2692	Short Hairpin RNA (shRNA): Design, Delivery, and Assessment of Gene Knockdown. Methods in Molecular Biology, 2010, 629, 139-156.	0.9	205
2693	BRCA1 Protein and Nucleolin Colocalize in Breast Carcinoma Tissue and Cancer Cell Lines. American Journal of Pathology, 2010, 176, 1203-1214.	3.8	28
2694	Liposomal siRNA Delivery. Methods in Molecular Biology, 2010, 605, 445-459.	0.9	22
2695	Rat Genomics. Methods in Molecular Biology, 2010, , .	0.9	3
2697	Therapeutic Nucleic Acids. , 2010, , 9-45.		0
2699	RNAi. , 2010, , 539-560.		7
2700	Exploration of synthetic lethal interactions as cancer drug targets. Future Oncology, 2010, 6, 1789-1802.	2.4	14
2701	Liposomes. Methods in Molecular Biology, 2010, , .	0.9	16
2703	RNAi-mediated silencing of CD147 inhibits tumor cell proliferation, invasion and increases chemosensitivity to cisplatin in SGC7901 cells in vitro. Journal of Experimental and Clinical Cancer Research, 2010, 29, 61.	8.6	42
2704	The dissection of transcriptional modules regulated by various drugs of abuse in the mouse striatum. Genome Biology, 2010, 11, R48.	9.6	141
2705	Lentivirus Gene Engineering Protocols. Methods in Molecular Biology, 2010, , .	0.9	4
2706	Oncolytic-adenovirus-expressed RNA interference for cancer therapy. Expert Opinion on Biological Therapy, 2010, 10, 1331-1341.	3.1	10
2707	Non-coding RNAs: a key to future personalized molecular therapy?. Genome Medicine, 2010, 2, 12.	8.2	97
2708	Long Double-Stranded RNA Produces Specific Gene Downregulation in Giardia lamblia. Journal of Parasitology, 2010, 96, 815-819.	0.7	21
2709	Short hairpin RNA-mediated inhibition of measles virus replication in vitro. Canadian Journal of Microbiology, 2010, 56, 77-80.	1.7	4
2710	Impact of protein tyrosine kinase 6 (PTK6) on human epidermal growth factor receptor (HER) signalling in breast cancer. Molecular BioSystems, 2011, 7, 1603.	2.9	29
2711	Bortezomib Primes Neuroblastoma Cells for TRAIL-Induced Apoptosis by Linking the Death Receptor to the Mitochondrial Pathway. Clinical Cancer Research, 2011, 17, 3204-3218.	7.0	53
2712	Targeting genes in living mammals by RNA interference. Briefings in Functional Genomics, 2011, 10, 238-247.	2.7	11

#	ARTICLE	IF	CITATIONS
2713	Strand Invasion of Mixed-Sequence, Double-Helical B-DNA by $\hat{I}^3$ -Peptide Nucleic Acids Containing G-Clamp Nucleobases under Physiological Conditions. <i>Biochemistry</i> , 2011, 50, 3913-3918.	2.5	55
2714	Synthesis, Structure, and Biological Activity of Dumbbell-Shaped Nanocircular RNAs for RNA Interference. <i>Bioconjugate Chemistry</i> , 2011, 22, 2082-2092.	3.6	44
2715	ChIP-on-Chip Analysis of <i>In Vivo</i> Mutant p53 Binding To Selected Gene Promoters. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 305-312.	2.0	36
2716	Selective inhibition of microRNA accessibility by RBM38 is required for p53 activity. <i>Nature Communications</i> , 2011, 2, 513.	12.8	91
2717	Co-transfection and tandem transfection of HEK293A cells for overexpression and RNAi experiments. <i>Cell Biology International</i> , 2011, 35, 187-192.	3.0	14
2718	Approaches for Manipulation of Gene Expression. , 2011, , 557-566.		0
2720	A stress response pathway regulates DNA damage through $\hat{I}^2$ -adrenoreceptors and $\hat{I}^2$ -arrestin-1. <i>Nature</i> , 2011, 477, 349-353.	27.8	360
2721	Cell-Based Microarrays: Overview. <i>Methods in Molecular Biology</i> , 2011, 706, 1-12.	0.9	1
2723	<i>C. elegans</i> as a Resource for Studies on Plant Parasitic Nematodes. , 2011, , 175-220.		10
2724	Antiviral RNAi. <i>Methods in Molecular Biology</i> , 2011, , .	0.9	7
2725	Adeno-Associated Virus. <i>Methods in Molecular Biology</i> , 2011, , .	0.9	16
2726	RNA Interference (RNAi) Technology. , 2011, , 179-187.		1
2727	Genetic Approaches in Human Embryonic Stem Cells and their Derivatives: Prospects for Regenerative Medicine. , 2011, , 179-198.		0
2728	Molecular Chaperones. <i>Methods in Molecular Biology</i> , 2011, , .	0.9	1
2729	A Small-Molecule p53 Activator Induces Apoptosis through Inhibiting MDMX Expression in Breast Cancer Cells. <i>Neoplasia</i> , 2011, 13, 611-IN6.	5.3	41
2730	Genipin up-regulates heme oxygenase-1 via PI3-kinase-JNK1/2-Nrf2 signaling pathway to enhance the anti-inflammatory capacity in RAW264.7 macrophages. <i>Archives of Biochemistry and Biophysics</i> , 2011, 512, 119-125.	3.0	51
2731	Post-Natal Knockdown of Fukutin-Related Protein Expression in Muscle by Long-Term RNA Interference Induces Dystrophic Pathology. <i>American Journal of Pathology</i> , 2011, 178, 261-272.	3.8	14
2732	Expression and knockdown of cellular prion protein (PrPC) in differentiating mouse embryonic stem cells. <i>Differentiation</i> , 2011, 81, 68-77.	1.9	45

#	ARTICLE	IF	CITATIONS
2733	cDNA cloning of porcine PKD2 gene and RNA interference in LLCâ€“PK1 cells. <i>Gene</i> , 2011, 476, 38-45.	2.2	11
2734	Rapid, cell-based toxicity screen of potentially therapeutic post-transcriptional gene silencing agents. <i>Experimental Eye Research</i> , 2011, 92, 328-337.	2.6	11
2735	Polyethylenimines for RNAi-mediated gene targeting in vivo and siRNA delivery to the lung. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 438-449.	4.3	166
2736	miRNA cassettes in viral vectors: Problems and solutions. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2011, 1809, 732-745.	1.9	77
2737	Stable knockdown of MYCN by lentivirus-based RNAi inhibits human neuroblastoma cells growth in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 364-370.	2.1	20
2738	Characterisation and comparison of the chicken H1 RNA polymerase III promoter for short hairpin RNA expression. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 194-198.	2.1	5
2739	Fabrication of Stable and RNase-Resistant RNA Nanoparticles Active in Gearing the Nanomotors for Viral DNA Packaging. <i>ACS Nano</i> , 2011, 5, 237-246.	14.6	95
2740	Structureâ€“Functions of HspB1 (Hsp27). <i>Methods in Molecular Biology</i> , 2011, 787, 105-119.	0.9	28
2741	RNA interference in <i>Entamoeba histolytica</i> : implications for parasite biology and gene silencing. <i>Future Microbiology</i> , 2011, 6, 103-117.	2.0	31
2742	Functional Identification of Optimized RNAi Triggers Using a Massively Parallel Sensor Assay. <i>Molecular Cell</i> , 2011, 41, 733-746.	9.7	193
2743	From genome-wide association studies to etiology: probing autoimmunity genes by RNAi. <i>Trends in Molecular Medicine</i> , 2011, 17, 634-640.	6.7	5
2744	Developmental regulation of MURF ubiquitin ligases and autophagy proteins nbr1, p62/SQSTM1 and LC3 during cardiac myofibril assembly and turnover. <i>Developmental Biology</i> , 2011, 351, 46-61.	2.0	57
2745	Identifying HIV-1 host cell factors by genome-scale RNAi screening. <i>Methods</i> , 2011, 53, 3-12.	3.8	34
2746	Conditional RNAi in mice. <i>Methods</i> , 2011, 53, 142-150.	3.8	20
2747	Constitutive and conditional RNAi transgenesis in mice. <i>Methods</i> , 2011, 53, 430-436.	3.8	10
2748	Assembly of multifunctional phi29 pRNA nanoparticles for specific delivery of siRNA and other therapeutics to targeted cells. <i>Methods</i> , 2011, 54, 204-214.	3.8	76
2749	Forward and Reverse Genetics through Derivation of Haploid Mouse Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2011, 9, 563-574.	11.1	208
2750	Construction of MiRNA Eukaryotic Expression Vector and its Stable Expression in Human Liver Cancer Cells. <i>Procedia Environmental Sciences</i> , 2011, 8, 451-456.	1.4	0

#	ARTICLE	IF	CITATIONS
2751	Toward a Durable Treatment of HIV-1 Infection Using RNA Interference. Progress in Molecular Biology and Translational Science, 2011, 102, 141-163.	1.7	16
2752	Transglutaminase 2 facilitates the distant hematogenous metastasis of breast cancer by modulating interleukin-6 in cancer cells. Breast Cancer Research, 2011, 13, R96.	5.0	60
2753	p53 stabilization induces apoptosis in chronic myeloid leukemia blast crisis cells. Leukemia, 2011, 25, 761-769.	7.2	46
2754	In Vivo Delivery of RNAi with Lipid-Based Nanoparticles. Annual Review of Biomedical Engineering, 2011, 13, 507-530.	12.3	156
2755	FLRT3 as a key player on chick limb development. Developmental Biology, 2011, 355, 324-333.	2.0	20
2756	Small interfering RNAs: heralding a new era in gene therapy. , 2011, , .		1
2759	Sez-6 May Play an Important Role in Neurite Outgrowth through the PKC $\beta$ Signaling Pathways. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2011, 66, 614-620.	1.4	1
2760	Gene Therapy for Head and Neck Squamous Cell Carcinoma Using KITENIN (KAI1 COOH-Terminal) Tj ETQq1 1 0.784314 rgBT <sub>2</sub> Overlock	2.2	2
2761	Ap 1 in Glioblastomas. , 0, , .		0
2762	RNA Interference as Therapeutics for Hepatocellular Carcinoma. Recent Patents on Anti-Cancer Drug Discovery, 2011, 6, 106-115.	1.6	31
2763	Silencing of hpv16 e6 and e7 oncogenic activities by small interference rna induces autophagy and apoptosis in human cervical cancer cells. Journal of Nucleic Acids Investigation, 2011, 2, 10.	0.8	5
2764	Variables and Strategies in Development of Therapeutic Post-Transcriptional Gene Silencing Agents. Journal of Ophthalmology, 2011, 2011, 1-31.	1.3	7
2765	Retinal Degenerations: Genetics, Mechanisms, and Therapies. Journal of Ophthalmology, 2011, 2011, 1-2.	1.3	1
2766	Current Concepts in the Treatment of Retinitis Pigmentosa. Journal of Ophthalmology, 2011, 2011, 1-8.	1.3	77
2767	Synthetic Pre-miRNA-Based shRNA as Potent RNAi Triggers. Journal of Nucleic Acids, 2011, 2011, 1-6.	1.2	31
2768	Subcellular Localization of SUN2 Is Regulated by Lamin A and Rab5. PLoS ONE, 2011, 6, e20507.	2.5	31
2769	A Role for Glutamate Transporters in the Regulation of Insulin Secretion. PLoS ONE, 2011, 6, e22960.	2.5	53
2770	APC <sup>Cdh1</sup> Mediates Degradation of the Oncogenic Rho-GEF Ect2 after Mitosis. PLoS ONE, 2011, 6, e23676.	2.5	30



#	ARTICLE	IF	CITATIONS
2771	Interactions of CstF-64, CstF-77, and symplekin: Implications on localisation and function. <i>Molecular Biology of the Cell</i> , 2011, 22, 91-104.	2.1	51
2772	The role of TBK1 and IKK $\mu$ in the expression and activation of Pellino 1. <i>Biochemical Journal</i> , 2011, 434, 537-548.	3.7	64
2773	Improving siRNA Bio-Distribution and Minimizing Side Effects. <i>Current Drug Metabolism</i> , 2011, 12, 11-23.	1.2	48
2774	Mutated RAS and constitutively activated Akt delineate distinct oncogenic pathways, which independently contribute to multiple myeloma cell survival. <i>Blood</i> , 2011, 117, 1998-2004.	1.4	78
2775	An RNAi-based system for loss-of-function analysis identifies Raf1 as a crucial mediator of BCR-ABL $\epsilon$ -driven leukemogenesis. <i>Blood</i> , 2011, 118, 2200-2210.	1.4	11
2776	Combined therapy with a thymidylate synthase-inhibiting vector and S-1 has effective antitumor activity against 5-FU-resistant tumors. <i>International Journal of Oncology</i> , 2011, 38, 355-63.	3.3	10
2777	From RNA interference technology to effective therapy: how far have we come and how far to go?. <i>Therapeutic Delivery</i> , 2011, 2, 1395-1406.	2.2	6
2778	Oligomeric Nucleic Acids as Antivirals. <i>Molecules</i> , 2011, 16, 1271-1296.	3.8	32
2779	The ESCRT System Is Required for Hepatitis C Virus Production. <i>PLoS ONE</i> , 2011, 6, e14517.	2.5	82
2780	Suppression of DNA-PKcs and Ku80 individually and in combination: Different effects of radiobiology in HeLa cells. <i>International Journal of Oncology</i> , 2011, 39, 443-51.	3.3	5
2781	Down-regulation of $\beta$ -1,3-N-acetylglucosaminyltransferase-8 by siRNA inhibits the growth of human gastric cancer. <i>Molecular Medicine Reports</i> , 2011, 4, 497-503.	2.4	6
2782	Retrovirus-mediated transduction of a short hairpin RNA gene for GRP78 fails to downregulate GRP78 expression but leads to cisplatin sensitization in HeLa cells. <i>Oncology Reports</i> , 2011, 25, 879-85.	2.6	3
2783	Loss of macrophage migration inhibitory factor impairs the growth properties of human HeLa cervical cancer cells. <i>Cell Proliferation</i> , 2011, 44, 582-590.	5.3	11
2784	Effects of neodymium on growth and physiological characteristics of <i>Microcystis aeruginosa</i> . <i>Journal of Rare Earths</i> , 2011, 29, 388-395.	4.8	26
2785	p53 regulates biosynthesis through direct inactivation of glucose-6-phosphate dehydrogenase. <i>Nature Cell Biology</i> , 2011, 13, 310-316.	10.3	620
2786	Towards systematic functional characterization of cancer genomes. <i>Nature Reviews Genetics</i> , 2011, 12, 487-498.	16.3	77
2787	Knocking down of the KCC2 in rat hippocampal neurons increases intracellular chloride concentration and compromises neuronal survival. <i>Journal of Physiology</i> , 2011, 589, 2475-2496.	2.9	88
2788	An essential role for CtIP in chromosomal translocation formation through an alternative end-joining pathway. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 80-84.	8.2	231

#	ARTICLE	IF	CITATIONS
2789	PI3K inhibitors prime neuroblastoma cells for chemotherapy by shifting the balance towards pro-apoptotic Bcl-2 proteins and enhanced mitochondrial apoptosis. <i>Oncogene</i> , 2011, 30, 494-503.	5.9	90
2790	High-level expression of Mastermind-like 2 contributes to aberrant activation of the NOTCH signaling pathway in human lymphomas. <i>Oncogene</i> , 2011, 30, 1831-1840.	5.9	47
2791	Cdc25B is negatively regulated by p53 through Sp1 and NF-Y transcription factors. <i>Oncogene</i> , 2011, 30, 2282-2288.	5.9	39
2792	Histone deacetylase inhibitors prime medulloblastoma cells for chemotherapy-induced apoptosis by enhancing p53-dependent Bax activation. <i>Oncogene</i> , 2011, 30, 2275-2281.	5.9	54
2793	Translationally controlled tumor protein induces human breast epithelial cell transformation through the activation of Src. <i>Oncogene</i> , 2011, 30, 2264-2274.	5.9	52
2794	Human papillomavirus type 16 E6 induces cervical cancer cell migration through the p53/microRNA-23b/urokinase-type plasminogen activator pathway. <i>Oncogene</i> , 2011, 30, 2401-2410.	5.9	132
2795	Antagonistic TSC22D1 variants control BRAF <sup>E600</sup> -induced senescence. <i>EMBO Journal</i> , 2011, 30, 1753-1765.	7.8	22
2796	Transfection of shRNA-encoding Minivector DNA of a few hundred base pairs to regulate gene expression in lymphoma cells. <i>Gene Therapy</i> , 2011, 18, 220-224.	4.5	49
2797	Toolkit for evaluating genes required for proliferation and survival using tetracycline-regulated RNAi. <i>Nature Biotechnology</i> , 2011, 29, 79-83.	17.5	235
2798	Transient suppression of MLH1 allows effective single-nucleotide substitution by single-stranded DNA oligonucleotides. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 52-60.	1.0	14
2799	The role of CXCR4 signaling in the migration of transplanted oligodendrocyte progenitors into the cerebral white matter. <i>Neurobiology of Disease</i> , 2011, 44, 19-27.	4.4	48
2800	Optimization of a microRNA expression vector for function analysis of microRNA. <i>Journal of Controlled Release</i> , 2011, 150, 94-101.	9.9	8
2801	Combination gene therapy using VEGF-shRNA and fusion suicide gene yCDglyTK inhibits gastric carcinoma growth. <i>Experimental and Molecular Pathology</i> , 2011, 91, 745-752.	2.1	35
2802	Targeting of human interleukin-12B by small hairpin RNAs in xenografted psoriatic skin. <i>BMC Dermatology</i> , 2011, 11, 5.	2.1	20
2803	Inhibition of full length Hepatitis C Virus particles of 1a genotype through small interference RNA. <i>Virology Journal</i> , 2011, 8, 203.	3.4	17
2804	Schistosoma mansoni U6 gene promoter-driven short hairpin RNA induces RNA interference in human fibrosarcoma cells and schistosomules. <i>International Journal for Parasitology</i> , 2011, 41, 783-789.	3.1	27
2805	Molecular strategies to design an escape-proof antiviral therapy. <i>Antiviral Research</i> , 2011, 92, 7-14.	4.1	34
2806	The role of the tumor suppressor p53 pathway in the cellular DNA damage response to zinc oxide nanoparticles. <i>Biomaterials</i> , 2011, 32, 8218-8225.	11.4	185

#	ARTICLE	IF	CITATIONS
2807	The effects of CD59 gene as a target gene on breast cancer cells. Cellular Immunology, 2011, 272, 61-70.	3.0	24
2808	JNK activation is regulated by E2F and promotes E2F1-induced apoptosis. Cellular Signalling, 2011, 23, 65-70.	3.6	9
2809	The MYND domain-containing protein BRAM1 inhibits lymphotoxin beta receptor-mediated signaling through affecting receptor oligomerization. Cellular Signalling, 2011, 23, 80-88.	3.6	10
2810	Synthesis, Characterization, and in Vivo Delivery of siRNA-Squalene Nanoparticles Targeting Fusion Oncogene in Papillary Thyroid Carcinoma. Journal of Medicinal Chemistry, 2011, 54, 4067-4076.	6.4	75
2811	Evaluation of ERCC1 Expression for Cisplatin Sensitivity in Human Hepatocellular Carcinoma. Annals of Surgical Oncology, 2011, 18, 1204-1211.	1.5	22
2812	Antiviral RNAi: Translating Science Towards Therapeutic Success. Pharmaceutical Research, 2011, 28, 2966-2982.	3.5	18
2813	RNA Interference and Cancer Therapy. Pharmaceutical Research, 2011, 28, 2983-2995.	3.5	131
2814	Subcellular Fate and Off-Target Effects of siRNA, shRNA, and miRNA. Pharmaceutical Research, 2011, 28, 2996-3015.	3.5	169
2815	RNA interference-mediated silencing of iASPP induces cell proliferation inhibition and G0/G1 cell cycle arrest in U251 human glioblastoma cells. Molecular and Cellular Biochemistry, 2011, 350, 193-200.	3.1	49
2816	Silencing SERCA1b in a few fibers stimulates growth in the entire regenerating soleus muscle. Histochemistry and Cell Biology, 2011, 135, 11-20.	1.7	9
2817	Construction the hairpin RNA recombinant plasmids targeting human Pokemon gene. Chinese-German Journal of Clinical Oncology, 2011, 10, 730-733.	0.1	0
2818	Lentiviral shRNA silencing of CHOP inhibits apoptosis induced by cyclic stretch in rat annular cells and attenuates disc degeneration in the rats. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 594-605.	4.9	66
2819	Rad is a p53 direct transcriptional target that inhibits cell migration and is frequently silenced in lung carcinoma cells. Journal of Molecular Medicine, 2011, 89, 481-492.	3.9	23
2820	Vascular endothelial growth factor gene silencing suppresses wear debris-induced inflammation. International Orthopaedics, 2011, 35, 1883-1888.	1.9	5
2821	Lentivirus-mediated inhibition of Med19 suppresses growth of breast cancer cells in vitro. Cancer Chemotherapy and Pharmacology, 2011, 68, 207-215.	2.3	36
2822	S-phase-coupled apoptosis in tumor suppression. Cellular and Molecular Life Sciences, 2011, 68, 1883-1896.	5.4	14
2823	RNA Interference in Pigs: Comparison of RNAi Test Systems and Expression Vectors. Molecular Biotechnology, 2011, 48, 38-48.	2.4	12
2824	Potato virus Y mRNA expression knockdown mediated by siRNAs in cultured mammalian cell line. Virologica Sinica, 2011, 26, 105-113.	3.0	8

#	ARTICLE	IF	CITATIONS
2825	The effects of stem length and core placement on shRNA activity. BMC Molecular Biology, 2011, 12, 34.	3.0	28
2826	TGF $\beta$ 21 enhances MAD1 expression and stimulates promoter-bound Pol II phosphorylation: basic functions of C/EBP, SP and SMAD3 transcription factors. BMC Molecular Biology, 2011, 12, 9.	3.0	6
2827	P53 in human melanoma fails to regulate target genes associated with apoptosis and the cell cycle and may contribute to proliferation. BMC Cancer, 2011, 11, 203.	2.6	88
2828	Modified gateway system for double shRNA expression and Cre/lox based gene expression. BMC Biotechnology, 2011, 11, 24.	3.3	10
2829	Evaluating target silencing by short hairpin RNA mediated by the group I intron in cultured mammalian cells. BMC Biotechnology, 2011, 11, 79.	3.3	4
2830	A comparison of multiple shRNA expression methods for combinatorial RNAi. Genetic Vaccines and Therapy, 2011, 9, 9.	1.5	15
2831	siRNAs: Potential therapeutic agents against Hepatitis C Virus. Virology Journal, 2011, 8, 276.	3.4	28
2832	Modeling RNA interference in mammalian cells. BMC Systems Biology, 2011, 5, 19.	3.0	48
2833	Cigarette smoke exacerbates mouse allergic asthma through Smad proteins expressed in mast cells. Respiratory Research, 2011, 12, 49.	3.6	17
2834	Countering hepatitis B virus infection using RNAi: how far are we from the clinic?. Reviews in Medical Virology, 2011, 21, 383-396.	8.3	25
2835	Calcium $\alpha$ -dependent inhibition of polo $\alpha$ -like kinase 3 activity by CIB1 in breast cancer cells. International Journal of Cancer, 2011, 128, 587-596.	5.1	27
2836	Myocardin $\alpha$ -related transcription factor $\alpha$ induces cardiomyocyte hypertrophy. IUBMB Life, 2011, 63, 54-61.	3.4	28
2837	Light it up: Highly efficient multigene delivery in mammalian cells. BioEssays, 2011, 33, 946-955.	2.5	12
2838	The modification of siRNA with 3 $\alpha$ -cholesterol to increase nuclease protection and suppression of native mRNA by select siRNA polyplexes. Biomaterials, 2011, 32, 1404-1411.	11.4	37
2839	Three-dimensional growth of iPS cell-derived smooth muscle cells on nanofibrous scaffolds. Biomaterials, 2011, 32, 4369-4375.	11.4	53
2840	The Tpr protein regulates export of mRNAs with retained introns that traffic through the Nxf1 pathway. Rna, 2011, 17, 1344-1356.	3.5	79
2842	Overexpression of VEGF189 in breast cancer cells induces apoptosis via NRP1 under stress conditions. Cell Adhesion and Migration, 2011, 5, 332-343.	2.7	27
2843	Transcriptional gene silencing of HIV-1 through promoter targeted RNA is highly specific. RNA Biology, 2011, 8, 1035-1046.	3.1	45

#	ARTICLE	IF	CITATIONS
2844	Silencing of the GnRH Type 1 Receptor Blocks the Antiproliferative Effect of the GnRH Agonist, Leuprolide, on the Androgen-Independent Prostate Cancer Cell Line DU145. <i>Journal of International Medical Research</i> , 2011, 39, 729-739.	1.0	4
2845	Identification of c-FLIPL and c-FLIPS as critical regulators of death receptor-induced apoptosis in pancreatic cancer cells. <i>Gut</i> , 2011, 60, 225-237.	12.1	80
2846	Presenilin-1 Regulates Neural Progenitor Cell Differentiation in the Adult Brain. <i>Journal of Neuroscience</i> , 2011, 31, 2615-2623.	3.6	73
2847	Tara up-regulates E-cadherin transcription by binding to the Trio RhoGEF and inhibiting Rac signaling. <i>Journal of Cell Biology</i> , 2011, 193, 319-332.	5.2	63
2848	NMDA Receptor Activation Suppresses Microtubule Growth and Spine Entry. <i>Journal of Neuroscience</i> , 2011, 31, 8194-8209.	3.6	101
2849	Heat Shock-Induced SRSF10 Dephosphorylation Displays Thermotolerance Mediated by Hsp27. <i>Molecular and Cellular Biology</i> , 2011, 31, 458-465.	2.3	15
2850	Dissection of cell context-dependent interactions between HBx and p53 family members in regulation of apoptosis: A role for HBV-induced HCC. <i>Cell Cycle</i> , 2011, 10, 3554-3565.	2.6	47
2851	SLAIN2 links microtubule plus endâ€“tracking proteins and controls microtubule growth in interphase. <i>Journal of Cell Biology</i> , 2011, 193, 1083-1099.	5.2	116
2852	Lentiviral Vector-Mediated &lt;i>In Vitro&lt;/i> Down-Regulation of Porcine Somatostatin Expression Using shRNA. <i>Advanced Materials Research</i> , 0, 343-344, 1248-1254.	0.3	0
2853	Hepatitis C Virus Hijacks P-Body and Stress Granule Components around Lipid Droplets. <i>Journal of Virology</i> , 2011, 85, 6882-6892.	3.4	155
2854	Phospholipase CÎ³3 Regulates RhoA/Rho Kinase Signaling and Neurite Outgrowth. <i>Journal of Biological Chemistry</i> , 2011, 286, 8459-8471.	3.4	36
2855	Clinical significance of CHD1L in hepatocellular carcinoma and therapeutic potentials of virus-mediated CHD1L depletion. <i>Gut</i> , 2011, 60, 534-543.	12.1	46
2856	Characterization of presynaptic septin complexes in mammalian hippocampal neurons. <i>Biological Chemistry</i> , 2011, 392, 739-749.	2.5	48
2857	RGS10 Restricts Upregulation by Chemokines of T Cell Adhesion Mediated by Î±4Î²1 and Î±LÎ²2 Integrins. <i>Journal of Immunology</i> , 2011, 187, 1264-1272.	0.8	33
2858	Silencing of X-Linked Inhibitor of Apoptosis Decreases Resistance to Cisplatin and Paclitaxel but Not Gemcitabine in Non-Small Cell Lung Cancer. <i>Journal of International Medical Research</i> , 2011, 39, 1682-1692.	1.0	11
2859	Bypass of glycan-dependent glycoprotein delivery to ERAD by up-regulated EDEM1. <i>Molecular Biology of the Cell</i> , 2011, 22, 3945-3954.	2.1	59
2860	Cellular Gene Expression That Correlates with EBER Expression in Epstein-Barr Virus-Infected Lymphoblastoid Cell Lines. <i>Journal of Virology</i> , 2011, 85, 3535-3545.	3.4	47
2861	Distinct Cell-Autonomous Functions of <i>RETINOBLASTOMA-RELATED</i> in <i>Arabidopsis</i> Stem Cells Revealed by the Brother of Rainbow Clonal Analysis System. <i>Plant Cell</i> , 2011, 23, 2581-2591.	6.6	49

#	ARTICLE	IF	CITATIONS
2862	Desmosomal cadherins utilize distinct kinesins for assembly into desmosomes. <i>Journal of Cell Biology</i> , 2011, 195, 1185-1203.	5.2	84
2863	Downregulation of the Adenosine A2b Receptor by RNA Interference Inhibits Hepatocellular Carcinoma Cell Growth. <i>ISRN Oncology</i> , 2011, 2011, 1-7.	2.1	1
2864	Gold Nanoparticles Enhance Efficiency of In Vitro Gene Transcription-Translation System. <i>Nano Biomedicine and Engineering</i> , 2011, 3, .	0.9	6
2865	Combined RNA Interference of Hexokinase II and 131I-Sodium Iodide Symporter Gene Therapy for Anaplastic Thyroid Carcinoma. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1756-1763.	5.0	26
2866	Ca <sup>v</sup> 1.2 L-Type Ca <sup>2+</sup> Channels Mediate Cocaine-Induced GluA1 Trafficking in the Nucleus Accumbens, a Long-Term Adaptation Dependent on Ventral Tegmental Area Ca <sup>v</sup> 1.3 Channels. <i>Journal of Neuroscience</i> , 2011, 31, 13562-13575.	3.6	79
2867	Zipcode Binding Protein 1 Regulates the Development of Dendritic Arbors in Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2011, 31, 5271-5285.	3.6	76
2868	MYADM regulates Rac1 targeting to ordered membranes required for cell spreading and migration. <i>Molecular Biology of the Cell</i> , 2011, 22, 1252-1262.	2.1	46
2869	Trefoil factor 1 acts to suppress senescence induced by oncogene activation during the cellular transformation process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6591-6596.	7.1	21
2870	A Novel Toll-like Receptor That Recognizes Vesicular Stomatitis Virus. <i>Journal of Biological Chemistry</i> , 2011, 286, 4517-4524.	3.4	134
2871	Involvement of the RhoA-Dia1 pathway in the regulation of Golgi complex architecture and dynamics. <i>Molecular Biology of the Cell</i> , 2011, 22, 2900-2911.	2.1	73
2872	Glycogen synthase kinase-3 $\beta$ is required for the induction of skeletal muscle atrophy. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C995-C1007.	4.6	71
2873	Disease Modeling by Gene Targeting Using MicroRNAs. <i>Methods in Cell Biology</i> , 2011, 105, 419-436.	1.1	6
2874	Disrupted-in-Schizophrenia-1 (Disc1) is necessary for migration of the pyramidal neurons during mouse hippocampal development. <i>Human Molecular Genetics</i> , 2011, 20, 2834-2845.	2.9	55
2875	RNA interference in mammals: behind the screen. <i>Briefings in Functional Genomics</i> , 2011, 10, 215-226.	2.7	27
2876	Combination of the somatic cell nuclear transfer method and RNAi technology for the production of a prion gene-knockdown calf using plasmid vectors harboring the U6 or tRNA promoter. <i>Prion</i> , 2011, 5, 39-46.	1.8	14
2877	Gene expression inhibition of N-Myc downregulated gene 1 (NDRG1) monitoring and facilitation via transfectional transfer of NDRG1-siRNA constructs into in vitro-cultured human glioblastoma cells. , 2011, , .		0
2878	A Small-Molecule Inhibitor of MDMX Activates p53 and Induces Apoptosis. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 69-79.	4.1	118
2879	Assembly of Therapeutic pRNA-siRNA Nanoparticles Using Bipartite Approach. <i>Molecular Therapy</i> , 2011, 19, 1304-1311.	8.2	45

#	ARTICLE	IF	CITATIONS
2880	The Cdc14B phosphatase displays oncogenic activity mediated by the Ras-Mek signaling pathway. <i>Cell Cycle</i> , 2011, 10, 1607-1617.	2.6	25
2881	CLIP-170 and IQGAP1 Cooperatively Regulate Dendrite Morphology. <i>Journal of Neuroscience</i> , 2011, 31, 4555-4568.	3.6	90
2882	PC4/Tis7/IFRD1 Stimulates Skeletal Muscle Regeneration and Is Involved in Myoblast Differentiation as a Regulator of MyoD and NF- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 2011, 286, 5691-5707.	3.4	64
2883	Protein Kinase D Negatively Regulates Hepatitis C Virus Secretion through Phosphorylation of Oxysterol-binding Protein and Ceramide Transfer Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 11265-11274.	3.4	80
2884	Targeting Autophagy Augments <i>in Vitro</i> and <i>in Vivo</i> Antimyeloma Activity of DNA-Damaging Chemotherapy. <i>Clinical Cancer Research</i> , 2011, 17, 3248-3258.	7.0	78
2885	A Foamy Virus Vector System for Stable and Efficient RNAi Expression in Mammalian Cells. <i>Human Gene Therapy</i> , 2011, 22, 1293-1303.	2.7	2
2886	The use of RNAi technologies for gene knockdown in zebrafish. <i>Briefings in Functional Genomics</i> , 2011, 10, 189-196.	2.7	42
2887	Constitutive Expression of Short Hairpin RNA <i>in Vivo</i> Triggers Buildup of Mature Hairpin Molecules. <i>Human Gene Therapy</i> , 2011, 22, 1483-1497.	2.7	11
2888	Targeting Expression of the Leukemogenic PML-RAR $\alpha$ Fusion Protein by Lentiviral Vector-Mediated Small Interfering RNA Results in Leukemic Cell Differentiation and Apoptosis. <i>Human Gene Therapy</i> , 2011, 22, 1593-1598.	2.7	10
2889	Progress and Prospects: Advancements in Retroviral Vector Design, Generation, and Application. <i>Human Gene Therapy</i> , 2011, 22, 1171-1174.	2.7	4
2890	Global analysis of the mammalian RNA degradome reveals widespread miRNA-dependent and miRNA-independent endonucleolytic cleavage. <i>Nucleic Acids Research</i> , 2011, 39, 5658-5668.	14.5	76
2891	PTTG1/securin modulates microtubule nucleation and cell migration. <i>Molecular Biology of the Cell</i> , 2011, 22, 4302-4311.	2.1	35
2892	Discovery of the DIGIRR Gene from Teleost Fish: A Novel Toll $\alpha$ IL-1 Receptor Family Member Serving as a Negative Regulator of IL-1 Signaling. <i>Journal of Immunology</i> , 2011, 187, 2514-2530.	0.8	47
2893	Mechanism of Neuroprotective Mitochondrial Remodeling by PKA/AKAP1. <i>PLoS Biology</i> , 2011, 9, e1000612.	5.6	164
2894	LSR defines cell corners for tricellular tight junction formation in epithelial cells. <i>Journal of Cell Science</i> , 2011, 124, 548-555.	2.0	206
2895	Selective eicosanoid-generating capacity of cytoplasmic phospholipase A2 in <i>Pseudomonas aeruginosa</i> -infected epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 300, L286-L294.	2.9	27
2896	p53 and MicroRNA-34 Are Suppressors of Canonical Wnt Signaling. <i>Science Signaling</i> , 2011, 4, ra71.	3.6	272
2897	Targeted treatments for cervical cancer: a review. <i>OncoTargets and Therapy</i> , 2012, 5, 315.	2.0	73



#	ARTICLE	IF	CITATIONS
2898	dNTP Supply Gene Expression Patterns after P53 Loss. <i>Cancers</i> , 2012, 4, 1212-1224.	3.7	8
2899	Genetic and Genomic Dissection of Apoptosis Signaling. , 2012, , 181-197.		0
2900	EMT Inducers Catalyze Malignant Transformation of Mammary Epithelial Cells and Drive Tumorigenesis towards Claudin-Low Tumors in Transgenic Mice. <i>PLoS Genetics</i> , 2012, 8, e1002723.	3.5	171
2901	Adenovirus Delivered Short Hairpin RNA Targeting a Conserved Site in the 5' Non-Translated Region Inhibits All Four Serotypes of Dengue Viruses. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1735.	3.0	23
2902	Obscurin and KCTD6 regulate cullin-dependent small ankyrin-1 (sAnk1.5) protein turnover. <i>Molecular Biology of the Cell</i> , 2012, 23, 2490-2504.	2.1	60
2903	Strand antagonism in RNAi: an explanation of differences in potency between intracellularly expressed siRNA and shRNA. <i>Nucleic Acids Research</i> , 2012, 40, 1797-1806.	14.5	12
2904	A Dynamic Inflammatory Cytokine Network in the Human Ovarian Cancer Microenvironment. <i>Cancer Research</i> , 2012, 72, 66-75.	0.9	189
2905	The histone demethylase Kdm3a is essential to progression through differentiation. <i>Nucleic Acids Research</i> , 2012, 40, 7219-7232.	14.5	30
2906	Tiling genomes of pathogenic viruses identifies potent antiviral shRNAs and reveals a role for secondary structure in shRNA efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 869-874.	7.1	99
2907	The differential expression of glutathione peroxidase 1 and 4 depends on the nature of the SECIS element. <i>RNA Biology</i> , 2012, 9, 681-690.	3.1	36
2908	A Multi-Scale Approach to Colorectal Cancer: From a Biochemical- Interaction Signaling-Network Level, to Multi-Cellular Dynamics of Malignant Transformation. Interplay with Mutations and Onco-Protein Inhibitor Drugs. <i>Current Cancer Drug Targets</i> , 2012, 12, 339-355.	1.6	14
2909	Analysis of early C2C12 myogenesis identifies stably and differentially expressed transcriptional regulators whose knock-down inhibits myoblast differentiation. <i>Physiological Genomics</i> , 2012, 44, 183-197.	2.3	33
2910	Functional parameters of Dicer-independent microRNA biogenesis. <i>Rna</i> , 2012, 18, 945-957.	3.5	81
2911	Uniqueness, Advantages, Challenges, Solutions, and Perspectives in Therapeutics Applying RNA Nanotechnology. <i>Nucleic Acid Therapeutics</i> , 2012, 22, 226-245.	3.6	108
2912	Identification of microprocessor-dependent cancer cells allows screening for growth-sustaining micro-RNAs. <i>Oncogene</i> , 2012, 31, 2039-2048.	5.9	12
2913	Primary hematopoietic cells from DBA patients with mutations in RPL11 and RPS19 genes exhibit distinct erythroid phenotype in vitro. <i>Cell Death and Disease</i> , 2012, 3, e356-e356.	6.3	68
2914	The N-terminal region of acyl-CoA synthetase 3 is essential for both the localization on lipid droplets and the function in fatty acid uptake. <i>Journal of Lipid Research</i> , 2012, 53, 888-900.	4.2	107
2915	Robo4 Regulates the Radial Migration of Newborn Neurons in Developing Neocortex. <i>Cerebral Cortex</i> , 2012, 22, 2587-2601.	2.9	39

#	ARTICLE	IF	CITATIONS
2916	Confirming the Functional Importance of a Proteinâ€™DNA Interaction. Cold Spring Harbor Protocols, 2012, 2012, pdb.top070060.	0.3	11
2918	Molecular assemblies for siRNA delivery. Journal of Drug Delivery Science and Technology, 2012, 22, 5-16.	3.0	3
2919	COLT-Cancer: functional genetic screening resource for essential genes in human cancer cell lines. Nucleic Acids Research, 2012, 40, D957-D963.	14.5	46
2920	Thrombospondin-1 Short Hairpin RNA Suppresses Tubulointerstitial Fibrosis in the Kidney of Ureteral Obstruction by Ameliorating Peritubular Capillary Injury. Kidney and Blood Pressure Research, 2012, 35, 35-47.	2.0	29
2921	Cdk1 Inhibition Induces Mutually Inhibitory Apoptosis and Reactivation of Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2012, 86, 6668-6676.	3.4	7
2922	ADP-ribosylhydrolase 3 (ARH3), Not Poly(ADP-ribose) Glycohydrolase (PARC) Isoforms, Is Responsible for Degradation of Mitochondrial Matrix-associated Poly(ADP-ribose). Journal of Biological Chemistry, 2012, 287, 16088-16102.	3.4	96
2923	Fluorogenic RNA Nanoparticles for Monitoring RNA Folding and Degradation in Real Time in Living Cells. Nucleic Acid Therapeutics, 2012, 22, 428-437.	3.6	32
2924	Effects of silencing cyclooxygenase-2 expression via RNA interference on the tumorigenicity of the SMMC-7721 human hepatocarcinoma cell line. Oncology Reports, 2012, 27, 1829-34.	2.6	1
2925	Increased in vivo inhibition of gene expression by combining RNA interference and U1 inhibition. Nucleic Acids Research, 2012, 40, e8-e8.	14.5	16
2926	Emerging RNA-based Drugs: siRNAs, microRNAs and Derivates. Central Nervous System Agents in Medicinal Chemistry, 2012, 12, 217-232.	1.1	11
2927	SHAPE-directed Discovery of Potent shRNA Inhibitors of HIV-1. Molecular Therapy, 2012, 20, 820-828.	8.2	37
2928	The interrelationship between APC/C and Plk1 activities in centriole disengagement. Biology Open, 2012, 1, 1153-1160.	1.2	21
2929	High efficiency, Site-specific Transfection of Adherent Cells with siRNA Using Microelectrode Arrays (MEA). Journal of Visualized Experiments, 2012, , e4415.	0.3	3
2930	Preparation of Cell-lines for Conditional Knockdown of Gene Expression and Measurement of the Knockdown Effects on E4orf4-Induced Cell Death. Journal of Visualized Experiments, 2012, , .	0.3	2
2931	Non-Viral Delivery of RNA Interference Targeting Cancer Cells in Cancer Gene Therapy. Current Gene Therapy, 2012, 12, 275-284.	2.0	35
2932	Regulation of Cofilin Activity by CaMKII and Calcineurin. American Journal of the Medical Sciences, 2012, 344, 462-472.	1.1	42
2933	Lentivirus-mediated short-hairpin RNA targeting IGF-1R inhibits growth and lymphangiogenesis in breast cancer. Oncology Reports, 2012, 28, 1778-1784.	2.6	7
2934	Characterization of a Novel Functional Protein in the Pancreatic Islet. Pancreas, 2012, 41, 22-30.	1.1	2

#	ARTICLE	IF	CITATIONS
2935	Gene transfer: methods and applications. , 0, , 593-615.		0
2936	Effect of siRNA-mediated downregulation of VEGF in Tca8113 cells on the activity of monocyte-derived dendritic cells. <i>Oncology Letters</i> , 2012, 3, 885-892.	1.8	4
2937	BRCA1-mediated repression of mutagenic end-joining of DNA double-strand breaks requires complex formation with BACH1. <i>Biochemical Journal</i> , 2012, 441, 919-928.	3.7	31
2938	Transient Receptor Potential Channel 1 (TRPC1) Reduces Calcium Permeability in Heteromeric Channel Complexes. <i>Journal of Biological Chemistry</i> , 2012, 287, 3530-3540.	3.4	122
2939	Loss of the respiratory enzyme citrate synthase directly links the Warburg effect to tumor malignancy. <i>Scientific Reports</i> , 2012, 2, 785.	3.3	108
2940	Comprehensive recognition of messenger RNA polyadenylation patterns in plants. <i>African Journal of Biotechnology</i> , 2012, 11, .	0.6	0
2941	Suppression and recovery of BRCA1-mediated transcription by HP1 <sup>3</sup> via modulation of promoter occupancy. <i>Nucleic Acids Research</i> , 2012, 40, 11321-11338.	14.5	20
2942	Basic techniques in insect virology. , 2012, , 15-74.		20
2943	Deacetylation of FOXO3 by SIRT1 or SIRT2 leads to Skp2-mediated FOXO3 ubiquitination and degradation. <i>Oncogene</i> , 2012, 31, 1546-1557.	5.9	185
2944	Loss of <i>ERLIN2</i> function leads to juvenile primary lateral sclerosis. <i>Annals of Neurology</i> , 2012, 72, 510-516.	5.3	58
2945	Molecular mechanism of a novel CD59-binding peptide sp22 induced tumor cells apoptosis. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3810-3822.	2.6	3
2946	Silencing expression of ribosomal protein L26 and L29 by RNA interfering inhibits proliferation of human pancreatic cancer PANC-1 cells. <i>Molecular and Cellular Biochemistry</i> , 2012, 370, 127-139.	3.1	47
2947	The Loop Position of shRNAs and Pre-miRNAs Is Critical for the Accuracy of Dicer Processing In Vivo. <i>Cell</i> , 2012, 151, 900-911.	28.9	266
2948	MED12 Controls the Response to Multiple Cancer Drugs through Regulation of TGF- $\beta$ 2 Receptor Signaling. <i>Cell</i> , 2012, 151, 937-950.	28.9	371
2949	Myostatin gene silencing by RNA interference in chicken embryo fibroblast cells. <i>Journal of Biotechnology</i> , 2012, 160, 140-145.	3.8	21
2950	RNA Interference with Special Reference to Combating Viruses of Crustacea. <i>Indian Journal of Virology: an Official Organ of Indian Virological Society</i> , 2012, 23, 226-243.	0.7	13
2951	Identification of a novel short peptide seal specific to CD59 and its effect on HeLa cell growth and apoptosis. <i>Cellular Oncology (Dordrecht)</i> , 2012, 35, 355-365.	4.4	9
2952	Effects of cerium on growth and physiological characteristics of <i>Anabaena flosaquae</i> . <i>Journal of Rare Earths</i> , 2012, 30, 1287-1292.	4.8	31

#	ARTICLE	IF	CITATIONS
2953	Use and Abuse of RNAi to Study Mammalian Gene Function. <i>Science</i> , 2012, 337, 421-422.	12.6	158
2954	MECHANISMS IN ENDOCRINOLOGY: Micro-RNAs: targets for enhancing osteoblast differentiation and bone formation. <i>European Journal of Endocrinology</i> , 2012, 166, 359-371.	3.7	125
2955	I2PP2A regulates p53 and Akt correlatively and leads the neurons to abort apoptosis. <i>Neurobiology of Aging</i> , 2012, 33, 254-264.	3.1	38
2956	Arsenite-induced apoptosis of human neuroblastoma cells requires p53 but occurs independently of c-Jun. <i>Neuroscience</i> , 2012, 206, 25-38.	2.3	25
2957	Bone Marrow Failure in Fanconi Anemia Is Triggered by an Exacerbated p53/p21 DNA Damage Response that Impairs Hematopoietic Stem and Progenitor Cells. <i>Cell Stem Cell</i> , 2012, 11, 36-49.	11.1	262
2958	Tuning the Activity of Platinum(IV) Anticancer Complexes through Asymmetric Acylation. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7571-7582.	6.4	92
2959	Dual functions of DP1 promote biphasic Wnt-on and Wnt-off states during anteroposterior neural patterning. <i>EMBO Journal</i> , 2012, 31, 3384-3397.	7.8	20
2960	Inhibition of hepatitis B Virus replication by hepatocyte nuclear factor 4 $\alpha$ specific short hairpin RNA. <i>Liver International</i> , 2012, 32, 742-751.	3.9	21
2961	Noncoding Flavivirus RNA Displays RNA Interference Suppressor Activity in Insect and Mammalian Cells. <i>Journal of Virology</i> , 2012, 86, 13486-13500.	3.4	248
2962	KIF20A mRNA and Its Product MKlp2 Are Increased During Hepatocyte Proliferation and Hepatocarcinogenesis. <i>American Journal of Pathology</i> , 2012, 180, 131-140.	3.8	76
2963	A novel antiviral approach. <i>Medical Hypotheses</i> , 2012, 79, 396-399.	1.5	1
2964	Adenoviral vector expressing short hairpin RNA targeting Wnt2B has an effective antitumour activity against Wnt2B2-overexpressing tumours. <i>European Journal of Cancer</i> , 2012, 48, 1208-1218.	2.8	19
2965	Silencing of a large microRNA cluster on human chromosome 14q32 in melanoma: biological effects of mir-376a and mir-376c on insulin growth factor 1 receptor. <i>Molecular Cancer</i> , 2012, 11, 44.	19.2	123
2966	Identification of a highly conserved valine-glycine-phenylalanine amino acid triplet required for HIV-1 Nef function. <i>Retrovirology</i> , 2012, 9, 34.	2.0	15
2967	In vitro inhibition of transmissible gastroenteritis coronavirus replication in swine testicular cells by short hairpin RNAs targeting the ORF 7 gene. <i>Virology Journal</i> , 2012, 9, 176.	3.4	5
2968	MK3 controls Polycomb target gene expression via negative feedback on ERK. <i>Epigenetics and Chromatin</i> , 2012, 5, 12.	3.9	18
2969	Analysis of Nonsense $\alpha$ Mediated mRNA Decay in Mammalian Cells. <i>Current Protocols in Cell Biology</i> , 2012, 55, Unit27.4.	2.3	33
2970	ELMO Domains, Evolutionary and Functional Characterization of a Novel GTPase-activating Protein (GAP) Domain for Arf Protein Family GTPases. <i>Journal of Biological Chemistry</i> , 2012, 287, 39538-39553.	3.4	54

#	ARTICLE	IF	CITATIONS
2971	Selective Proteasomal Degradation of the Bâ€² Subunit of Protein Phosphatase 2A by the E3 Ubiquitin Ligase Adaptor Kelch-like 15. <i>Journal of Biological Chemistry</i> , 2012, 287, 43378-43389.	3.4	36
2972	Mammalian Target of Rapamycin Complex 1 (mTORC1) and 2 (mTORC2) Control the Dendritic Arbor Morphology of Hippocampal Neurons. <i>Journal of Biological Chemistry</i> , 2012, 287, 30240-30256.	3.4	127
2973	Nanoparticle-based delivery of small interfering RNA: challenges for cancer therapy. <i>International Journal of Nanomedicine</i> , 2012, 7, 3637.	6.7	151
2974	USP15 stabilizes TGF-Î² receptor I and promotes oncogenesis through the activation of TGF-Î² signaling in glioblastoma. <i>Nature Medicine</i> , 2012, 18, 429-435.	30.7	342
2975	Targeting Ribosome assembly on the HCV RNA using a small RNA molecule. <i>RNA Biology</i> , 2012, 9, 1110-1119.	3.1	10
2976	Polycation-based nanoparticle delivery of RNAi therapeutics: Adverse effects and solutions. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 1717-1729.	13.7	136
2977	Inhibition of canine parvovirus replication in cultured cells by small interfering RNAs expressed from plasmid vectors. <i>Antiviral Research</i> , 2012, 95, 237-241.	4.1	3
2978	Depletion of SUMO ligase hMMS21 impairs G1 to S transition in MCF-7 breast cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1893-1900.	2.4	15
2979	Diacylglycerol kinase Î² counteracts protein kinase C-mediated inactivation of the EGF receptor. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1791-1799.	2.8	8
2980	Tyrosine-leucine-based gene vector for suppressing VEGF expression in cancer therapy. <i>Biomaterials</i> , 2012, 33, 8685-8694.	11.4	26
2981	Silencing of Notch3 Using shRNA Driven by Survivin Promoter Inhibits Growth and Promotes Apoptosis of Human T-Cell Acute Lymphoblastic Leukemia Cells. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2012, 12, 59-65.	0.4	9
2982	Dicer-substrate siRNA inhibits tumor necrosis factor alpha secretion in Kupffer cells in vitro: In vivo targeting of Kupffer cells by siRNA-liposomes. <i>Pharmacological Research</i> , 2012, 65, 48-55.	7.1	6
2983	Gene targeting in primary human trophoblasts. <i>Placenta</i> , 2012, 33, 754-762.	1.5	7
2985	Design and Construction of Functional AAV Vectors. <i>Methods in Molecular Biology</i> , 2012, 807, 25-46.	0.9	46
2986	Synthesis, Conjugation, and Labeling of Multifunctional pRNA Nanoparticles for Specific Delivery of siRNA, Drugs, and Other Therapeutics to Target Cells. <i>Methods in Molecular Biology</i> , 2012, 928, 197-219.	0.9	20
2987	Combining competition assays with genetic complementation strategies to dissect mouse embryonic stem cell self-renewal and pluripotency. <i>Nature Protocols</i> , 2012, 7, 729-748.	12.0	34
2988	DNA Vector-based RNA Interference to Study Gene Function in Cancer. <i>Journal of Visualized Experiments</i> , 2012, , e4129.	0.3	17
2989	Long-range Transcriptome Sequencing Reveals Cancer Cell Growth Regulatory Chimeric mRNA. <i>Neoplasia</i> , 2012, 14, 1087-49.	5.3	19

#	ARTICLE	IF	CITATIONS
2990	Biological effects of decreasing <i>RBM15</i> on chronic myelogenous leukemia cells. <i>Leukemia and Lymphoma</i> , 2012, 53, 2237-2244.	1.3	24
2991	Protein Kinase Technologies. <i>Neuromethods</i> , 2012, , .	0.3	0
2992	Synthesis of Dumbbell-Shaped Cyclic RNAs for RNA Interference. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2012, 48, Unit 16.4.1-11.	0.5	5
2993	TRADD contributes to tumour suppression by regulating ULF-dependent p19Arf ubiquitylation. <i>Nature Cell Biology</i> , 2012, 14, 625-633.	10.3	34
2994	Rational Drug Design. <i>Methods in Molecular Biology</i> , 2012, , .	0.9	2
2996	Lentivirus-mediated gene silencing of KLF8 reduced the proliferation and invasion of gastric cancer cells. <i>Molecular Biology Reports</i> , 2012, 39, 9809-9815.	2.3	16
2997	Prostate-targeted biodegradable nanoparticles loaded with androgen receptor silencing constructs eradicate xenograft tumors in mice. <i>Nanomedicine</i> , 2012, 7, 1297-1309.	3.3	39
2998	Proteoglycans. <i>Methods in Molecular Biology</i> , 2012, 836, vii-viii.	0.9	2
2999	Anti-HBV efficacy of combined siRNAs targeting viral gene and heat shock cognate 70. <i>Virology Journal</i> , 2012, 9, 275.	3.4	11
3000	Protein Phosphatase Magnesium Dependent 1A (PPM1A) Plays a Role in the Differentiation and Survival Processes of Nerve Cells. <i>PLoS ONE</i> , 2012, 7, e32438.	2.5	23
3001	A Common Role for Various Human Truncated Adenomatous Polyposis Coli Isoforms in the Control of Beta-Catenin Activity and Cell Proliferation. <i>PLoS ONE</i> , 2012, 7, e34479.	2.5	38
3002	The Anaphase-Promoting Complex or Cyclosome Supports Cell Survival in Response to Endoplasmic Reticulum Stress. <i>PLoS ONE</i> , 2012, 7, e35520.	2.5	7
3003	Transcriptional and Post-Transcriptional Regulation of SPAST, the Gene Most Frequently Mutated in Hereditary Spastic Paraplegia. <i>PLoS ONE</i> , 2012, 7, e36505.	2.5	21
3004	A Novel RNAi Lethality Rescue Screen to Identify Regulators of Adipogenesis. <i>PLoS ONE</i> , 2012, 7, e37680.	2.5	13
3005	A Novel Vector-Based Method for Exclusive Overexpression of Star-Form MicroRNAs. <i>PLoS ONE</i> , 2012, 7, e41504.	2.5	9
3006	Proteomic Analysis of PKC $\delta$ -Related Proteins in the Spinal Cord of Morphine-Tolerant Rats. <i>PLoS ONE</i> , 2012, 7, e42068.	2.5	12
3007	The Expression of Tubulin Cofactor A (TBCA) Is Regulated by a Noncoding Antisense TbcA RNA during Testis Maturation. <i>PLoS ONE</i> , 2012, 7, e42536.	2.5	29
3008	The Sound of Silence: RNAi in Poly (ADP-Ribose) Research. <i>Genes</i> , 2012, 3, 779-805.	2.4	4

#	ARTICLE	IF	CITATIONS
3009	Optimized models for design of efficient miR30-based shRNAs. <i>Frontiers in Genetics</i> , 2012, 3, 163.	2.3	17
3010	Development of Vaccines and Gene Therapy Against HPV Infection and Cervical Cancer. , 0, , .		0
3011	RNA Interference Machinery - A Dental Insight. <i>Journal of Advanced Oral Research</i> , 2012, 3, 1-6.	1.1	0
3012	Progress on RNAi-based molecular medicines. <i>International Journal of Nanomedicine</i> , 2012, 7, 3971.	6.7	30
3013	A Functional RNAi-Based Knockdown System: A Tool to Investigate HPV Entry?. , 0, , .		0
3014	Inhibition of vascular endothelial growth factor A expression in mouse granulosa cells by lentivector-mediated RNAi. <i>Genetics and Molecular Research</i> , 2012, 11, 4019-4033.	0.2	0
3015	Efficient Silencing of Hepatitis B Virus by Helper-dependent Adenovirus Vector-mediated Delivery of Artificial Antiviral Primary Micro RNAs. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2012, 1, 19-25.	1.2	8
3016	Stable silencing of Î²-lactoglobulin (BLG) gene by lentivirus-mediated RNAi in goat fetal fibroblasts. <i>Genetics and Molecular Biology</i> , 2012, 35, 680-685.	1.3	4
3017	Lentivirus-delivered ZEB-1 small interfering RNA inhibits lung adenocarcinoma cell growth in vitro and in vivo. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 1329-1338.	2.5	10
3018	Gene Therapy for Heart Failure. <i>Circulation Research</i> , 2012, 110, 777-793.	4.5	130
3019	Mammalian Target of Rapamycin. <i>Neuromethods</i> , 2012, , 291-318.	0.3	2
3020	A novel ESTâ€derived RNAi screen reveals a critical role for farnesyl diphosphate synthase in Î²2â€adrenergic receptor internalization and downâ€regulation. <i>FASEB Journal</i> , 2012, 26, 1995-2007.	0.5	12
3021	Adenovirusâ€mediated RNA interference targeting FOXM1 transcription factor suppresses cell proliferation and tumor growth of nasopharyngeal carcinoma. <i>Journal of Gene Medicine</i> , 2012, 14, 231-240.	2.8	32
3022	Adenoâ€associated virusâ€delivered polycistronic microRNAâ€clusters for knockdown of vascular endothelial growth factor <i>in vivo</i>. <i>Journal of Gene Medicine</i> , 2012, 14, 328-338.	2.8	40
3023	Lentiviral vectors encoding short hairpin RNAs efficiently transduce and knockdown LINGOâ€1 but induce an interferon response and cytotoxicity in central nervous system neurones. <i>Journal of Gene Medicine</i> , 2012, 14, 299-315.	2.8	17
3024	A screening method to assess biological effects of microRNA overexpression in Chinese hamster ovary cells. <i>Biotechnology and Bioengineering</i> , 2012, 109, 1376-1385.	3.3	45
3025	On the role of TRPC1 in control of Ca<sup>2+</sup> influx, cell volume, and cell cycle. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 303, C625-C634.	4.6	23
3026	Life on a microarray: assessing live cell functions in a microarray format. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 2717-2725.	5.4	27



#	ARTICLE	IF	CITATIONS
3027	Developmental regulation of MURF E3 ubiquitin ligases in skeletal muscle. <i>Journal of Muscle Research and Cell Motility</i> , 2012, 33, 107-122.	2.0	46
3028	A transgenic Marc-145 cell line of piggyBac transposon-derived targeting shRNA interference against porcine reproductive and respiratory syndrome virus. <i>Veterinary Research Communications</i> , 2012, 36, 99-105.	1.6	6
3029	Effect of TRPC6 knockdown on puromycin aminonucleoside-induced podocyte injury. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2012, 32, 340-345.	1.0	4
3030	Illuminating the Gateway of Gene Silencing: Perspective of RNA Interference Technology in Clinical Therapeutics. <i>Molecular Biotechnology</i> , 2012, 51, 289-302.	2.4	5
3031	A role of GADD153 in ER stress-induced apoptosis in recombinant Chinese hamster ovary cells. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 446-455.	2.6	3
3032	LIME Mediates Immunological Synapse Formation through Activation of VAV. <i>Molecules and Cells</i> , 2012, 33, 407-414.	2.6	7
3033	Lentiviral-mediated gene delivery reveals distinct roles of nucleus accumbens dopamine D2 and D3 receptors in novelty- and light-induced locomotor activity. <i>European Journal of Neuroscience</i> , 2012, 35, 1344-1353.	2.6	13
3034	Lentiviral vectors for cutaneous RNA managing. <i>Experimental Dermatology</i> , 2012, 21, 162-170.	2.9	7
3035	Mir-483-5p suppresses the proliferation of glioma cells via directly targeting ERK1. <i>FEBS Letters</i> , 2012, 586, 1312-1317.	2.8	76
3036	Synergistic treatment of ovarian cancer by co-delivery of survivin shRNA and paclitaxel via supramolecular micellar assembly. <i>Biomaterials</i> , 2012, 33, 6580-6591.	11.4	114
3037	Efficient genetic manipulation of 1321N1 astrocytoma cells using lentiviral gene transfer. <i>Journal of Neuroscience Methods</i> , 2012, 206, 138-142.	2.5	31
3038	Comparative high-throughput RNAi screening methodologies in <i>C. elegans</i> and mammalian cells. <i>New Biotechnology</i> , 2012, 29, 459-470.	4.4	17
3039	Use of RNA interference to minimize ischemia reperfusion injury. <i>Transplantation Reviews</i> , 2012, 26, 140-155.	2.9	13
3040	Clinical lung xenotransplantation – what donor genetic modifications may be necessary?. <i>Xenotransplantation</i> , 2012, 19, 144-158.	2.8	60
3041	Gene silencing of IL-12 in dendritic cells inhibits autoimmune arthritis. <i>Journal of Translational Medicine</i> , 2012, 10, 19.	4.4	38
3042	RNA interference targeting virion core protein ORF095 inhibits Goatpox virus replication in Vero cells. <i>Virology Journal</i> , 2012, 9, 48.	3.4	10
3043	Knockdown of MRP4 by lentivirus-mediated siRNA improves sensitivity to adriamycin in adriamycin-resistant acute myeloid leukemia cells. <i>Science Bulletin</i> , 2012, 57, 90-97.	1.7	8
3044	Lentivirus-mediated siRNA interference targeting SCO-1 inhibits human NSCLC cell growth. <i>Tumor Biology</i> , 2012, 33, 515-521.	1.8	14

#	ARTICLE	IF	CITATIONS
3045	Deoxycytidine kinase is overexpressed in poor outcome breast cancer and determines responsiveness to nucleoside analogs. <i>Breast Cancer Research and Treatment</i> , 2012, 131, 809-818.	2.5	25
3046	RNA interference and ischemic injury. <i>Molecular Biology Reports</i> , 2012, 39, 593-597.	2.3	1
3047	The effects of vascular endothelial growth factor C knockdown in esophageal squamous cell carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 133-139.	2.5	6
3048	CDK-associated Cullin 1 can promote cell proliferation and inhibit cisplatin-induced apoptosis in the AGS gastric cancer cell line. <i>World Journal of Surgical Oncology</i> , 2013, 11, 5.	1.9	17
3049	ARTD10 substrate identification on protein microarrays: regulation of GSK3 $\beta$ by mono-ADP-ribosylation. <i>Cell Communication and Signaling</i> , 2013, 11, 5.	6.5	110
3050	p53 induces transcriptional and translational programs to suppress cell proliferation and growth. <i>Genome Biology</i> , 2013, 14, R32.	9.6	97
3051	Genetically Encoded Light-Activated Transcription for Spatiotemporal Control of Gene Expression and Gene Silencing in Mammalian Cells. <i>Journal of the American Chemical Society</i> , 2013, 135, 13433-13439.	13.7	83
3052	Enzymatic production and expression of shRNAmir30 from cDNAs. <i>Genes and Genomics</i> , 2013, 35, 395-403.	1.4	0
3053	Fabrication of pRNA nanoparticles to deliver therapeutic RNAs and bioactive compounds into tumor cells. <i>Nature Protocols</i> , 2013, 8, 1635-1659.	12.0	108
3054	Retinal Degeneration. <i>Methods in Molecular Biology</i> , 2013, , .	0.9	12
3055	Construction of multiple shRNAs expression vector that inhibits FUT1 gene expression and production of the transgenic SCNT embryos in vitro. <i>Molecular Biology Reports</i> , 2013, 40, 2243-2252.	2.3	2
3056	Systems Biology of Apoptosis. , 2013, , .		4
3057	Trinucleotide Repeat Protocols. <i>Methods in Molecular Biology</i> , 2013, , .	0.9	3
3058	Distinct Roles for Somatically and Dendritically Synthesized Brain-Derived Neurotrophic Factor in Morphogenesis of Dendritic Spines. <i>Journal of Neuroscience</i> , 2013, 33, 11618-11632.	3.6	76
3060	Knockdown of NOB1 expression by RNAi inhibits cellular proliferation and migration in human gliomas. <i>Gene</i> , 2013, 528, 146-153.	2.2	14
3061	Fndc5 knockdown significantly decreased neural differentiation rate of mouse embryonic stem cells. <i>Neuroscience</i> , 2013, 231, 296-304.	2.3	113
3062	MicroRNA Protocols. <i>Methods in Molecular Biology</i> , 2013, , .	0.9	2
3063	Phosphorylation of Threonine-19 of PSD-95 by GSK-3 $\beta$ is Required for PSD-95 Mobilization and Long-Term Depression. <i>Journal of Neuroscience</i> , 2013, 33, 12122-12135.	3.6	121

#	ARTICLE	IF	CITATIONS
3064	The E6AP E3 ubiquitin ligase regulates the cellular response to oxidative stress. <i>Oncogene</i> , 2013, 32, 3510-3519.	5.9	23
3065	Amyotrophic lateral sclerosis (ALS)-associated VAPB-P56S inclusions represent an ER quality control compartment. <i>Acta Neuropathologica Communications</i> , 2013, 1, 24.	5.2	46
3066	Silencing of FABP3 Inhibits Proliferation and Promotes Apoptosis in Embryonic Carcinoma Cells. <i>Cell Biochemistry and Biophysics</i> , 2013, 66, 139-146.	1.8	15
3067	VMA21 deficiency prevents vacuolar ATPase assembly and causes autophagic vacuolar myopathy. <i>Acta Neuropathologica</i> , 2013, 125, 439-457.	7.7	119
3068	High Mitochondrial Priming Sensitizes hESCs to DNA-Damage-Induced Apoptosis. <i>Cell Stem Cell</i> , 2013, 13, 483-491.	11.1	136
3069	Lung endothelial HO-1 targeting <i>in vivo</i> using lentiviral miRNA regulates apoptosis and autophagy during oxidant injury. <i>FASEB Journal</i> , 2013, 27, 4041-4058.	0.5	44
3070	PML tumor suppressor protein is required for HCV production. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 592-597.	2.1	15
3071	Tumor Microenvironmental Signaling Elicits Epithelial-Mesenchymal Plasticity through Cooperation with Transforming Genetic Events. <i>Neoplasia</i> , 2013, 15, 1100-1109.	5.3	30
3072	Characterization of the swine U6 promoter for short hairpin RNA expression and its application to inhibition of virus replication. <i>Journal of Biotechnology</i> , 2013, 168, 78-84.	3.8	4
3073	Regulation of NF- $\kappa$ B signalling by the mono-ADP-ribosyltransferase ARTD10. <i>Nature Communications</i> , 2013, 4, 1683.	12.8	128
3074	Accelerating Cancer Modeling with RNAi and Nongermine Genetically Engineered Mouse Models. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.top069856.	0.3	17
3075	Conditional Dicer Substrate Formation via Shape and Sequence Transduction with Small Conditional RNAs. <i>Journal of the American Chemical Society</i> , 2013, 135, 17322-17330.	13.7	36
3076	Identification of Loop Nucleotide Polymorphisms Affecting MicroRNA Processing and Function. <i>Molecules and Cells</i> , 2013, 36, 518-526.	2.6	9
3077	Creating an miR30-Based shRNA Vector. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot075853.	0.3	30
3078	Challenges and Opportunities for Respiratory Syncytial Virus Vaccines. <i>Current Topics in Microbiology and Immunology</i> , 2013, , .	1.1	8
3079	Inhibition of hepatitis B virus (HBV) gene expression and replication by HBx gene silencing in a hydrodynamic injection mouse model with a new clone of HBV genotype B. <i>Virology Journal</i> , 2013, 10, 214.	3.4	17
3080	Intraperitoneal Administration of AAV9-shRNA Inhibits Target Gene Expression in the Dorsal Root Ganglia of Neonatal Mice. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-36.	2.1	19
3081	The role of IFITM3 in the growth and migration of human glioma cells. <i>BMC Neurology</i> , 2013, 13, 210.	1.8	35

#	ARTICLE	IF	CITATIONS
3082	Short hairpin RNA induces methylation of hepatitis B virus covalently closed circular DNA in human hepatoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 152-155.	2.1	12
3083	Exosomes for targeted siRNA delivery across biological barriers. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 391-397.	13.7	430
3084	CDK-associated Cullin 1 promotes cell proliferation with activation of ERK1/2 in human lung cancer A549 cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 108-113.	2.1	12
3085	Trafficking of molecules between parasitic plants and their hosts. <i>Weed Research</i> , 2013, 53, 231-241.	1.7	18
3086	SNAP-25 regulates spine formation through postsynaptic binding to p140Cap. <i>Nature Communications</i> , 2013, 4, 2136.	12.8	69
3087	Myosin X and its motorless isoform differentially modulate dendritic spine development by regulating trafficking and retention of vasodilator-stimulated phosphoprotein. <i>Journal of Cell Science</i> , 2013, 126, 4756-68.	2.0	20
3088	Cas9 as a versatile tool for engineering biology. <i>Nature Methods</i> , 2013, 10, 957-963.	19.0	1,073
3089	Proinflammatory stimuli induce galectin-9 in human mesenchymal stromal cells to suppress cell proliferation. <i>European Journal of Immunology</i> , 2013, 43, 2741-2749.	2.9	92
3090	Clinical translation of RNAi-based treatments for respiratory diseases. <i>Drug Delivery and Translational Research</i> , 2013, 3, 84-99.	5.8	6
3091	Doxycycline-Dependent Inducible and Reversible RNA Interference Mediated by a Single Lentivirus Vector. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 776-781.	1.3	10
3092	Activation and control of p53 tetramerization in individual living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15497-15501.	7.1	106
3093	eRNAs Are Required for p53-Dependent Enhancer Activity and Gene Transcription. <i>Molecular Cell</i> , 2013, 49, 524-535.	9.7	484
3094	RNA-Guided Human Genome Engineering via Cas9. <i>Science</i> , 2013, 339, 823-826.	12.6	8,009
3095	Reciprocal regulation of p53 and malic enzymes modulates metabolism and senescence. <i>Nature</i> , 2013, 493, 689-693.	27.8	386
3096	Beyond Secondary Structure: Primary-Sequence Determinants License Pri-miRNA Hairpins for Processing. <i>Cell</i> , 2013, 152, 844-858.	28.9	373
3097	c-Cbl shRNA-expressing adenovirus sensitizes TRAIL-induced apoptosis in prostate cancer DU-145 through increases of DR4/5. <i>Cancer Gene Therapy</i> , 2013, 20, 82-87.	4.6	19
3098	Gene delivery to overcome astrocyte inhibition of axonal growth: An in vitro Model of the glial scar. <i>Biotechnology and Bioengineering</i> , 2013, 110, 947-957.	3.3	12
3099	Essential role of human 8-oxoguanine DNA glycosylase 1 in mitochondrial oxidative DNA repair. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 54-64.	2.2	20

#	ARTICLE	IF	CITATIONS
3100	Organic small hairpin RNAs (OshR): A do-it-yourself platform for transgene-based gene silencing. <i>Methods</i> , 2013, 63, 101-109.	3.8	1
3101	Reduction of Osteopontin In Vivo Inhibits Tubular Epithelial to Mesenchymal Transition in Rats With Chronic Allograft Nephropathy. <i>Transplantation Proceedings</i> , 2013, 45, 659-665.	0.6	6
3102	The heat shock transcription factor 1 as a potential new therapeutic target in multiple myeloma. <i>British Journal of Haematology</i> , 2013, 160, 465-476.	2.5	57
3103	siRNA therapeutics in the treatment of diseases. <i>Therapeutic Delivery</i> , 2013, 4, 45-57.	2.2	30
3104	Gene silencing by chemically modified siRNAs. <i>New Biotechnology</i> , 2013, 30, 302-307.	4.4	33
3105	What Parameters to Consider and Which Software Tools to Use for Target Selection and Molecular Design of Small Interfering RNAs. <i>Methods in Molecular Biology</i> , 2013, 942, 1-16.	0.9	5
3106	Inhibition of FOXM1 transcription factor suppresses cell proliferation and tumor growth of breast cancer. <i>Cancer Gene Therapy</i> , 2013, 20, 117-124.	4.6	45
3107	Generation of Stable Human Cell Lines with Tetracycline-inducible (Tet-on) shRNA or cDNA Expression. <i>Journal of Visualized Experiments</i> , 2013, , e50171.	0.3	13
3108	RNA Interference Pathways and Therapeutic Exploitation. <i>Advances in Delivery Science and Technology</i> , 2013, , 1-29.	0.4	0
3109	Genetic Approaches in Human Embryonic Stem Cells and their Derivatives. , 2013, , 311-325.		1
3110	Genetic Manipulation of Human Embryonic Stem Cells. , 2013, , 327-337.		0
3111	Target Validation in Mice by Constitutive and Conditional RNAi. <i>Methods in Molecular Biology</i> , 2013, 986, 307-323.	0.9	4
3112	RNA Interference—A Silent but an Efficient Therapeutic Tool. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 1774-1789.	2.9	29
3113	Interaction between p53 and estradiol pathways in transcriptional responses to chemotherapeutics. <i>Cell Cycle</i> , 2013, 12, 1211-1224.	2.6	32
3114	Klf9 is necessary and sufficient for Purkinje cell survival in organotypic culture. <i>Molecular and Cellular Neurosciences</i> , 2013, 54, 9-21.	2.2	22
3115	Inhibition of Sox2 Expression in the Adult Neural Stem Cell Niche In Vivo by Monocationic-based siRNA Delivery. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e89.	5.1	9
3116	Vector and Helper Genome Rearrangements Occur During Production of Helper-Dependent Adenoviral Vectors. <i>Human Gene Therapy Methods</i> , 2013, 24, 1-10.	2.1	7
3117	Design of Lentivirally Expressed siRNAs. <i>Methods in Molecular Biology</i> , 2013, 942, 233-257.	0.9	6

#	ARTICLE	IF	CITATIONS
3118	RNAi as Antiviral Therapy: The HIV-1 Case. <i>Advances in Delivery Science and Technology</i> , 2013, , 221-242.	0.4	0
3119	Controllable inhibition of hepatitis B virus replication by a DR1-targeting short hairpin RNA (shRNA) expressed from a DOX-inducible lentiviral vector. <i>Virus Genes</i> , 2013, 46, 393-403.	1.6	7
3125	Targeted Delivery of siRNA—Generating DNA Nanocassettes Using Multifunctional Nanoparticles. <i>Small</i> , 2013, 9, 1964-1973.	10.0	30
3126	Lentiviral-Mediated Gene Transfer of siRNAs for the Treatment of Huntington's Disease. <i>Methods in Molecular Biology</i> , 2013, 1010, 95-109.	0.9	4
3127	Identification of Pathogenetically Relevant Genes in Lymphomagenesis by shRNA Library Screens. <i>Methods in Molecular Biology</i> , 2013, 971, 245-263.	0.9	1
3128	Upregulation of Trop-2 quantitatively stimulates human cancer growth. <i>Oncogene</i> , 2013, 32, 222-233.	5.9	208
3129	First Knockdown Gene Expression in Bat ( <i>Hipposideros armiger</i> ) Brain Mediated by Lentivirus. <i>Molecular Biotechnology</i> , 2013, 54, 564-571.	2.4	13
3130	Brahma-related gene 1 bridges epigenetic regulation of proinflammatory cytokine production to steatohepatitis in mice. <i>Hepatology</i> , 2013, 58, 576-588.	7.3	93
3131	Rapid construction of transgene-amplified CHO cell lines by cell cycle checkpoint engineering. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 5731-5741.	3.6	21
3132	TAp73 enhances the pentose phosphate pathway and supports cell proliferation. <i>Nature Cell Biology</i> , 2013, 15, 991-1000.	10.3	198
3133	miRNA and shRNA Expression Vectors Based on mRNA and miRNA Processing. <i>Methods in Molecular Biology</i> , 2013, 936, 195-207.	0.9	4
3134	Chromatin-associated ncRNA activities. <i>Chromosome Research</i> , 2013, 21, 627-641.	2.2	35
3135	Characterization of Zebrafish Polymerase III Promoters for the Expression of Short-Hairpin RNA Interference Molecules. <i>Zebrafish</i> , 2013, 10, 472-479.	1.1	12
3136	Identification, expression profiling of a grass carp TLR8 and its inhibition leading to the resistance to reovirus in CIK cells. <i>Developmental and Comparative Immunology</i> , 2013, 41, 82-93.	2.3	30
3137	ADP-ribosylation factors 1 and 6 regulate Wnt/ $\beta$ -catenin signaling via control of LRP6 phosphorylation. <i>Oncogene</i> , 2013, 32, 3390-3396.	5.9	23
3139	Short Hairpin RNA-Mediated Gene Silencing. <i>Methods in Molecular Biology</i> , 2013, 942, 205-232.	0.9	83
3140	Construction of shRNA Expression Plasmids for Silkworm Cell Lines Using Single-Stranded DNA and Bst DNA Polymerase. <i>Methods in Molecular Biology</i> , 2013, 942, 347-355.	0.9	5
3141	A high-content cellular senescence screen identifies candidate tumor suppressors, including EPHA3. <i>Cell Cycle</i> , 2013, 12, 625-634.	2.6	16

#	ARTICLE	IF	CITATIONS
3142	Proinflammatory Stimuli Engage Brahma Related Gene 1 and Brahma in Endothelial Injury. <i>Circulation Research</i> , 2013, 113, 986-996.	4.5	87
3143	Regulation Effect of Zinc Fingers and Homeoboxes 2 on Alpha-Fetoprotein in Human Hepatocellular Carcinoma. <i>Gastroenterology Research and Practice</i> , 2013, 2013, 1-8.	1.5	1
3144	Killing Effect of Ad5/F35-APE1 siRNA Recombinant Adenovirus in Combination with Hematoporphyrin Derivative-Mediated Photodynamic Therapy on Human Nonsmall Cell Lung Cancer. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	13
3145	Interplay between Homeobox proteins and Polycomb repressive complexes in p16INK4a regulation. <i>EMBO Journal</i> , 2013, 32, 982-995.	7.8	35
3146	The ALS8 protein VAPB interacts with the ER-Golgi recycling protein YIF1A and regulates membrane delivery into dendrites. <i>EMBO Journal</i> , 2013, 32, 2056-2072.	7.8	58
3147	Tailoring DNA Vaccines: Designing Strategies Against HER2-Positive Cancers. <i>Frontiers in Oncology</i> , 2013, 3, 122.	2.8	27
3148	A Mutation-Independent Therapeutic Strategy for Dominant Dystrophic Epidermolysis Bullosa. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2793-2796.	0.7	9
3149	Liprin- $\beta$ 2 promotes the presynaptic recruitment and turnover of RIM1/CASK to facilitate synaptic transmission. <i>Journal of Cell Biology</i> , 2013, 201, 915-928.	5.2	98
3150	Induction of p38 $\beta$ Expression Plays an Essential Role in Oncogenic <i>ras</i> -Induced Senescence. <i>Molecular and Cellular Biology</i> , 2013, 33, 3780-3794.	2.3	24
3151	Prospects for nucleic acid-based therapeutics against hepatitis C virus. <i>World Journal of Gastroenterology</i> , 2013, 19, 8949.	3.3	13
3152	Brain-Derived Neurotrophic Factor Induces Matrix Metalloproteinase 9 Expression in Neurons via the Serum Response Factor/c-Fos Pathway. <i>Molecular and Cellular Biology</i> , 2013, 33, 2149-2162.	2.3	70
3153	EBNA3C-Mediated Regulation of Aurora Kinase B Contributes to Epstein-Barr Virus-Induced B-Cell Proliferation through Modulation of the Activities of the Retinoblastoma Protein and Apoptotic Caspases. <i>Journal of Virology</i> , 2013, 87, 12121-12138.	3.4	48
3154	Novel Recombinant Hepatitis B Virus Vectors Efficiently Deliver Protein and RNA Encoding Genes into Primary Hepatocytes. <i>Journal of Virology</i> , 2013, 87, 6615-6624.	3.4	39
3155	Thyroid-Stimulating Hormone Induces the Secretion of Tumor Necrosis Factor- $\alpha$ from 3T3-L1 Adipocytes via a Protein Kinase A-Dependent Pathway. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, 488-493.	1.2	25
3156	Decrease of $\alpha$ -Chains in $\beta$ -Thalassemia. <i>Thalassemia Reports</i> , 2013, 3, e40.	0.5	2
3157	Antiviral Stratagems against HIV-1 Using RNA Interference (RNAi) Technology. <i>Evolutionary Bioinformatics</i> , 2013, 9, EBO.S11412.	1.2	20
3158	Comparison of EJC-enhanced and EJC-independent NMD in human cells reveals two partially redundant degradation pathways. <i>Rna</i> , 2013, 19, 1432-1448.	3.5	114
3159	Dicer-independent processing of short hairpin RNAs. <i>Nucleic Acids Research</i> , 2013, 41, 3723-3733.	14.5	74



#	ARTICLE	IF	CITATIONS
3160	The association of microtubules with tight junctions is promoted by cingulin phosphorylation by AMPK. <i>Journal of Cell Biology</i> , 2013, 203, 605-614.	5.2	91
3161	Knockdown of both FoxO1 and C/EBP $\beta$ promotes adipogenesis in porcine preadipocytes through feedback regulation. <i>Cell Biology International</i> , 2013, 37, 905-916.	3.0	12
3163	The Corepressor CTBP2 Is a Coactivator of Retinoic Acid Receptor/Retinoid X Receptor in Retinoic Acid Signaling. <i>Molecular and Cellular Biology</i> , 2013, 33, 3343-3353.	2.3	25
3164	FIP200 inhibits $\beta$ -catenin-mediated transcription by promoting APC-independent $\beta$ -catenin ubiquitination. <i>Oncogene</i> , 2013, 32, 2421-2432.	5.9	11
3165	An HDAC inhibitor enhances cancer therapeutic efficiency of RNA polymerase III promoter-driven IDO shRNA. <i>Cancer Gene Therapy</i> , 2013, 20, 351-357.	4.6	6
3166	Thrombocytopenia induced by the histone deacetylase inhibitor abexinostat involves p53-dependent and -independent mechanisms. <i>Cell Death and Disease</i> , 2013, 4, e738-e738.	6.3	30
3167	Promoter Targeting shRNA Suppresses HIV-1 Infection In vivo Through Transcriptional Gene Silencing. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e137.	5.1	48
3168	Cyr61, a Matricellular Protein, Is Needed for Dendritic Arborization of Hippocampal Neurons. <i>Journal of Biological Chemistry</i> , 2013, 288, 8544-8559.	3.4	44
3169	Structural basis of tubulin tyrosination by tubulin tyrosine ligase. <i>Journal of Cell Biology</i> , 2013, 200, 259-270.	5.2	189
3170	Fabrication of 14 different RNA nanoparticles for specific tumor targeting without accumulation in normal organs. <i>Rna</i> , 2013, 19, 767-777.	3.5	132
3171	Knockdown of DEPTOR inhibits cell proliferation and increases chemosensitivity to melphalan in human multiple myeloma RPMI-8226 cells via inhibiting PI3K/AKT activity. <i>Journal of International Medical Research</i> , 2013, 41, 584-595.	1.0	25
3173	Lentivirus-mediated shRNA interference targeting vascular endothelial growth factor inhibits angiogenesis and progression of human pancreatic carcinoma. <i>Oncology Reports</i> , 2013, 29, 1019-1026.	2.6	12
3174	Construction of conditional lentivirus-mediated shRNA vector targeting the human Mirk gene and identification of RNAi efficiency in rhabdomyosarcoma RD cells. <i>International Journal of Oncology</i> , 2013, 43, 1253-1259.	3.3	2
3175	A dual role for Hdac1: oncosuppressor in tumorigenesis, oncogene in tumor maintenance. <i>Blood</i> , 2013, 121, 3459-3468.	1.4	106
3176	- Cationic Polymers for the Delivery of Therapeutic Nucleotides. , 2013, , 41-70.		0
3177	Acidosis induces reprogramming of cellular metabolism to mitigate oxidative stress. <i>Cancer &amp; Metabolism</i> , 2013, 1, 23.	5.0	169
3178	Inhibition of HBV replication <i>in vivo</i> using helper-dependent adenovirus vectors to deliver antiviral RNA interference expression cassettes. <i>Antiviral Therapy</i> , 2014, 19, 363-373.	1.0	12
3179	Construction and Screening of Bovine Bax Gene shRNA Interference Expression Vector. <i>The Journal of Northeast Agricultural University</i> , 2013, 20, 40-46.	0.1	0

#	ARTICLE	IF	CITATIONS
3180	CD59 is overexpressed in human lung cancer and regulates apoptosis of human lung cancer cells. International Journal of Oncology, 2013, 43, 850-858.	3.3	28
3181	Knockdown of DEPTOR induces apoptosis, increases chemosensitivity to doxorubicin and suppresses autophagy in RPMI-8226 human multiple myeloma cells in vitro. International Journal of Molecular Medicine, 2013, 31, 1127-1134.	4.0	26
3182	Growth inhibition and apoptosis of human B-cell lymphoma in vitro and in vivo by Bcl-2 short hairpin RNA. Oncology Reports, 2013, 29, 244-252.	2.6	1
3183	Retinal angiogenesis suppression through small molecule activation of p53. Journal of Clinical Investigation, 2013, 123, 4170-4181.	8.2	24
3185	Lentivirus-delivered short hairpin RNA targeting SNAIL inhibits HepG2 cell growth. Oncology Reports, 2013, 30, 1483-1487.	2.6	7
3186	Increased Locomotor Activity and Non-Selective Attention and Impaired Learning Ability in SD Rats after Lentiviral Vector-Mediated RNA Interference of Homer 1a in the Brain. International Journal of Medical Sciences, 2013, 10, 90-102.	2.5	17
3187	Lentiviral miR30-based RNA Interference against Heparanase Suppresses Melanoma Metastasis with Lower Liver and Lung Toxicity. International Journal of Biological Sciences, 2013, 9, 564-577.	6.4	27
3188	Constitutive CCND1/CDK2 Activity Substitutes for p53 Loss, or MYC or Oncogenic RAS Expression in the Transformation of Human Mammary Epithelial Cells. PLoS ONE, 2013, 8, e53776.	2.5	22
3189	Paraquat Modulates Alternative Pre-mRNA Splicing by Modifying the Intracellular Distribution of SRPK2. PLoS ONE, 2013, 8, e61980.	2.5	20
3190	Expression of Galectin-7 Is Induced in Breast Cancer Cells by Mutant p53. PLoS ONE, 2013, 8, e72468.	2.5	38
3191	siRNA delivery: from basics to therapeutic applications. Frontiers in Bioscience - Landmark, 2013, 18, 58.	3.0	38
3192	Antisense Gene Silencing: Therapy for Neurodegenerative Disorders?. Genes, 2013, 4, 457-484.	2.4	14
3193	RNA Interference Targeting Connective Tissue Growth Factor Inhibits the Transforming Growth Factor- $\beta$ 2-Induced Proliferation in Human Tenon Capsule Fibroblasts. Journal of Ophthalmology, 2013, 2013, 1-9.	1.3	9
3194	A Novel Artificial MicroRNA Expressing AAV Vector for Phospholamban Silencing in Cardiomyocytes Improves Ca <sup>2+</sup> Uptake into the Sarcoplasmic Reticulum. PLoS ONE, 2014, 9, e92188.	2.5	19
3195	Reduced Expression of the Retinoblastoma Protein Shows That the Related Signaling Pathway Is Essential for Mediating the Antineoplastic Activity of Erufosine. PLoS ONE, 2014, 9, e100950.	2.5	10
3196	$\hat{\alpha}$ -Actinin-2 Mediates Spine Morphology and Assembly of the Post-Synaptic Density in Hippocampal Neurons. PLoS ONE, 2014, 9, e101770.	2.5	38
3197	Evaluation of sgRNA Target Sites for CRISPR-Mediated Repression of TP53. PLoS ONE, 2014, 9, e113232.	2.5	53
3198	Heritable and inducible gene knockdown in astrocytes or neurons in vivo by a combined lentiviral and RNAi approach. Frontiers in Cellular Neuroscience, 2014, 8, 62.	3.7	6

#	ARTICLE	IF	CITATIONS
3199	New insights into the promoterless transcription of DNA coligo templates by RNA polymerase III. <i>Transcription</i> , 2014, 5, e27913.	3.1	11
3200	Depression of testes-specific protease 50 (TSP50) inhibits cell proliferation and induces apoptosis in laryngocarcinoma. <i>Tumor Biology</i> , 2014, 35, 10781-10788.	1.8	7
3201	Geminin Interference Facilitates Vascular Smooth Muscle Cell Proliferation by Upregulation of CDK-1. <i>Cardiovascular Drugs and Therapy</i> , 2014, 28, 407-414.	2.6	6
3202	piggyBac transposon-derived targeting shRNA interference against the Bombyx mori nucleopolyhedrovirus (BmNPV). <i>Molecular Biology Reports</i> , 2014, 41, 8247-8254.	2.3	9
3203	Snail Coordinately Regulates Downstream Pathways to Control Multiple Aspects of Mammalian Neural Precursor Development. <i>Journal of Neuroscience</i> , 2014, 34, 5164-5175.	3.6	24
3204	Capping protein is essential for cell migration in vivo and for filopodial morphology and dynamics. <i>Molecular Biology of the Cell</i> , 2014, 25, 2152-2160.	2.1	53
3205	Epithelium-Specific ETS (ESE)-1 upregulated GP73 expression in hepatocellular carcinoma cells. <i>Cell and Bioscience</i> , 2014, 4, 76.	4.8	12
3206	Allele-specific Col1a1 silencing reduces mutant collagen in fibroblasts from Brl mouse, a model for classical osteogenesis imperfecta. <i>European Journal of Human Genetics</i> , 2014, 22, 667-674.	2.8	21
3207	Deep Sequencing Insights in Therapeutic shRNA Processing and siRNA Target Cleavage Precision. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e145.	5.1	20
3208	AKI after Conditional and Kidney-Specific Knockdown of Stanniocalcin-1. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2303-2315.	6.1	19
3209	Identification and Characterization of Buffalo 7SK and U6 pol III Promoters and Application for Expression of Short Hairpin RNAs. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2596-2607.	4.1	4
3210	Exercise Preconditioning Protects against Spinal Cord Injury in Rats by Upregulating Neuronal and Astroglial Heat Shock Protein 72. <i>International Journal of Molecular Sciences</i> , 2014, 15, 19018-19036.	4.1	21
3211	pVHL acts as a downstream target of E2F1 to suppress E2F1 activity. <i>Biochemical Journal</i> , 2014, 457, 185-195.	3.7	8
3212	RNA Interference-Based Therapeutics: Molecular Platforms for Infectious Diseases. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1998-2037.	1.1	22
3213	Probing the shRNA characteristics that hinder Dicer recognition and consequently allow Ago-mediated processing and AgoshRNA activity. <i>Rna</i> , 2014, 20, 1410-1418.	3.5	32
3214	Topolli± prevents telomere fragility and formation of ultra thin DNA bridges during mitosis through TRF1-dependent binding to telomeres. <i>Cell Cycle</i> , 2014, 13, 1463-1481.	2.6	36
3215	Development of gene therapy for treatment of age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2014, 92, 1-38.	1.1	22
3216	PIAS3 activates the intrinsic apoptotic pathway in non-small cell lung cancer cells independent of p53 status. <i>International Journal of Cancer</i> , 2014, 134, 1045-1054.	5.1	12

#	ARTICLE	IF	CITATIONS
3217	A Computational Algorithm to Predict shRNA Potency. <i>Molecular Cell</i> , 2014, 56, 796-807.	9.7	90
3218	CD44 regulates dendrite morphogenesis through Src tyrosine kinase-dependent positioning of the Golgi apparatus. <i>Journal of Cell Science</i> , 2014, 127, 5038-51.	2.0	41
3219	The oxidoreductase enzyme glutathione peroxidase 4 (<scp>GPX4</scp>) governs<scp><i>S</i></scp><i>almonella</i></scp><i>T</i></scp>yphimurium</i>-induced neutrophil transepithelial migration. <i>Cellular Microbiology</i> , 2014, 16, 1339-1353.	2.1	21
3220	Use of RNA Interference to Study DNA Repair. <i>Methods in Pharmacology and Toxicology</i> , 2014, , 413-447.	0.2	1
3221	Extrasynaptic GABAA Receptors and Alcohol. , 2014, , 251-265.		0
3222	The Activating Transcription Factor 3 Protein Suppresses the Oncogenic Function of Mutant p53 Proteins. <i>Journal of Biological Chemistry</i> , 2014, 289, 8947-8959.	3.4	42
3223	Endoplasmic Reticulum Stress Links Hepatitis C Virus RNA Replication to Wild-Type PGC-1 $\alpha$ /Liver-Specific PGC-1 $\alpha$ Upregulation. <i>Journal of Virology</i> , 2014, 88, 8361-8374.	3.4	31
3224	The Von Hippel-Lindau Protein Suppresses Androgen Receptor Activity. <i>Molecular Endocrinology</i> , 2014, 28, 239-248.	3.7	30
3225	TNF-mediated inflammation represses GATA1 and activates p38 MAP kinase in RPS19-deficient hematopoietic progenitors. <i>Blood</i> , 2014, 124, 3791-3798.	1.4	53
3226	Negative Elongation Factor Is Required for the Maintenance of Proviral Latency but Does Not Induce Promoter-Proximal Pausing of RNA Polymerase II on the HIV Long Terminal Repeat. <i>Molecular and Cellular Biology</i> , 2014, 34, 1911-1928.	2.3	88
3227	The interaction of MYC with the trithorax protein ASH2L promotes gene transcription by regulating H3K27 modification. <i>Nucleic Acids Research</i> , 2014, 42, 6901-6920.	14.5	47
3228	Search for MicroRNAs Expressed by Intracellular Bacterial Pathogens in Infected Mammalian Cells. <i>PLoS ONE</i> , 2014, 9, e106434.	2.5	59
3229	Constant rate of p53 tetramerization in response to <scp>DNA</scp> damage controls the p53 response. <i>Molecular Systems Biology</i> , 2014, 10, 753.	7.2	31
3230	Targeted ablation of Crb2 in photoreceptor cells induces retinitis pigmentosa. <i>Human Molecular Genetics</i> , 2014, 23, 3384-3401.	2.9	41
3231	Application of the concept synthetic lethality toward anticancer therapy: A promise fulfilled?. <i>Cancer Letters</i> , 2014, 352, 59-65.	7.2	15
3232	Protection of Mice Against Lethal Rabies Virus Challenge Using Short Interfering RNAs (siRNAs) Delivered Through Lentiviral Vector. <i>Molecular Biotechnology</i> , 2014, 56, 91-101.	2.4	14
3233	The application of RNAi-based treatments for inflammatory bowel disease. <i>Drug Delivery and Translational Research</i> , 2014, 4, 4-18.	5.8	12
3234	Current and future therapies for hepatitis C virus infection: from viral proteins to host targets. <i>Archives of Virology</i> , 2014, 159, 831-846.	2.1	15

#	ARTICLE	IF	CITATIONS
3235	CRISPR-Cas-Mediated Targeted Genome Editing in Human Cells. <i>Methods in Molecular Biology</i> , 2014, 1114, 245-267.	0.9	48
3236	Loss of p53 Enhances NF- $\kappa$ B-Dependent Lamellipodia Formation. <i>Journal of Cellular Physiology</i> , 2014, 229, 696-704.	4.1	30
3237	Precision genetic modifications: a new era in molecular biology and crop improvement. <i>Planta</i> , 2014, 239, 921-939.	3.2	48
3238	siRNA Combinations Mediate Greater Suppression of Hepatitis B virus Replication in Mice. <i>Cell Biochemistry and Biophysics</i> , 2014, 69, 641-647.	1.8	6
3239	Senescence-inducing stress promotes proteolysis of phosphoglycerate mutase via ubiquitin ligase Mdm2. <i>Journal of Cell Biology</i> , 2014, 204, 729-745.	5.2	32
3240	Pol III Promoters to Express Small RNAs: Delineation of Transcription Initiation. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e161.	5.1	92
3241	Endoplasmic reticulum calcium release through ITPR2 channels leads to mitochondrial calcium accumulation and senescence. <i>Nature Communications</i> , 2014, 5, 3792.	12.8	154
3242	Knockdown of ribosomal protein L39 by RNA interference inhibits the growth of human pancreatic cancer cells in vitro and in vivo. <i>Biotechnology Journal</i> , 2014, 9, 652-663.	3.5	12
3243	Generation of Transgenic <i>Drosophila</i> Expressing shRNAs in the miR-1 Backbone. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot080762.	0.3	3
3244	Polycation-based nanoparticles for RNAi-mediated cancer treatment. <i>Cancer Letters</i> , 2014, 352, 66-80.	7.2	22
3246	siRNA Knockdown of Tissue Inhibitor of Metalloproteinase-1 in Keloid Fibroblasts Leads to Degradation of Collagen Type I. <i>Journal of Investigative Dermatology</i> , 2014, 134, 818-826.	0.7	59
3247	Viral Vector Approaches in Neurobiology and Brain Diseases. <i>Neuromethods</i> , 2014, , .	0.3	0
3248	Stable RNA interference rules for silencing. <i>Nature Cell Biology</i> , 2014, 16, 10-18.	10.3	153
3249	Lentiviral Vector-Mediated RNA Silencing in the Central Nervous System. <i>Human Gene Therapy Methods</i> , 2014, 25, 14-32.	2.1	25
3250	Genetic Screens in Human Cells Using the CRISPR-Cas9 System. <i>Science</i> , 2014, 343, 80-84.	12.6	2,414
3251	An intracellular buildup reaction of active siRNA species from short RNA fragments. <i>Chemical Communications</i> , 2014, 50, 1284-1287.	4.1	13
3252	Deacetylation of phosphoglycerate mutase in its distinct central region by $\text{SIRT2}$ down-regulates its enzymatic activity. <i>Genes To Cells</i> , 2014, 19, 766-777.	1.2	27
3253	Rac1 and Aurora A regulate MCAK to polarize microtubule growth in migrating endothelial cells. <i>Journal of Cell Biology</i> , 2014, 206, 97-112.	5.2	53

#	ARTICLE	IF	CITATIONS
3254	Nucleic Acid Nanotechnology. Nucleic Acids and Molecular Biology, 2014, , .	0.2	5
3255	Disorder and residual helicity alter p53-Mdm2 binding affinity and signaling in cells. Nature Chemical Biology, 2014, 10, 1000-1002.	8.0	167
3256	Resources for Small Regulatory RNAs. Current Protocols in Molecular Biology, 2014, 107, 19.8.1-14.	2.9	2
3257	si-RNA-Mediated Silencing of ADRBK1 Gene Attenuates Breast Cancer Cell Proliferation. Cancer Biotherapy and Radiopharmaceuticals, 2014, 29, 303-309.	1.0	6
3258	Regulation of Neuronal Gene Expression and Survival by Basal NMDA Receptor Activity: A Role for Histone Deacetylase 4. Journal of Neuroscience, 2014, 34, 15327-15339.	3.6	28
3259	CstF64: Cell Cycle Regulation and Functional Role in 3' End Processing of Replication-Dependent Histone mRNAs. Molecular and Cellular Biology, 2014, 34, 4272-4284.	2.3	39
3261	Nucleic acid therapeutics: basic concepts and recent developments. RSC Advances, 2014, 4, 16618.	3.6	73
3262	The Impact of Unprotected T Cells in RNAi-based Gene Therapy for HIV-AIDS. Molecular Therapy, 2014, 22, 596-606.	8.2	19
3263	Revisiting the principles of preparing aqueous quantum dots for biological applications: the effects of surface ligands on the physicochemical properties of quantum dots. RSC Advances, 2014, 4, 13805-13816.	3.6	24
3264	Mapping of transcription factor motifs in active chromatin identifies IRF5 as key regulator in classical Hodgkin lymphoma. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4513-22.	7.1	53
3265	Monitoring the dynamics of clonal tumour evolution in vivo using secreted luciferases. Nature Communications, 2014, 5, 3981.	12.8	18
3266	The Host Nonsense-Mediated mRNA Decay Pathway Restricts Mammalian RNA Virus Replication. Cell Host and Microbe, 2014, 16, 403-411.	11.0	150
3267	Genotoxicity and DNA Repair. Methods in Pharmacology and Toxicology, 2014, , .	0.2	10
3269	282: p53-directed translational control can shape and expand the universe of p53 target genes. European Journal of Cancer, 2014, 50, S66-S67.	2.8	0
3270	p53-Dependent Nestin Regulation Links Tumor Suppression to Cellular Plasticity in Liver Cancer. Cell, 2014, 158, 579-592.	28.9	176
3271	TRP14 Inhibits Osteoclast Differentiation via Its Catalytic Activity. Molecular and Cellular Biology, 2014, 34, 3515-3524.	2.3	17
3272	ADAR1 Is Involved in the Regulation of Reprogramming Human Fibroblasts to Induced Pluripotent Stem Cells. Stem Cells and Development, 2014, 23, 443-456.	2.1	14
3273	Viral Small T Oncoproteins Transform Cells by Alleviating Hippo-Pathway-Mediated Inhibition of the YAP Proto-oncogene. Cell Reports, 2014, 8, 707-713.	6.4	36

#	ARTICLE	IF	CITATIONS
3274	Weed Management for Parasitic Weeds. , 2014, , 315-345.		6
3275	Impact of RNA-Guided Technologies for Target Identification and Deconvolution. Journal of Biomolecular Screening, 2014, 19, 1327-1337.	2.6	18
3276	Role of UTX in Retinoic Acid Receptor-Mediated Gene Regulation in Leukemia. Molecular and Cellular Biology, 2014, 34, 3765-3775.	2.3	24
3277	Recent Advances in Weed Management. , 2014, , .		20
3278	Paradoxical Effects on Force Generation after Efficient $\beta$ 1-Adrenoceptor Knockdown in Reconstituted Heart Tissue. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 39-46.	2.5	5
3279	MicroRNA-106b-5p boosts glioma tumorigensis by targeting multiple tumor suppressor genes. Oncogene, 2014, 33, 4813-4822.	5.9	78
3280	Genome wide functional genetics in haploid cells. FEBS Letters, 2014, 588, 2415-2421.	2.8	20
3281	Lentivirus-Mediated Knockdown of CUGBP1 Suppresses Gastric Cancer Cell Proliferation In Vitro. Applied Biochemistry and Biotechnology, 2014, 173, 1529-1536.	2.9	7
3282	Estrogen receptor $\beta$ and aryl hydrocarbon receptor independent growth inhibitory effects of aminoflavone in breast cancer cells. BMC Cancer, 2014, 14, 344.	2.6	27
3283	Survivin safeguards chromosome numbers and protects from aneuploidy independently from p53. Molecular Cancer, 2014, 13, 107.	19.2	29
3284	Estrogen promotes stemness and invasiveness of ER-positive breast cancer cells through Gli1 activation. Molecular Cancer, 2014, 13, 137.	19.2	116
3285	CRTC2 enhances HBV transcription and replication by inducing PGC1 $\alpha$ expression. Virology Journal, 2014, 11, 30.	3.4	5
3286	Inhibition of BK virus replication in human kidney cells by BK virus large tumor antigen-specific shRNA delivered by JC virus-like particles. Antiviral Research, 2014, 103, 25-31.	4.1	14
3287	Expression, stabilization and purification of membrane proteins via diverse protein synthesis systems and detergents involving cell-free associated with self-assembly peptide surfactants. Biotechnology Advances, 2014, 32, 564-574.	11.7	17
3288	Novel action modality of the diterpenoid anisomelic acid causes depletion of E6 and E7 viral oncoproteins in HPV-transformed cervical carcinoma cells. Biochemical Pharmacology, 2014, 89, 171-184.	4.4	12
3289	Study of Wnt2 secreted by A-549 cells in paracrine activation of $\beta$ -catenin in co-cultured mesenchymal stem cells. Biochemistry (Moscow), 2014, 79, 524-530.	1.5	2
3290	p53-directed translational control can shape and expand the universe of p53 target genes. Cell Death and Differentiation, 2014, 21, 1522-1534.	11.2	51
3291	Reduced <sup>64</sup> Cu Uptake and Tumor Growth Inhibition by Knockdown of Human Copper Transporter 1 in Xenograft Mouse Model of Prostate Cancer. Journal of Nuclear Medicine, 2014, 55, 622-628.	5.0	59



#	ARTICLE	IF	CITATIONS
3292	Drug resistance to targeted therapies: DÃ©jà vu all over again. <i>Molecular Oncology</i> , 2014, 8, 1067-1083.	4.6	187
3293	Silencing I2PP2A Rescues Tau Pathologies and Memory Deficits through Rescuing PP2A and Inhibiting GSK-3Ã <sup>2</sup> Signaling in Human Tau Transgenic Mice. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 123.	3.4	20
3294	Chronic exposure to asbestos enhances TGF-Î²1 production in the human adult T cell leukemia virus-immortalized T cell line MT-2. <i>International Journal of Oncology</i> , 2014, 45, 2522-2532.	3.3	24
3295	Targeting of the Î²6 gene to suppress degradation of ECM via inactivation of the MAPK pathway in breast adenocarcinoma cells. <i>Oncology Reports</i> , 2014, 32, 1787-1795.	2.6	9
3296	Knockout of ADAM10 enhances sorafenib antitumor activity of hepatocellular carcinoma in vitro and in vivo. <i>Oncology Reports</i> , 2014, 32, 1913-1922.	2.6	20
3297	Role of Nogo-A in the regulation of hepatocellular carcinoma SMMC-7721 cell apoptosis. <i>Molecular Medicine Reports</i> , 2014, 9, 1743-1748.	2.4	10
3298	LIM kinase 1 is required for insulin-dependent cell growth of osteosarcoma cell lines. <i>Molecular Medicine Reports</i> , 2014, 9, 103-108.	2.4	11
3299	Effect of siRNA-induced inhibition of IL-6 expression in rat cerebral gliocytes on cerebral edema following traumatic brain injury. <i>Molecular Medicine Reports</i> , 2014, 10, 1863-1868.	2.4	13
3300	Beclin 1, an autophagy-related gene, augments apoptosis in U87 glioblastoma cells. <i>Oncology Reports</i> , 2014, 31, 1761-1767.	2.6	54
3301	Knocking down the expression of Aurora-A gene inhibits cell proliferation and induces G2/M phase arrest in human small cell lung cancer cells. <i>Oncology Reports</i> , 2014, 32, 243-249.	2.6	32
3302	Decreasing or increasing heat shock protein 72 exacerbates or attenuates heat-induced cell death, respectively, in rat hypothalamic cells. <i>FEBS Open Bio</i> , 2015, 5, 724-730.	2.3	12
3304	Overexpression of serine/threonine-protein kinase-1 in pancreatic cancer tissue: Serine/threonine-protein kinase-1 knockdown increases the chemosensitivity of pancreatic cancer cells. <i>Molecular Medicine Reports</i> , 2015, 12, 475-481.	2.4	3
3305	Silencing ADAM10 inhibits the in vitro and in vivo growth of hepatocellular carcinoma cancer cells. <i>Molecular Medicine Reports</i> , 2015, 11, 597-602.	2.4	28
3306	The effects of Livin shRNA on the response to cisplatin in HepG2 cells. <i>Oncology Letters</i> , 2015, 10, 2957-2961.	1.8	4
3307	Synthetic lethality and chemoresistance in cancer. , 0, , 65-82.		0
3308	Tuneable endogenous mammalian target complementation via multiplexed plasmid-based recombineering. <i>Scientific Reports</i> , 2015, 5, 17432.	3.3	4
3309	Ki67 is a promising molecular target in the diagnosis of cancer (Review). <i>Molecular Medicine Reports</i> , 2015, 11, 1566-1572.	2.4	542
3310	A new design of a lentiviral shRNA vector with inducible co-expression of ARGONAUTE 2 for enhancing gene silencing efficiency. <i>Cell and Bioscience</i> , 2015, 5, 67.	4.8	2

#	ARTICLE	IF	CITATIONS
3311	Protecting against ischaemic stroke in rats by heat shock protein 20 $\alpha$ -mediated exercise. <i>European Journal of Clinical Investigation</i> , 2015, 45, 1297-1305.	3.4	11
3312	Site-Directed Spin Labeling of RNA by Postsynthetic Modification of 2 $\epsilon$ -Amino Groups. <i>Methods in Enzymology</i> , 2015, 563, 397-414.	1.0	6
3313	Lentivirus-Mediated Short-Hairpin RNA Targeting Protein Phosphatase 4 Regulatory Subunit 1 Inhibits Growth in Breast Cancer. <i>Journal of Breast Cancer</i> , 2015, 18, 218.	1.9	4
3314	Adapted Resistance to the Knockdown Effect of shRNA-Derived Srsf3 siRNAs in Mouse Littermates. <i>International Journal of Biological Sciences</i> , 2015, 11, 1248-1256.	6.4	0
3315	G Protein-Coupled Receptor 87 (GPR87) Promotes Cell Proliferation in Human Bladder Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24319-24331.	4.1	29
3316	Controlling HIV-1: Non-Coding RNA Gene Therapy Approaches to a Functional Cure. <i>Frontiers in Immunology</i> , 2015, 6, 474.	4.8	21
3317	MK3 Modulation Affects BMI1-Dependent and Independent Cell Cycle Check-Points. <i>PLoS ONE</i> , 2015, 10, e0118840.	2.5	2
3318	Sumoylation of HDAC2 promotes NF- $\kappa$ B-dependent gene expression. <i>Oncotarget</i> , 2015, 6, 7123-7135.	1.8	40
3319	The impact of HIV-1 genetic diversity on the efficacy of a combinatorial RNAi-based gene therapy. <i>Gene Therapy</i> , 2015, 22, 485-495.	4.5	26
3320	P14ARF deficiency and its correlation with overexpression of p53/MDM2 in sporadic vestibular schwannomas. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 2227-2234.	1.6	14
3321	Tool box: Plasmids for the expression or knockdown of human ARF Family GTPases (ARF/ARL/SAR) and their co-expression in bacteria with N-myristoyltransferases. <i>Cellular Logistics</i> , 2015, 5, e1090523.	0.9	1
3322	Tuberous sclerosis complex neuropathology requires glutamate-cysteine ligase. <i>Acta Neuropathologica Communications</i> , 2015, 3, 48.	5.2	14
3323	Extracellular matrix $\alpha$ -induced Hic $\alpha$ 5 expression in glomerular mesangial cells leads to a prosclerotic phenotype independent of TGF $\alpha$ 2. <i>FASEB Journal</i> , 2015, 29, 4956-4967.	0.5	11
3324	Down-Regulation of Cytokinin Oxidase 2 Expression Increases Tiller Number and Improves Rice Yield. <i>Rice</i> , 2015, 8, 36.	4.0	123
3325	Functional genomic screening approaches in mechanistic toxicology and potential future applications of CRISPR-Cas9. <i>Mutation Research - Reviews in Mutation Research</i> , 2015, 764, 31-42.	5.5	23
3326	Molecular Properties, Functional Mechanisms, and Applications of Sliced siRNA. <i>Molecular Therapy - Nucleic Acids</i> , 2015, 4, e221.	5.1	22
3327	Promoter Targeting RNAs: Unexpected Contributors to the Control of HIV-1 Transcription. <i>Molecular Therapy - Nucleic Acids</i> , 2015, 4, e222.	5.1	27
3328	RNA Bioinformatics. <i>Methods in Molecular Biology</i> , 2015, , .	0.9	3

#	ARTICLE	IF	CITATIONS
3329	Understanding and Using Information about Cancer Genomes. , 2015, , 357-368.e3.		0
3330	Establishment of stable MRP1 knockdown by lentivirus-delivered shRNA in the mouse testis Sertoli TM4 cell line. Toxicology Mechanisms and Methods, 2015, 25, 81-90.	2.7	5
3331	Evidence for a CDK4-dependent checkpoint in a conditional model of cellular senescence. Cell Cycle, 2015, 14, 1164-1173.	2.6	12
3333	Dynamic localization of Mps1 kinase to kinetochores is essential for accurate spindle microtubule attachment. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4546-55.	7.1	52
3334	A single-plasmid vector for transgene amplification using short hairpin RNA targeting the 3'-UTR of amplifiable dhfr. Applied Microbiology and Biotechnology, 2015, 99, 10117-10126.	3.6	3
3335	Olfactory receptor Olfr544 responding to azelaic acid regulates glucagon secretion in Î±-cells of mouse pancreatic islets. Biochemical and Biophysical Research Communications, 2015, 460, 616-621.	2.1	56
3336	Acute <i>in Vivo</i> Toxicity Mitigation of PEI-Coated Maghemite Nanoparticles Using Controlled Oxidation and Surface Modifications toward siRNA Delivery. ACS Applied Materials & Interfaces, 2015, 7, 15240-15255.	8.0	28
3337	Animal Models in Biomedical Research. , 2015, , 1497-1534.		11
3338	In vivo RNAi screens: concepts and applications. Trends in Immunology, 2015, 36, 315-322.	6.8	18
3339	The GluN2B subunit of N-methy-D-aspartate receptor regulates the radial migration of cortical neurons in vivo. Brain Research, 2015, 1610, 20-32.	2.2	19
3340	A short guide to technology development in cell biology. Journal of Cell Biology, 2015, 208, 655-657.	5.2	2
3341	The Wnt Target Protein Peter Pan Defines a Novel p53-independent Nucleolar Stress-Response Pathway. Journal of Biological Chemistry, 2015, 290, 10905-10918.	3.4	38
3342	RNA-guided CRISPR-Cas technologies for genome-scale investigation of disease processes. Journal of Hematology and Oncology, 2015, 8, 31.	17.0	8
3343	Lentivirus mediated silencing of Ubiquitin Specific Peptidase 39 inhibits cell proliferation of human hepatocellular carcinoma cells in vitro. Biological Research, 2015, 48, 18.	3.4	19
3344	Mutant p53 Promotes Tumor Cell Malignancy by Both Positive and Negative Regulation of the Transforming Growth Factor Î² (TGF-Î²) Pathway. Journal of Biological Chemistry, 2015, 290, 11729-11740.	3.4	37
3345	Rho-guanine nucleotide exchange factors involved in cyclic stretch-induced reorientation of vascular endothelial cells. Journal of Cell Science, 2015, 128, 1683-95.	2.0	86
3346	Analysis of miRNA expression patterns in human and mouse hepatocellular carcinoma cells. Hepatology Research, 2015, 45, 1331-1340.	3.4	7
3347	Mechanistic insights on the Dicer-independent AGO2-mediated processing of AgoRNAs. RNA Biology, 2015, 12, 92-100.	3.1	22

#	ARTICLE	IF	CITATIONS
3349	Gene Therapy Strategies to Block HIV-1 Replication by RNA Interference. <i>Advances in Experimental Medicine and Biology</i> , 2015, 848, 71-95.	1.6	12
3350	DDX6 Orchestrates Mammalian Progenitor Function through the mRNA Degradation and Translation Pathways. <i>Molecular Cell</i> , 2015, 60, 118-130.	9.7	77
3351	Functional Genomics in Pharmaceutical Drug Discovery. <i>Handbook of Experimental Pharmacology</i> , 2015, 232, 25-41.	1.8	4
3352	Toward optimization of AgoshRNA molecules that use a non-canonical RNAi pathway: Variations in the top and bottom base pairs. <i>RNA Biology</i> , 2015, 12, 447-456.	3.1	14
3353	FUS/TLS contributes to replication-dependent histone gene expression by interaction with U7 snRNPs and histone-specific transcription factors. <i>Nucleic Acids Research</i> , 2015, 43, gkv794.	14.5	32
3354	FAS Death Receptor: A Breast Cancer Subtype-Specific Radiation Response Biomarker and Potential Therapeutic Target. <i>Radiation Research</i> , 2015, 184, 456.	1.5	26
3355	Enhancement of regulatory T cell-like suppressive function in MT-2 by long-term and low-dose exposure to asbestos. <i>Toxicology</i> , 2015, 338, 86-94.	4.2	26
3356	SMARCE1 suppresses EGFR expression and controls responses to MET and ALK inhibitors in lung cancer. <i>Cell Research</i> , 2015, 25, 445-458.	12.0	36
3357	PERP, a host tetraspanning membrane protein, is required for <i>Salmonella</i> -induced inflammation. <i>Cellular Microbiology</i> , 2015, 17, 843-859.	2.1	11
3358	Ribozyme-enhanced single-stranded Ago2-processed interfering RNA triggers efficient gene silencing with fewer off-target effects. <i>Nature Communications</i> , 2015, 6, 8430.	12.8	24
3359	The DEK Oncoprotein Is a Critical Component of the EKLF/KLF1 Enhancer in Erythroid Cells. <i>Molecular and Cellular Biology</i> , 2015, 35, 3726-3738.	2.3	14
3360	Wnt5a inhibits K <sup>+</sup> currents in hippocampal synapses through nitric oxide production. <i>Molecular and Cellular Neurosciences</i> , 2015, 68, 314-322.	2.2	15
3361	Fast-folding proteins under stress. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4273-4285.	5.4	6
3362	Tumor suppression by MEG3 lncRNA in a human pituitary tumor derived cell line. <i>Molecular and Cellular Endocrinology</i> , 2015, 416, 27-35.	3.2	59
3363	Overview of Methods in RNA Nanotechnology: Synthesis, Purification, and Characterization of RNA Nanoparticles. <i>Methods in Molecular Biology</i> , 2015, 1297, 1-19.	0.9	8
3364	Methods and Assays for Specific Targeting and Delivery of RNA Nanoparticles to Cancer Metastases. <i>Methods in Molecular Biology</i> , 2015, 1297, 121-135.	0.9	3
3365	Effective inhibition of porcine epidemic diarrhea virus by RNA interference in vitro. <i>Virus Genes</i> , 2015, 51, 252-259.	1.6	9
3366	Potent effect of adenoviral vector expressing short hairpin RNA targeting ribonucleotide reductase large subunit M1 on cell viability and chemotherapeutic sensitivity to gemcitabine in non-small cell lung cancer cells. <i>European Journal of Cancer</i> , 2015, 51, 2480-2489.	2.8	16

#	ARTICLE	IF	CITATIONS
3367	Effective Inhibition of HIV-1 Production by Short Hairpin RNAs and Small Interfering RNAs Targeting a Highly Conserved Site in HIV-1 Gag RNA Is Optimized by Evaluating Alternative Length Formats. Antimicrobial Agents and Chemotherapy, 2015, 59, 5297-5305.	3.2	13
3368	Therapeutic face of RNAi: <i>in vivo</i> challenges. Expert Opinion on Biological Therapy, 2015, 15, 269-285.	3.1	51
3369	Adipocyte ATP-Binding Cassette G1 Promotes Triglyceride Storage, Fat Mass Growth, and Human Obesity. Diabetes, 2015, 64, 840-855.	0.6	56
3370	Sequence-specific inhibition of microRNA via CRISPR/CRISPRi system. Scientific Reports, 2014, 4, 3943.	3.3	90
3371	Stable suppression of myostatin gene expression in goat fetal fibroblast cells by lentiviral vector-mediated <i>scRNAi</i> . Biotechnology Progress, 2015, 31, 452-459.	2.6	5
3372	<i>scRNAi</i> in the mouse: rapid and affordable gene function studies in a vertebrate system. Wiley Interdisciplinary Reviews: Developmental Biology, 2015, 4, 45-57.	5.9	3
3373	Potential mechanisms for cell-based gene therapy to treat HIV/AIDS. Expert Opinion on Therapeutic Targets, 2015, 19, 245-263.	3.4	13
3375	Mutant p53 stimulates chemoresistance of pancreatic adenocarcinoma cells to gemcitabine. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 89-100.	4.1	107
3376	Thrombospondin-1 repression is mediated via distinct mechanisms in fibroblasts and epithelial cells. Oncogene, 2015, 34, 2823-2835.	5.9	30
3377	Targeted gene silencing of CCL2 inhibits triple negative breast cancer progression by blocking cancer stem cell renewal and M2 macrophage recruitment. Oncotarget, 2016, 7, 49349-49367.	1.8	95
3378	RNAi Therapeutic Potentials and Prospects in CNS Disease. , 0, , .		1
3379	PBOV1 promotes prostate cancer proliferation by promoting G1/S transition. OncoTargets and Therapy, 2016, 9, 787.	2.0	15
3380	Noncanonical Synthetic RNAi Inducers. , 2016, , .		0
3381	Therapeutic Potentials of CD151 shRNA in Targeting Metastasis of Triple Negative Breast Cancer Cell Line MDA-MB-231. Journal of Cancer Science & Therapy, 2016, 08, .	1.7	1
3382	Association of Cell Adhesion Molecules Contactin-6 and Latrophilin-1 Regulates Neuronal Apoptosis. Frontiers in Molecular Neuroscience, 2016, 9, 143.	2.9	28
3383	Generation of a new Gateway-compatible inducible lentiviral vector platform allowing easy derivation of co-transduced cells. BioTechniques, 2016, 60, 252-259.	1.8	11
3384	Branch-PCR Constructed Stable shRNA Transcription Nanoparticles Have Long-Lasting RNAi Effect. ChemBioChem, 2016, 17, 1038-1042.	2.6	10
3385	Applied Nanotechnology and Nanoscience in Orthopedic Oncology. Orthopedics, 2016, 39, 280-286.	1.1	21

#	ARTICLE	IF	CITATIONS
3386	Multiplex CRISPR/Cas9-based genome engineering enhanced by Drosha-mediated sgRNA-shRNA structure. <i>Scientific Reports</i> , 2016, 6, 38970.	3.3	24
3388	A novel conditional gene silencing method using a tumor-specific and heat-inducible siRNA system. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 761-770.	3.0	3
3390	A cellular high-throughput screening approach for therapeutic trans-cleaving ribozymes and RNAi against arbitrary mRNA disease targets. <i>Experimental Eye Research</i> , 2016, 151, 236-255.	2.6	12
3391	p53 Pulses Diversify Target Gene Expression Dynamics in an mRNA Half-Life-Dependent Manner and Delineate Co-regulated Target Gene Subnetworks. <i>Cell Systems</i> , 2016, 2, 272-282.	6.2	68
3392	Guidelines for the optimal design of miRNA-based shRNAs. <i>Methods</i> , 2016, 103, 157-166.	3.8	63
3393	Development of Lentiviral Vectors Simultaneously Expressing Multiple siRNAs Against CCR5, vif and tat/rev Genes for an HIV-1 Gene Therapy Approach. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e312.	5.1	18
3394	Mutant p53 proteins counteract autophagic mechanism sensitizing cancer cells to mTOR inhibition. <i>Molecular Oncology</i> , 2016, 10, 1008-1029.	4.6	115
3395	Adenoviral Vectors for RNAi Delivery. , 2016, , 739-765.		0
3396	Silencing of Dok-7 in Adult Rat Muscle Increases Susceptibility to Passive Transfer Myasthenia Gravis. <i>American Journal of Pathology</i> , 2016, 186, 2559-2568.	3.8	12
3397	Recent Advances in Stem Cells. <i>Pancreatic Islet Biology</i> , 2016, , .	0.3	1
3398	mTOR kinase is needed for the development and stabilization of dendritic arbors in newly born olfactory bulb neurons. <i>Developmental Neurobiology</i> , 2016, 76, 1308-1327.	3.0	35
3399	Pooled shRNA Screening in Mammalian Cells as a Functional Genomic Discovery Platform. <i>Methods in Molecular Biology</i> , 2016, 1470, 49-73.	0.9	6
3400	Protection of a novel epitope-RNA VLP double-effective VLP vaccine for foot-and-mouth disease. <i>Antiviral Research</i> , 2016, 134, 108-116.	4.1	4
3401	FOXO3a orchestrates glioma cell responses to starvation conditions and promotes hypoxia-induced cell death. <i>International Journal of Oncology</i> , 2016, 49, 2399-2410.	3.3	24
3402	Bone Marrow Stromal Stem Cells for Bone Repair: Basic and Translational Aspects. <i>Pancreatic Islet Biology</i> , 2016, , 213-232.	0.3	4
3403	Selective Targeting and Restrictive Damage for Nonspecific Cells by Pulsed Laser-Activated Hyaluronan-Gold Nanoparticles. <i>Biomacromolecules</i> , 2016, 17, 2514-2521.	5.4	15
3404	Mutant p53 and mTOR/PKM2 regulation in cancer cells. <i>IUBMB Life</i> , 2016, 68, 722-726.	3.4	44
3405	Deubiquitylating enzyme USP9x regulates hippo pathway activity by controlling angiotensin protein turnover. <i>Cell Discovery</i> , 2016, 2, 16001.	6.7	34

#	ARTICLE	IF	CITATIONS
3406	Gene expression and silencing of activin receptor type 2A (ACVR2A) in myoblast cells of chicken. British Poultry Science, 2016, 57, 763-770.	1.7	6
3407	Inhibitory Effect of TLR4 Gene Silencing on Intimal Hyperplasia of Vein Grafting. Vascular and Endovascular Surgery, 2016, 50, 464-469.	0.7	3
3408	CD44: a novel synaptic cell adhesion molecule regulating structural and functional plasticity of dendritic spines. Molecular Biology of the Cell, 2016, 27, 4055-4066.	2.1	58
3409	Autophagy Proteins ATG5 and ATG7 Are Essential for the Maintenance of Human CD34+ Hematopoietic Stem-Progenitor Cells. Stem Cells, 2016, 34, 1651-1663.	3.2	67
3410	Construction of Modular Lentiviral Vectors for Effective Gene Expression and Knockdown. Methods in Molecular Biology, 2016, 1448, 3-21.	0.9	5
3411	Id2 Mediates Differentiation of Labyrinthine Placental Progenitor Cell Line, SM10. Stem Cells and Development, 2016, 25, 959-974.	2.1	15
3412	HDAC Inhibitors. Methods in Molecular Biology, 2016, 1436, 281-303.	0.9	13
3414	The clinicopathological significance of miR-149 and PARP-2 in hepatocellular carcinoma and their roles in chemo/radiotherapy. Tumor Biology, 2016, 37, 12339-12346.	1.8	21
3415	Inducible RNAi system and its application in novel therapeutics. Critical Reviews in Biotechnology, 2016, 36, 630-638.	9.0	15
3416	Single primer-mediated circular polymerase chain reaction for hairpin DNA cloning and plasmid editing. Analytical Biochemistry, 2016, 500, 18-20.	2.4	6
3417	Quantitative evaluation of first, second, and third generation hairpin systems reveals the limit of mammalian vector-based RNAi. RNA Biology, 2016, 13, 25-33.	3.1	27
3418	Gene Silencing Using 4'-thioDNA as an Artificial Template to Synthesize Short Hairpin RNA Without Inducing a Detectable Innate Immune Response. Molecular Therapy - Nucleic Acids, 2016, 5, e274.	5.1	16
3419	Knockdown of hippocampal cysteinyl leukotriene receptor 1 prevents depressive behavior and neuroinflammation induced by chronic mild stress in mice. Psychopharmacology, 2016, 233, 1739-1749.	3.1	31
3420	Precise and efficient siRNA design: a key point in competent gene silencing. Cancer Gene Therapy, 2016, 23, 73-82.	4.6	125
3421	Mutant p53 inhibits miRNA biogenesis by interfering with the microprocessor complex. Oncogene, 2016, 35, 3760-3770.	5.9	43
3422	STAT5A is regulated by DNA damage via the tumor suppressor p53. Cytokine, 2016, 82, 70-79.	3.2	10
3423	Gene therapy blockade of dorsal striatal p11 improves motor function and dyskinesia in parkinsonian mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1423-1428.	7.1	19
3424	Sponges against miR-19 and miR-155 reactivate the p53-Socs1 axis in hematopoietic cancers. Cytokine, 2016, 82, 80-86.	3.2	42



#	ARTICLE	IF	CITATIONS
3425	Effect of adenovirus-mediated RNA interference of IL-1 $\beta$ expression on spinal cord injury in rats. Spinal Cord, 2016, 54, 778-784.	1.9	17
3426	Control of spine maturation and pruning through proBDNF synthesized and released in dendrites. Molecular and Cellular Neurosciences, 2016, 71, 66-79.	2.2	47
3427	Multi-gene engineering in plants with RNA-guided Cas9 nuclease. Current Opinion in Biotechnology, 2016, 37, 69-75.	6.6	32
3428	Synthetic Tet-inducible small hairpin RNAs targeting hTERT or Bcl-2 inhibit malignant phenotypes of bladder cancer T24 and 5637 cells. Tumor Biology, 2016, 37, 3115-3121.	1.8	9
3429	Synthetic Biology. , 2016, , .		2
3430	Kainic Acid Induces mTORC1-Dependent Expression of Elmo1 in Hippocampal Neurons. Molecular Neurobiology, 2017, 54, 2562-2578.	4.0	11
3431	Interaction of the CD43 Sialomucin with the Mycobacterium tuberculosis Cpn60.2 Chaperonin Leads to Tumor Necrosis Factor Alpha Production. Infection and Immunity, 2017, 85, .	2.2	6
3432	Future of rAAV Gene Therapy: Platform for RNAi, Gene Editing, and Beyond. Human Gene Therapy, 2017, 28, 361-372.	2.7	40
3433	High-throughput in situ cell electroporation microsystem for parallel delivery of single guide RNAs into mammalian cells. Scientific Reports, 2017, 7, 42512.	3.3	31
3434	shRNAs targeting either the glycoprotein or polymerase genes inhibit Viral haemorrhagic septicaemia virus replication in zebrafish ZF4 cells. Antiviral Research, 2017, 141, 124-132.	4.1	8
3435	The Cytidine Deaminase APOBEC3 Family Is Subject to Transcriptional Regulation by p53. Molecular Cancer Research, 2017, 15, 735-743.	3.4	35
3436	DeActs: genetically encoded tools for perturbing the actin cytoskeleton in single cells. Nature Methods, 2017, 14, 479-482.	19.0	49
3437	SLC38A1 promotes proliferation and migration of human colorectal cancer cells. Journal of Huazhong University of Science and Technology [Medical Sciences], 2017, 37, 30-36.	1.0	24
3438	Progerin-Induced Replication Stress Facilitates Premature Senescence in Hutchinson-Gilford Progeria Syndrome. Molecular and Cellular Biology, 2017, 37, .	2.3	47
3439	The influence of the 5' terminal nucleotide on Ago2 RNA activity and biogenesis: importance of the polymerase III transcription initiation site. Nucleic Acids Research, 2017, 45, 4036-4050.	14.5	20
3440	Surface-mediated transfection of a pDNA vector encoding short hairpin RNA to downregulate TGF- $\beta$ 1 expression for the prevention of in-stent restenosis. Biomaterials, 2017, 116, 95-105.	11.4	40
3441	Dynamic Palmitoylation Targets MAP6 to the Axon to Promote Microtubule Stabilization during Neuronal Polarization. Neuron, 2017, 94, 809-825.e7.	8.1	94
3442	ZBP1 phosphorylation at serine 181 regulates its dendritic transport and the development of dendritic trees of hippocampal neurons. Scientific Reports, 2017, 7, 1876.	3.3	31

#	ARTICLE	IF	CITATIONS
3443	Pathophysiologic role of ischemia reperfusion injury: A review. Journal of Indian College of Cardiology, 2017, 7, 97-104.	0.1	10
3444	An optimized lentiviral vector system for conditional RNAi and efficient cloning of microRNA embedded short hairpin RNA libraries. Biomaterials, 2017, 139, 102-115.	11.4	24
3445	Silencing of HIV-1 by AgoshRNA molecules. Gene Therapy, 2017, 24, 453-461.	4.5	13
3446	Mutation of nucleotides around the +1 position of type 3 polymerase III promoters: The effect on transcriptional activity and start site usage. Transcription, 2017, 8, 275-287.	3.1	39
3447	Preclinical Evaluation of a Lentiviral Vector for Huntingtin Silencing. Molecular Therapy - Methods and Clinical Development, 2017, 5, 259-276.	4.1	13
3448	Polymers in the Delivery of siRNA for the Treatment of Virus Infections. Topics in Current Chemistry, 2017, 375, 38.	5.8	12
3449	Postprandial triglyceride-rich lipoproteins promote lipid accumulation and apolipoprotein B-48 receptor transcriptional activity in human circulating and murine bone marrow neutrophils in a fatty acid-dependent manner. Molecular Nutrition and Food Research, 2017, 61, 1600879.	3.3	8
3450	Effects of shRNA Targeting Maspin on the Invasion of Extravillous Trophoblast Cell. American Journal of Perinatology, 2017, 34, 0966-0973.	1.4	3
3451	Retrograde transport of TrkB-containing autophagosomes via the adaptor AP-2 mediates neuronal complexity and prevents neurodegeneration. Nature Communications, 2017, 8, 14819.	12.8	130
3452	Identification of novel cancer therapeutic targets using a designed and pooled shRNA library screen. Scientific Reports, 2017, 7, 43023.	3.3	33
3453	Staurosporine suppresses survival of HepG2 cancer cells through Omi/HtrA2-mediated inhibition of PI3K/Akt signaling pathway. Tumor Biology, 2017, 39, 101042831769431.	1.8	25
3454	Can gene editing and silencing technologies play a role in the treatment of head and neck cancer?. Oral Oncology, 2017, 68, 9-19.	1.5	7
3455	The expression of HDAC7 in cancerous gastric tissues is positively associated with distant metastasis and poor patient prognosis. Clinical and Translational Oncology, 2017, 19, 1045-1054.	2.4	26
3456	RNA-Associated Early-Stage Antiviral Factor Is a Major Component of Lv2 Restriction. Journal of Virology, 2017, 91, .	3.4	10
3457	Nanoengineered strategies for siRNA delivery: from target assessment to cancer therapeutic efficacy. Drug Delivery and Translational Research, 2017, 7, 346-358.	5.8	26
3458	Dicer-independent processing of small RNA duplexes: mechanistic insights and applications. Nucleic Acids Research, 2017, 45, 10369-10379.	14.5	62
3459	A conserved mammalian mitochondrial isoform of acetyl-CoA carboxylase ACC1 provides the malonyl-CoA essential for mitochondrial biogenesis in tandem with ACSF3. Biochemical Journal, 2017, 474, 3783-3797.	3.7	23
3460	A reversible haploid mouse embryonic stem cell biobank resource for functional genomics. Nature, 2017, 550, 114-118.	27.8	58

#	ARTICLE	IF	CITATIONS
3461	Expression of short hairpin RNAs using the compact architecture of retroviral microRNA genes. <i>Nucleic Acids Research</i> , 2017, 45, e154-e154.	14.5	5
3462	p53 pulses lead to distinct patterns of gene expression albeit similar DNA-binding dynamics. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 840-847.	8.2	83
3463	Enhancement or inhibition of PLC $\beta$ 2 expression in rat hepatocytes by recombinant adenoviral vectors that contain full-length gene or siRNA. <i>Biotechnic and Histochemistry</i> , 2017, 92, 436-444.	1.3	0
3464	Acylpeptide hydrolase is a component of the cellular response to DNA damage. <i>DNA Repair</i> , 2017, 58, 52-61.	2.8	19
3465	Global Inhibition with Specific Activation: How p53 and MYC Redistribute the Transcriptome in the DNA Double-Strand Break Response. <i>Molecular Cell</i> , 2017, 67, 1013-1025.e9.	9.7	55
3466	RNA interference for glioblastoma therapy: Innovation ladder from the bench to clinical trials. <i>Life Sciences</i> , 2017, 188, 26-36.	4.3	47
3467	Functional characterization of Pol III U6 promoters for gene knockdown and knockout in <i>Plutella xylostella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 89, 71-78.	2.7	29
3468	Improving miRNA Delivery by Optimizing miRNA Expression Cassettes in Diverse Virus Vectors. <i>Human Gene Therapy Methods</i> , 2017, 28, 177-190.	2.1	52
3469	A Simple and Cost-Effective Approach for In Vitro Production of Sliced siRNAs as Potent Triggers for RNAi. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 8, 345-355.	5.1	8
3470	Significant inhibition of Tembusu virus envelope and NS5 gene using an adenovirus-mediated short hairpin RNA delivery system. <i>Infection, Genetics and Evolution</i> , 2017, 54, 387-396.	2.3	8
3471	Early-Stage Metastasis Requires Mdm2 and Not p53 Gain of Function. <i>Molecular Cancer Research</i> , 2017, 15, 1598-1607.	3.4	16
3472	Insert restriction enzyme cutting-free cloning strategy for expression plasmid construction. <i>Biotechnology and Biotechnological Equipment</i> , 2017, 31, 1033-1039.	1.3	0
3473	$\beta$ -Catenin ( <i>CTNND2</i> ) missense mutation in familial cortical myoclonic tremor and epilepsy. <i>Neurology</i> , 2017, 89, 2341-2350.	1.1	22
3474	Delivery of Native Proteins into <i>C. elegans</i> Using a Transduction Protocol Based on Lipid Vesicles. <i>Scientific Reports</i> , 2017, 7, 15045.	3.3	16
3475	Construction of a recombinant lentivirus-mediated shRNA expression vector targeting the human PSMD10 gene and validation of RNAi efficiency in RPMI-8226 multiple myeloma cells. <i>Oncology Reports</i> , 2017, 38, 809-818.	2.6	6
3476	RNAi Technique in Stem Cell Research: Current Status and Future Perspectives. <i>Methods in Molecular Biology</i> , 2017, 1622, 3-14.	0.9	2
3477	Efficient Depletion of Essential Gene Products for Loss-of-Function Studies in Embryonic Stem Cells. <i>Methods in Molecular Biology</i> , 2017, 1622, 91-100.	0.9	1
3478	Exercise attenuates neurological deficits by stimulating a critical HSP70/NF- $\kappa$ B/IL-6/synapsin I axis in traumatic brain injury rats. <i>Journal of Neuroinflammation</i> , 2017, 14, 90.	7.2	43

#	ARTICLE	IF	CITATIONS
3479	Human ribosomal protein eS1 is engaged in cellular events related to processing and functioning of U11 snRNA. <i>Nucleic Acids Research</i> , 2017, 45, 9121-9137.	14.5	14
3480	Loss-of-function genetic tools for animal models: cross-species and cross-platform differences. <i>Nature Reviews Genetics</i> , 2017, 18, 24-40.	16.3	159
3481	Inactivation of the putative ubiquitin-E3 ligase PDLIM2 in classical Hodgkin and anaplastic large cell lymphoma. <i>Leukemia</i> , 2017, 31, 602-613.	7.2	14
3482	Depletion of the Fragile X Mental Retardation Protein in Embryonic Stem Cells Alters the Kinetics of Neurogenesis. <i>Stem Cells</i> , 2017, 35, 374-385.	3.2	32
3483	Pan-Raf co-operates with PI3K-dependent signalling and critically contributes to myeloma cell survival independently of mutated RAS. <i>Leukemia</i> , 2017, 31, 922-933.	7.2	16
3484	CysLT1R downregulation reverses intracerebroventricular streptozotocin-induced memory impairment via modulation of neuroinflammation in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 73, 19-30.	4.8	10
3485	Liposome-based drug co-delivery systems in cancer cells. <i>Materials Science and Engineering C</i> , 2017, 71, 1327-1341.	7.3	242
3486	In planta silencing of NSs and Hc-Pro through RNAi constructs: to develop durable resistance. <i>Indian Journal of Plant Physiology</i> , 2017, 22, 577-586.	0.8	3
3487	Inhibition of HBV replication by delivering the dual-gene expression vector pHsa-miR16-siRNA in HepG2.2.15 cells. <i>Current Medical Science</i> , 2017, 37, 828-832.	1.8	0
3488	RNA Interference and RNA Editing. , 2017, , 345-376.		0
3489	Intronâ€™specific shRNAâ€™mediated downregulation of survivin and promotion of apoptosis in HeLa cells. <i>Oncology Letters</i> , 2017, 14, 5927-5933.	1.8	1
3490	Synthetic lethality between the cohesin subunits STAG1 and STAG2 in diverse cancer contexts. <i>ELife</i> , 2017, 6, .	6.0	94
3491	Progress in Genome Editing Technology and Its Application in Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 177.	3.6	78
3492	Nanoparticles for ribozymes delivery. , 2017, , 135-150.		2
3493	PRC1 Prevents Replication Stress during Chondrogenic Transit Amplification. <i>Epigenomes</i> , 2017, 1, 22.	1.8	0
3494	Efficacy Analysis of Combinatorial siRNAs against HIV Derived from One Double Hairpin RNA Precursor. <i>Frontiers in Microbiology</i> , 2017, 8, 1651.	3.5	12
3495	Serping1/C1 Inhibitor Affects Cortical Development in a Cell Autonomous and Non-cell Autonomous Manner. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 169.	3.7	32
3496	Endothelial Nitric Oxide Synthase Is Present in Dendritic Spines of Neurons in Primary Cultures. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 180.	3.7	28

#	ARTICLE	IF	CITATIONS
3497	GSK3 $\beta$ and GSK3 $\gamma$ Phosphorylate Arc and Regulate its Degradation. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 192.	2.9	33
3498	Substrate Stiffness Influences Doxorubicin-Induced p53 Activation via ROCK2 Expression. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	26
3499	Advances on nucleic acid delivery with nonviral vectors. , 2017, , 403-426.		1
3500	From huntingtin gene to Huntington's disease-altering strategies. , 2017, , 251-276.		0
3501	Silencing of the rift valley fever virus s-genome segment transcripts using RNA interference in Sf21 insect cells. <i>African Journal of Biotechnology</i> , 2017, 16, 1016-1031.	0.6	0
3502	BCSG1 siRNA delivered by lentiviral vector suppressed proliferation and migration of MDA-MB-231 cells. <i>International Journal of Molecular Medicine</i> , 2017, 41, 1659-1664.	4.0	6
3503	Bioengineering Approach to Immunomodulation. , 2017, , 861-872.		0
3504	Maintenance of hematopoietic stem and progenitor cells in fetal intra-aortic hematopoietic clusters by the Sox17-Notch1-Hes1 axis. <i>Experimental Cell Research</i> , 2018, 365, 145-155.	2.6	8
3505	Toward an integrated map of genetic interactions in cancer cells. <i>Molecular Systems Biology</i> , 2018, 14, e7656.	7.2	64
3506	New tools for old drugs: Functional genetic screens to optimize current chemotherapy. <i>Drug Resistance Updates</i> , 2018, 36, 30-46.	14.4	33
3507	A review on current status of antiviral <sc>siRNA</sc>. <i>Reviews in Medical Virology</i> , 2018, 28, e1976.	8.3	82
3508	Co-amplification of EBNA-1 and PyLT through dhfr-mediated gene amplification for improving foreign protein production in transient gene expression in CHO cells. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4729-4739.	3.6	5
3509	Transcriptional coactivator PGC-1 $\beta$ contains a novel CBP80-binding motif that orchestrates efficient target gene expression. <i>Genes and Development</i> , 2018, 32, 555-567.	5.9	18
3510	Mutant and wild-type p53 form complexes with p73 upon phosphorylation by the kinase JNK. <i>Science Signaling</i> , 2018, 11, .	3.6	27
3511	Decreased succinate dehydrogenase B in human hepatocellular carcinoma accelerates tumor malignancy by inducing the Warburg effect. <i>Scientific Reports</i> , 2018, 8, 3081.	3.3	67
3512	Therapeutic Targeting of Long Non-Coding RNAs in Cancer. <i>Trends in Molecular Medicine</i> , 2018, 24, 257-277.	6.7	453
3513	Disease Gene Identification. <i>Methods in Molecular Biology</i> , 2018, , .	0.9	2
3514	RNA Interference to Knock Down Gene Expression. <i>Methods in Molecular Biology</i> , 2018, 1706, 293-302.	0.9	88

#	ARTICLE	IF	CITATIONS
3515	Protein 4.1N is required for the formation of the lateral membrane domain in human bronchial epithelial cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1143-1151.	2.6	6
3516	Construction of a plasmid vector containing epidermal growth factor receptor and C-Jun shRNA. <i>Archives of Dermatological Research</i> , 2018, 310, 241-243.	1.9	0
3517	Silencing steroid receptor coactivator-1 in the nucleus of the solitary tract reduces estrogenic effects on feeding and apolipoprotein A-IV expression. <i>Journal of Biological Chemistry</i> , 2018, 293, 2091-2101.	3.4	7
3518	Delineation of the Exact Transcription Termination Signal for Type 3 Polymerase III. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 10, 36-44.	5.1	62
3519	Protein kinase D2: a versatile player in cancer biology. <i>Oncogene</i> , 2018, 37, 1263-1278.	5.9	20
3520	Phosphate (Pi)-regulated heterodimerization of the high-affinity sodium-dependent Pi transporters PiT1/Slc20a1 and PiT2/Slc20a2 underlies extracellular Pi sensing independently of Pi uptake. <i>Journal of Biological Chemistry</i> , 2018, 293, 2102-2114.	3.4	93
3521	Shock wave-induced permeabilization of mammalian cells. <i>Physics of Life Reviews</i> , 2018, 26-27, 1-38.	2.8	24
3522	Nucleolar-nucleoplasmic shuttling of TARG1 and its control by DNA damage-induced poly-ADP-ribosylation and by nucleolar transcription. <i>Scientific Reports</i> , 2018, 8, 6748.	3.3	32
3523	Stabilization of RNA Encapsulated in Silk. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1708-1715.	5.2	14
3524	Conditional Manipulation of Gene Function in Human Cells with Optimized Inducible shRNA. <i>Current Protocols in Stem Cell Biology</i> , 2018, 44, 5C.4.1-5C.4.48.	3.0	11
3525	A new regulator of cellulase and xylanase in the thermophilic fungus <i>Myceliophthora thermophila</i> strain ATCC 42464. <i>3 Biotech</i> , 2018, 8, 160.	2.2	9
3526	EFhd2/Swiprosin-1 is a common genetic determinant for sensation-seeking/low anxiety and alcohol addiction. <i>Molecular Psychiatry</i> , 2018, 23, 1303-1319.	7.9	40
3527	MAPK signaling has stage-dependent osteogenic effects on human adipose-derived stem cells in vitro. <i>Connective Tissue Research</i> , 2018, 59, 129-146.	2.3	16
3528	Adaptor Complex 2 Controls Dendrite Morphology via mTOR-Dependent Expression of GluA2. <i>Molecular Neurobiology</i> , 2018, 55, 1590-1606.	4.0	20
3529	Arginine Deprivation Therapy: Putative Strategy to Eradicate Glioblastoma Cells by Radiosensitization. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 393-406.	4.1	25
3530	Alterations of microRNAs throughout the malignant evolution of cutaneous squamous cell carcinoma: the role of miR-497 in epithelial to mesenchymal transition of keratinocytes. <i>Oncogene</i> , 2018, 37, 218-230.	5.9	43
3531	Caspase-10: a molecular switch from cell-autonomous apoptosis to communal cell death in response to chemotherapeutic drug treatment. <i>Cell Death and Differentiation</i> , 2018, 25, 340-352.	11.2	18
3532	Analysis of HspB1 (Hsp27) Oligomerization and Phosphorylation Patterns and Its Interaction with Specific Client Polypeptides. <i>Methods in Molecular Biology</i> , 2018, 1709, 163-178.	0.9	8

#	ARTICLE	IF	CITATIONS
3533	Method for Imaging Live-Cell RNA Using an RNA Aptamer and a Fluorescent Probe. <i>Methods in Molecular Biology</i> , 2018, 1649, 305-318.	0.9	3
3534	Genetics of Disease Resistance in Chicken. , 0, , .		5
3535	Warburg Effect Metabolism Drives Neoplasia in a Drosophila Genetic Model of Epithelial Cancer. <i>Current Biology</i> , 2018, 28, 3220-3228.e6.	3.9	33
3536	An axial Hox code controls tissue segmentation and body patterning in <i>Nematostella vectensis</i> . <i>Science</i> , 2018, 361, 1377-1380.	12.6	121
3537	DNA repair protein Rad18 restricts LINE-1 mobility. <i>Scientific Reports</i> , 2018, 8, 15894.	3.3	7
3538	A simple approach for multi-targeted shRNA-mediated inducible knockdowns using Sleeping Beauty vectors. <i>PLoS ONE</i> , 2018, 13, e0205585.	2.5	1
3539	A genome editing vector that enables easy selection and identification of knockout cells. <i>Plasmid</i> , 2018, 98, 37-44.	1.4	9
3540	Synthesis of 2,6-Diamino-Substituted Purine Derivatives and Evaluation of Cell Cycle Arrest in Breast and Colorectal Cancer Cells. <i>Molecules</i> , 2018, 23, 1996.	3.8	9
3541	RNA Interference as a Prospective Tool for the Control of Human Viral Infections. <i>Frontiers in Microbiology</i> , 2018, 9, 2151.	3.5	78
3542	Manipulating Metallogel Properties by Luminogens and Their Applications in Cell Imaging. <i>ACS Omega</i> , 2018, 3, 5417-5425.	3.5	18
3543	Centrosome amplification arises before neoplasia and increases upon p53 loss in tumorigenesis. <i>Journal of Cell Biology</i> , 2018, 217, 2353-2363.	5.2	61
3544	Multifunctional nucleic acid nanostructures for gene therapies. <i>Nano Research</i> , 2018, 11, 5017-5027.	10.4	30
3545	Molecular Techniques Used to Explore Glutamate Receptors in Synaptic Plasticity and Memory. , 2018, , 419-443.		0
3546	HIV-1 Vpr and p21 restrict LINE-1 mobility. <i>Nucleic Acids Research</i> , 2018, 46, 8454-8470.	14.5	18
3547	Loss of p53 expression in cancer cells alters cell cycle response after inhibition of exportin-1 but does not prevent cell death. <i>Cell Cycle</i> , 2018, 17, 1329-1344.	2.6	12
3548	Fluctuations in p53 Signaling Allow Escape from Cell-Cycle Arrest. <i>Molecular Cell</i> , 2018, 71, 581-591.e5.	9.7	108
3549	Lipid-Based Nanosystems for the Delivery of siRNA: Challenges and Trends. , 2018, , 495-515.		0
3550	Anti-Tumorigenic Activity of Chrysin from <i>Oroxylum indicum</i> via Non-Genotoxic p53 Activation through the ATM-Chk2 Pathway. <i>Molecules</i> , 2018, 23, 1394.	3.8	32



#	ARTICLE	IF	CITATIONS
3551	RNA Interference Therapies for an HIV-1 Functional Cure. <i>Viruses</i> , 2018, 10, 8.	3.3	36
3552	APC2 controls dendrite development by promoting microtubule dynamics. <i>Nature Communications</i> , 2018, 9, 2773.	12.8	23
3553	Computational design of small interfering RNAs and small hairpin RNAs to silence mutated P53 gene expressions. <i>Informatics in Medicine Unlocked</i> , 2018, 12, 1-5.	3.4	2
3554	pH low insertion peptide mediated cell division cycle-associated protein 1 -siRNA transportation for prostatic cancer therapy targeted to the tumor microenvironment. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1761-1767.	2.1	12
3555	Study on construction of shRNA interference plasmid by two-step SOE PCR. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
3556	Regulation and metabolic engineering strategies for permeases of <i>Saccharomyces cerevisiae</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 112.	3.6	3
3557	Alu RNA Modulates the Expression of Cell Cycle Genes in Human Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3315.	4.1	10
3558	Importance of genetic screens in precision oncology. <i>ESMO Open</i> , 2019, 4, e000505.	4.5	10
3559	Computational approach to design potential siRNA for CDKN2A gene silencing in melanoma through RNA interference. <i>Gene Reports</i> , 2019, 17, 100469.	0.8	0
3560	Significant Interference with Porcine Epidemic Diarrhea Virus Pandemic and Classical Strain Replication in Small-Intestine Epithelial Cells Using an shRNA Expression Vector. <i>Vaccines</i> , 2019, 7, 173.	4.4	3
3561	VAPâ€œSCRN1 interaction regulates dynamic endoplasmic reticulum remodeling and presynaptic function. <i>EMBO Journal</i> , 2019, 38, e101345.	7.8	53
3562	Cytolinker Gas2L1 regulates axon morphology through microtubuleâ€œmodulated actin stabilization. <i>EMBO Reports</i> , 2019, 20, e47732.	4.5	45
3563	RNAi as a tool to inhibit the angiogenic potential of human Mesenchymal Stem/Stromal Cells in malignancy*. , 2019, , .		0
3564	Feedback-Driven Assembly of the Axon Initial Segment. <i>Neuron</i> , 2019, 104, 305-321.e8.	8.1	54
3565	Genome-scale CRISPR knockout screen identifies TIGAR as a modifier of PARP inhibitor sensitivity. <i>Communications Biology</i> , 2019, 2, 335.	4.4	35
3566	Efficient Knockdown and Lack of Passenger Strand Activity by Dicer-Independent shRNAs Expressed from Pol II-Driven MicroRNA Scaffolds. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 318-328.	5.1	13
3567	A germline HLTF mutation in familial MDS induces DNA damage accumulation through impaired PCNA polyubiquitination. <i>Leukemia</i> , 2019, 33, 1773-1782.	7.2	11
3568	Viral Vectors for Gene Therapy. <i>Methods in Molecular Biology</i> , 2019, , .	0.9	2

#	ARTICLE	IF	CITATIONS
3569	Axonogenesis Is Coordinated by Neuron-Specific Alternative Splicing Programming and Splicing Regulator PTBP2. <i>Neuron</i> , 2019, 101, 690-706.e10.	8.1	58
3570	Retinal miRNA Functions in Health and Disease. <i>Genes</i> , 2019, 10, 377.	2.4	52
3571	Periodicity and dosage optimization of an RNAi model in eukaryotes cells. <i>BMC Bioinformatics</i> , 2019, 20, 340.	2.6	5
3572	Exercise Preconditioning Attenuates Neurological Injury by Preserving Old and Newly Formed HSP72-Containing Neurons in Focal Brain Ischemia Rats. <i>International Journal of Medical Sciences</i> , 2019, 16, 675-685.	2.5	14
3573	Fbxo41 Promotes Disassembly of Neuronal Primary Cilia. <i>Scientific Reports</i> , 2019, 9, 8179.	3.3	11
3574	Boosting AgoshRNA activity by optimized 5'â€™-terminal nucleotide selection. <i>RNA Biology</i> , 2019, 16, 890-898.	3.1	3
3575	A Gain-of-Function p53-Mutant Oncogene Promotes Cell Fate Plasticity and Myeloid Leukemia through the Pluripotency Factor FOXH1. <i>Cancer Discovery</i> , 2019, 9, 962-979.	9.4	58
3576	Antiviral RNAi in Insects and Mammals: Parallels and Differences. <i>Viruses</i> , 2019, 11, 448.	3.3	67
3577	Intercalation of shRNA-plasmid in Mgâ€“Al layered double hydroxide nanoparticles and its cellular internalization for possible treatment of neurodegenerative diseases. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 500-508.	3.0	8
3578	Long Noncoding RNA and Epithelial Mesenchymal Transition in Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1924.	4.1	126
3579	Hippocampal Genetic Knockdown of PPARÎ³ Causes Depression-Like Behaviors and Neurogenesis Suppression. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 372-382.	2.1	14
3580	Influence of a 3'â€² Terminal Ribozyme on AgoshRNA Biogenesis and Activity. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 452-462.	5.1	4
3581	eIF4E is a critical regulator of human papillomavirus (HPV)-immortalized cervical epithelial (H8) cell growth induced by nicotine. <i>Toxicology</i> , 2019, 419, 1-10.	4.2	9
3582	Radiosensitivity of Cancer Cells Is Regulated by Translationally Controlled Tumor Protein. <i>Cancers</i> , 2019, 11, 386.	3.7	15
3583	Conditional Gene Knockout in Human Cells with Inducible CRISPR/Cas9. <i>Methods in Molecular Biology</i> , 2019, 1961, 185-209.	0.9	4
3584	Advances in CRISPR-Cas systems for RNA targeting, tracking and editing. <i>Biotechnology Advances</i> , 2019, 37, 708-729.	11.7	95
3585	A T7 autogene-based hybrid mRNA/DNA system for long-term shRNA expression in cytoplasm without inefficient nuclear entry. <i>Scientific Reports</i> , 2019, 9, 2993.	3.3	8
3586	Slicing and dicing viruses: antiviral <sc>RNA</sc> interference in mammals. <i>EMBO Journal</i> , 2019, 38, .	7.8	92

#	ARTICLE	IF	CITATIONS
3587	Co-Delivery of a Short-Hairpin RNA and a shRNA-Resistant Replacement Gene with Adeno-Associated Virus: An Allele-Independent Strategy for Autosomal-Dominant Retinal Disorders. <i>Methods in Molecular Biology</i> , 2019, 1937, 235-258.	0.9	5
3588	An identified ensemble within a neocortical circuit encodes essential information for genetically-enhanced visual shape learning. <i>Hippocampus</i> , 2019, 29, 710-725.	1.9	9
3589	Feedback-Driven Mechanisms between Microtubules and the Endoplasmic Reticulum Instruct Neuronal Polarity. <i>Neuron</i> , 2019, 102, 184-201.e8.	8.1	68
3590	Repression of Human Papillomavirus Oncogene Expression under Hypoxia Is Mediated by PI3K/mTORC2/AKT Signaling. <i>MBio</i> , 2019, 10, .	4.1	32
3591	Systematic Screening, Rational Development, and Initial Optimization of Efficacious RNA Silencing Agents for Human Rod Opsin Therapeutics. <i>Translational Vision Science and Technology</i> , 2019, 8, 28.	2.2	4
3592	Stochastic transcription in the p53-mediated response to <scp>DNA</scp> damage is modulated by burst frequency. <i>Molecular Systems Biology</i> , 2019, 15, e9068.	7.2	27
3593	Editorial focus: understanding off-target effects as the key to successful RNAi therapy. <i>Cellular and Molecular Biology Letters</i> , 2019, 24, 69.	7.0	85
3594	An efficient method for multigene co-interference by recombinant Bombyx mori nucleopolyhedrovirus. <i>Molecular Genetics and Genomics</i> , 2019, 294, 111-120.	2.1	5
3595	ESCRT Proteins Control the Dendritic Morphology of Developing and Mature Hippocampal Neurons. <i>Molecular Neurobiology</i> , 2019, 56, 4866-4879.	4.0	7
3596	CCR2 Chemokine Receptors Enhance Growth and Cell-Cycle Progression of Breast Cancer Cells through SRC and PKC Activation. <i>Molecular Cancer Research</i> , 2019, 17, 604-617.	3.4	48
3597	ShRNA-mediated matrix metalloproteinase-2 gene silencing protects normal cells and sensitizes cancer cells against ionizing-radiation induced damage. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1332-1352.	2.6	4
3598	Framework Nucleic Acids for Cell Imaging and Therapy. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 1-9.	2.6	11
3599	CRISPR therapy towards an HIV cure. <i>Briefings in Functional Genomics</i> , 2020, 19, 201-208.	2.7	21
3600	RAL GTPases mediate multiple myeloma cell survival and are activated independently of oncogenic RAS. <i>Haematologica</i> , 2020, 105, 2316-2326.	3.5	12
3601	Midkine promotes articular chondrocyte proliferation through the MK-LRP1-nucleolin signaling pathway. <i>Cellular Signalling</i> , 2020, 65, 109423.	3.6	14
3602	Cytoplasmic expression of EGFR shRNA using a modified T7 autogene-based hybrid mRNA/DNA system induces long-term EGFR silencing and prolongs antitumor effects. <i>Biochemical Pharmacology</i> , 2020, 171, 113735.	4.4	6
3603	Cancer biology functional genomics: From small RNAs to big dreams. <i>Molecular Carcinogenesis</i> , 2020, 59, 1343-1361.	2.7	6
3604	The effects of exogenous cerium on photosystem II as probed by in vivo chlorophyll fluorescence and lipid production of <i>Scenedesmus obliquus</i> XJ002. <i>Biotechnology and Applied Biochemistry</i> , 2020, , .	3.1	6

#	ARTICLE	IF	CITATIONS
3605	Prospective vaccination of COVID-19 using shRNA-plasmid-LDH nanoconjugate. Medical Hypotheses, 2020, 143, 110084.	1.5	10
3606	Advances of Nanoparticles for Leukemia Treatment. ACS Biomaterials Science and Engineering, 2020, 6, 6478-6489.	5.2	19
3607	Identifying Cleaved and Noncleaved Targets of Small Interfering RNAs and MicroRNAs in Mammalian Cells by SpyCLIP. Molecular Therapy - Nucleic Acids, 2020, 22, 900-909.	5.1	4
3608	Advances with RNAi-Based Therapy for Hepatitis B Virus Infection. Viruses, 2020, 12, 851.	3.3	49
3609	Short Hairpin RNAs for Strand-Specific Small Interfering RNA Production. Frontiers in Bioengineering and Biotechnology, 2020, 8, 940.	4.1	19
3610	RNA Drugs and RNA Targets for Small Molecules: Principles, Progress, and Challenges. Pharmacological Reviews, 2020, 72, 862-898.	16.0	192
3611	DNA Nanotechnology. Topics in Current Chemistry Collections, 2020, , .	0.5	0
3612	Emerging Role and Therapeutic Potential of lncRNAs in Colorectal Cancer. Cancers, 2020, 12, 3843.	3.7	29
3613	P53 induces senescence in the unstable progeny of aneuploid cells. Cell Cycle, 2020, 19, 3508-3520.	2.6	6
3614	RhoBTB Proteins Regulate the Hippo Pathway by Antagonizing Ubiquitination of LKB1. G3: Genes, Genomes, Genetics, 2020, 10, 1319-1325.	1.8	6
3615	Integrin $\alpha 4$ mediates ATDC5 cell adhesion to negatively charged synthetic polymer hydrogel leading to chondrogenic differentiation. Biochemical and Biophysical Research Communications, 2020, 528, 120-126.	2.1	8
3616	Prolonged siRNA expression in mammalian cells using an Epstein-Barr virus-based plasmid expression system. Biochemical and Biophysical Research Communications, 2020, 529, 51-56.	2.1	1
3617	Interplay between Endoplasmic Reticulum (ER) Stress and Autophagy Induces Mutant p53H273 Degradation. Biomolecules, 2020, 10, 392.	4.0	13
3618	Immortalized normal human lung epithelial cell models for studying lung cancer biology. Respiratory Investigation, 2020, 58, 344-354.	1.8	15
3619	Novel regulators of PrP <sup>C</sup> expression as potential therapeutic targets in prion diseases. Expert Opinion on Therapeutic Targets, 2020, 24, 759-776.	3.4	10
3620	Applications of Functional Genomics for Drug Discovery. SLAS Discovery, 2020, 25, 823-842.	2.7	6
3621	Aptamer-Functionalized DNA Nanostructures for Biological Applications. Topics in Current Chemistry, 2020, 378, 21.	5.8	27
3622	Inhibition of Cell-surface Molecular GPR87 With GPR87-suppressing Adenoviral Vector Disturb Tumor Proliferation in Lung Cancer Cells. Anticancer Research, 2020, 40, 733-741.	1.1	8

#	ARTICLE	IF	CITATIONS
3623	Microtubule Minus-End Binding Protein CAMSAP2 and Kinesin-14 Motor KIFC3 Control Dendritic Microtubule Organization. <i>Current Biology</i> , 2020, 30, 899-908.e6.	3.9	26
3624	High-performance biosensing based on autonomous enzyme-free DNA circuits. <i>Topics in Current Chemistry</i> , 2020, 378, 20.	5.8	29
3625	Poly(L-glutamic acid)-Based Zwitterionic Polymer in a Charge Conversional Shielding System for Gene Therapy of Malignant Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 19295-19306.	8.0	23
3626	The Ubiquitin-Specific Protease Usp7, a Novel Merkel Cell Polyomavirus Large T-Antigen Interaction Partner, Modulates Viral DNA Replication. <i>Journal of Virology</i> , 2020, 94, .	3.4	18
3627	Knockdown of the ADHD Candidate Gene <i>Diras2</i> in Murine Hippocampal Primary Cells. <i>Journal of Attention Disorders</i> , 2021, 25, 572-583.	2.6	6
3629	Amplification of EBNA-1 through a single-plasmid vector-based gene amplification system in HEK293 cells as an efficient transient gene expression system. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 67-76.	3.6	4
3630	Functional Genomics Approaches to Elucidate Vulnerabilities of Intrinsic and Acquired Chemotherapy Resistance. <i>Cells</i> , 2021, 10, 260.	4.1	4
3631	RNAi for livestock improvement. , 2021, , 91-107.		1
3632	Recent advances in co-delivery nanosystems for synergistic action in cancer treatment. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1208-1237.	5.8	30
3633	MicroRNAs Regulating Autophagy in Neurodegeneration. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1208, 191-264.	1.6	1
3634	Targeted delivery of nucleic acids using microfluidic systems. , 2021, , 289-318.		1
3635	Effective tools for RNA-derived therapeutics: siRNA interference or miRNA mimicry. <i>Theranostics</i> , 2021, 11, 8771-8796.	10.0	50
3636	Combined kinesin-1 and kinesin-3 activity drives axonal trafficking of TrkB receptors in Rab6 carriers. <i>Developmental Cell</i> , 2021, 56, 494-508.e7.	7.0	16
3637	Understanding How Genetic Mutations Collaborate with Genomic Instability in Cancer. <i>Cells</i> , 2021, 10, 342.	4.1	5
3638	Non-coding RNAs (miRNAs and lncRNAs) and their roles in lymphogenesis in all types of lymphomas and lymphoid malignancies (Review). <i>Oncology Letters</i> , 2021, 21, 393.	1.8	2
3639	Emerging Roles of Long Non-coding RNAs in Uterine Leiomyoma Pathogenesis: a Review. <i>Reproductive Sciences</i> , 2022, 29, 1086-1101.	2.5	9
3640	Plasmids Expressing shRNAs Specific to the Nucleocapsid Gene Inhibit the Replication of Porcine Deltacoronavirus In Vivo. <i>Animals</i> , 2021, 11, 1216.	2.3	1
3641	Using biotechnological approaches to develop crop resistance to root parasitic weeds. <i>Planta</i> , 2021, 253, 97.	3.2	6

#	ARTICLE	IF	CITATIONS
3642	The inflammatory signalling mediator TAK1 mediates lymphocyte recruitment to lipopolysaccharide-activated murine mesenchymal stem cells through interleukin-6. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 3655-3670.	3.1	3
3643	Impact of the interplay between stemness features, p53 and pol iota on replication pathway choices. <i>Nucleic Acids Research</i> , 2021, 49, 7457-7475.	14.5	11
3644	Targeted Treatment of Head and Neck (Pre)Cancer: Preclinical Target Identification and Development of Novel Therapeutic Applications. <i>Cancers</i> , 2021, 13, 2774.	3.7	11
3645	Tissue microarray profiling and integrative proteomics indicate the modulatory potential of <i>Maytenus royleanus</i> in inhibition of overexpressed TPD52 in prostate cancers. <i>Scientific Reports</i> , 2021, 11, 11935.	3.3	4
3647	Tackling prion diseases: a review of the patent landscape. <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 1097-1115.	5.0	10
3648	New insights into the roles of CUL1 in mouse placenta development. <i>Biochemical and Biophysical Research Communications</i> , 2021, 559, 70-77.	2.1	4
3649	Conditional gene silencing via a CRISPR system in cerebellar Purkinje cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129869.	2.4	6
3650	ERâ€‘lysosome contacts at a pre-axonal region regulate axonal lysosome availability. <i>Nature Communications</i> , 2021, 12, 4493.	12.8	32
3651	Development of strategies to modulate gene expression of angiogenesis-related molecules in the retina. <i>Gene</i> , 2021, 791, 145724.	2.2	2
3652	Abnormal function of telomere protein TRF2 induces cell mutation and the effects of environmental tumorâ€‘promoting factors (Review). <i>Oncology Reports</i> , 2021, 46, .	2.6	11
3653	WDR47 protects neuronal microtubule minus ends from katanin-mediated severing. <i>Cell Reports</i> , 2021, 36, 109371.	6.4	12
3654	Nanoparticle mediated <scp>RNA</scp> delivery for wound healing. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1741.	6.1	16
3655	Serine hydroxymethyltransferase 2 expression promotes tumorigenesis in rhabdomyosarcoma with 12q13-q14 amplification. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	10
3656	Effects on the STAT3-shRNA in Non-Small-Cell Lung Cancer Therapy: Design, Induction of Apoptosis, and Conjugation with Chitosan-Based Gene Vectors. <i>Journal of Ocean University of China</i> , 2021, 20, 1097-1108.	1.2	4
3657	Experimental MicroRNA Targeting Validation. <i>Methods in Molecular Biology</i> , 2022, 2257, 79-90.	0.9	3
3658	Genetic association scan of 32 osteoarthritis susceptibility genes identified TP63 associated with an endemic osteoarthritis, Kashin-Beck disease. <i>Bone</i> , 2021, 150, 115997.	2.9	7
3659	SMAsh: A Streptavidin Mass Shift Assay for Rapidly Quantifying Target Occupancy by Irreversible Inhibitors. <i>Biochemistry</i> , 2021, 60, 2915-2924.	2.5	3
3660	Connected neurons in multiple neocortical areas, comprising parallel circuits, encode essential information for visual shape learning. <i>Journal of Chemical Neuroanatomy</i> , 2021, 118, 102024.	2.1	1

#	ARTICLE	IF	CITATIONS
3661	p53-mediated regulation of mitochondrial dynamics plays a pivotal role in the senescence of various normal cells as well as cancer cells. FASEB Journal, 2021, 35, e21319.	0.5	8
3662	Overexpression Models: Lentiviral Modeling of Brain Cancer. Current Protocols in Mouse Biology, 2013, 3, 121-139.	1.2	4
3663	Brain Repair. , 2006, 557, 148-163.		4
3664	Global Effects of Ras Signaling on the Genetic Program in Mammalian Cells. , 2006, , 169-198.		7
3665	Gene-Expressed RNA as a Therapeutic: Issues to Consider, Using Ribozymes and Small Hairpin RNA as Specific Examples. , 2006, , 289-303.		4
3666	Using a Lentivirus-Based Inducible RNAi Vector to Silence a Gene. Methods in Molecular Biology, 2020, 2102, 195-210.	0.9	2
3667	RNA Interference for Cancer Therapy. , 2009, , 399-440.		4
3668	RNA Interference in Mammalian Systems - A Practical Approach. Advances in Experimental Medicine and Biology, 2003, 544, 205-216.	1.6	5
3669	Design and Cloning of Short Hairpin RNAs (shRNAs) into a Lentiviral Silencing Vector to Study the Function of Selected Proteins in Neuronal Apoptosis. Methods in Molecular Biology, 2015, 1254, 115-128.	0.9	1
3670	Computational Design of Artificial RNA Molecules for Gene Regulation. Methods in Molecular Biology, 2015, 1269, 393-412.	0.9	28
3671	RNA Interference for Antimetastatic Therapy. Methods in Molecular Biology, 2015, 1317, 153-165.	0.9	2
3672	Efficient Gene Knockdowns in Human Embryonic Stem Cells Using Lentiviral-Based RNAi. Methods in Molecular Biology, 2009, 482, 35-42.	0.9	5
3673	Lentivirus Delivery of shRNA Constructs into Osteoblasts. Methods in Molecular Biology, 2008, 455, 149-155.	0.9	5
3674	Rapid, Controlled and Intensive Lentiviral Vector-Based RNAi. Methods in Molecular Biology, 2009, 485, 257-270.	0.9	11
3675	siRNA and shRNA as Anticancer Agents in a Cervical Cancer Model. Methods in Molecular Biology, 2008, 442, 159-172.	0.9	16
3676	Transgenic RNA Interference in Mice. Methods in Molecular Biology, 2008, 442, 259-266.	0.9	3
3677	Lentiviral Vector Delivery of siRNA and shRNA Encoding Genes into Cultured and Primary Hematopoietic Cells. Methods in Molecular Biology, 2008, 433, 287-300.	0.9	30
3678	Knock-Down of Gene Expression in Hematopoietic Cells. Methods in Molecular Biology, 2009, 506, 207-219.	0.9	7



#	ARTICLE	IF	CITATIONS
3679	RNA Interference Using a Plasmid Construct Expressing Short-Hairpin RNA. <i>Methods in Molecular Biology</i> , 2007, 405, 31-37.	0.9	11
3680	Studying Autoimmunity by In Vivo RNA Interference. <i>Methods in Molecular Biology</i> , 2009, 555, 109-118.	0.9	1
3681	Interference RNA for In vivo Knock-Down of Gene Expression or Genome-Wide Screening Using shRNA. <i>Methods in Molecular Biology</i> , 2010, 597, 189-209.	0.9	1
3682	Transgenic RNA Interference to Investigate Gene Function in the Mouse. <i>Methods in Molecular Biology</i> , 2008, 461, 165-186.	0.9	3
3683	Progress in the Therapeutic Applications of siRNAs Against HIV-1. <i>Methods in Molecular Biology</i> , 2009, 487, 1-26.	0.9	14
3684	Strategies in Designing Multigene Expression Units to Downregulate HIV-1. <i>Methods in Molecular Biology</i> , 2010, 623, 123-136.	0.9	11
3685	Effective Pol III-Expressed Long Hairpin RNAs Targeted to Multiple Unique Sites of HIV-1. <i>Methods in Molecular Biology</i> , 2010, 629, 157-172.	0.9	8
3686	RNAi in Stem Cells: Current Status and Future Perspectives. <i>Methods in Molecular Biology</i> , 2010, 650, 3-14.	0.9	3
3687	Loss-of-Function Studies in Mouse Embryonic Stem Cells Using the pHYPER shRNA Plasmid Vector. <i>Methods in Molecular Biology</i> , 2010, 650, 85-100.	0.9	4
3688	Lentiviral Vectors to Study the Differential Function of ERK1 and ERK2 MAP Kinases. <i>Methods in Molecular Biology</i> , 2010, 661, 205-220.	0.9	21
3689	RNAi-Inducing Lentiviral Vectors for Anti-HIV-1 Gene Therapy. <i>Methods in Molecular Biology</i> , 2011, 721, 293-311.	0.9	24
3690	Enzymatic Production of RNAi Libraries from cDNAs and High-Throughput Selection of Effective shRNA Expression Constructs. <i>Methods in Molecular Biology</i> , 2011, 729, 123-139.	0.9	1
3691	shRNA-Induced Interferon-Stimulated Gene Analysis. <i>Methods in Molecular Biology</i> , 2012, 820, 163-177.	0.9	6
3692	Control of the Interferon Response in RNAi Experiments. <i>Methods in Molecular Biology</i> , 2012, 820, 133-161.	0.9	5
3693	Gene Loss-of-Function and Live Imaging in Chick Embryos. <i>Methods in Molecular Biology</i> , 2012, 839, 105-117.	0.9	5
3694	Barrier Modulation in Drug Delivery to the Retina. <i>Methods in Molecular Biology</i> , 2012, 935, 371-380.	0.9	7
3695	In Vivo Gene Silencing by Virally Delivered MicroRNA. <i>Neuromethods</i> , 2014, , 245-267.	0.3	1
3696	Construction of Simple and Efficient siRNA Validation Systems for Screening and Identification of Effective RNAi-Targeted Sequences from Mammalian Genes. <i>Methods in Molecular Biology</i> , 2014, 1101, 321-338.	0.9	3

#	ARTICLE	IF	CITATIONS
3697	Design and Evaluation of Clinically Relevant SOFA-HDV Ribozymes Targeting HIV RNA. <i>Methods in Molecular Biology</i> , 2014, 1103, 31-43.	0.9	14
3698	Key Methods for Synthetic Biology: Genome Engineering and DNA Assembly. , 2016, , 101-141.		4
3699	Analysis of Mouse Development with Conditional Mutagenesis. , 2007, , 235-262.		15
3700	Beyond Double-Stranded RNA-Type I IFN Induction by 3pRNA and Other Viral Nucleic Acids. <i>Current Topics in Microbiology and Immunology</i> , 2007, 316, 207-230.	1.1	27
3701	RNA Interference in Mammalian Cell Systems. <i>Current Topics in Microbiology and Immunology</i> , 2008, 320, 1-19.	1.1	27
3702	RNA Silencing in Mammalian Oocytes and Early Embryos. <i>Current Topics in Microbiology and Immunology</i> , 2008, 320, 225-256.	1.1	15
3703	Multiple Kernel Support Vector Regression for siRNA Efficacy Prediction. , 2008, , 367-378.		4
3704	Renaissance of the Regulatory RNAs. , 2012, , 3-22.		1
3705	Tools to Interfere with NF- $\kappa$ B Activation. , 2003, , 199-219.		1
3706	Forward Genetics in Mammalian Cells. , 2003, , 299-309.		6
3707	E2F1 Modulates p38 MAPK Phosphorylation via Transcriptional Regulation of ASK1 and Wip1. <i>Journal of Biological Chemistry</i> , 2006, 281, 31309-31316.	3.4	13
3708	Upregulation of cell adhesion through delta Np63 silencing in human 5637 bladder cancer cells. <i>Asian Journal of Andrology</i> , 2012, 14, 788-792.	1.6	3
3709	Induction of dendritic spines by an extracellular domain of AMPA receptor subunit GluR2. , 0, .		1
3710	Vector-Mediated and Viral Delivery of Short Hairpin RNAs. <i>RSC Biomolecular Sciences</i> , 2008, , 267-295.	0.4	3
3711	Development of an RNAi-Based Gene Therapy against HIV-1. <i>RSC Biomolecular Sciences</i> , 2008, , 296-315.	0.4	9
3712	Inhibition of human lung adenocarcinoma growth and metastasis by JC polyomavirus-like particles packaged with an SP-B promoter-driven CD59-specific shRNA. <i>Clinical Science</i> , 2019, 133, 2159-2169.	4.3	9
3713	Comparative genomic analysis of non-coding sequences and the application of RNA interference tools for bovine functional genomics. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 995.	1.0	1
3714	Chicken functional genomics: an overview. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 749.	1.0	6

#	ARTICLE	IF	CITATIONS
3716	Influence of the loop size and nucleotide composition on AgoshRNA biogenesis and activity. RNA Biology, 2017, 14, 1559-1569.	3.1	14
3717	One Hundred Years of Mouse Genetics: An Intellectual History. II. The Molecular Revolution (1981-2002). Genetics, 2003, 163, 1227-1235.	2.9	80
3718	The contribution of SP100 to cottontail rabbit papillomavirus transcription and replication. Journal of General Virology, 2018, 99, 344-354.	2.9	3
3721	The ubiquitin specific protease 4 (USP4) is a new player in the Wnt signalling pathway. Journal of Cellular and Molecular Medicine, 2009, 13, 1886-1895.	3.6	48
3723	Stable expression of small interfering RNA sensitizes TEL-PDGFR to inhibition with imatinib or rapamycin. Journal of Clinical Investigation, 2004, 113, 1784-1791.	8.2	50
3724	Synaptopodin regulates the actin-bundling activity of $\beta$ -actinin in an isoform-specific manner. Journal of Clinical Investigation, 2005, 115, 1188-1198.	8.2	249
3725	Synaptopodin regulates the actin-bundling activity of $\beta$ -actinin in an isoform-specific manner. Journal of Clinical Investigation, 2005, 115, 1188-1198.	8.2	184
3726	Lentivector-mediated RNAi efficiently suppresses prion protein and prolongs survival of scrapie-infected mice. Journal of Clinical Investigation, 2006, 116, 3204-3210.	8.2	125
3727	The receptor tyrosine kinase EphA2 promotes mammary adenocarcinoma tumorigenesis and metastatic progression in mice by amplifying ErbB2 signaling. Journal of Clinical Investigation, 2008, 118, 64-78.	8.2	235
3728	Genetic and epigenetic silencing of SCARA5 may contribute to human hepatocellular carcinoma by activating FAK signaling. Journal of Clinical Investigation, 2010, 120, 223-241.	8.2	112
3729	Cytosolic p120-catenin regulates growth of metastatic lobular carcinoma through Rock1-mediated anoikis resistance. Journal of Clinical Investigation, 2011, 121, 3176-3188.	8.2	113
3730	COQ6 mutations in human patients produce nephrotic syndrome with sensorineural deafness. Journal of Clinical Investigation, 2011, 121, 2013-2024.	8.2	343
3731	MMP9 inhibition increases erythropoiesis in RPS14-deficient del(5q) MDS models through suppression of TGF- $\beta$ pathways. Blood Advances, 2019, 3, 2751-2763.	5.2	15
3732	MicroRNA-Based RNA Polymerase II Expression Vectors for RNA Interference in Mammalian Cells. , 2009, , 301-315.		1
3733	Uniqueness, Advantages, Challenges, Solutions, and Perspectives in Therapeutics Applying RNA Nanotechnology. , 2013, , 23-56.		1
3734	A lentiviral system for efficient knockdown of proteins in neuronal cultures. MNI Open Research, 2017, 1, 2.	1.0	13
3735	Basic and Clinical Studies on Functional RNA Molecules for Advanced Medical Technologies. Journal of Nippon Medical School, 2010, 77, 71-79.	0.9	6
3736	Modifiers of mutant huntingtin aggregationfunctional conservation of C. elegans-modifiers of polyglutamine aggregation. PLOS Currents, 2011, 3, RRN1255.	1.4	20

#	ARTICLE	IF	CITATIONS
3737	The Chemokine Receptor CXCR4 Strongly Promotes Neuroblastoma Primary Tumour and Metastatic Growth, but not Invasion. PLoS ONE, 2007, 2, e1016.	2.5	52
3738	Macrophage Migration Inhibitory Factor Activates Hypoxia-Inducible Factor in a p53-Dependent Manner. PLoS ONE, 2008, 3, e2215.	2.5	96
3739	Preventing Mitochondrial Fission Impairs Mitochondrial Function and Leads to Loss of Mitochondrial DNA. PLoS ONE, 2008, 3, e3257.	2.5	363
3740	A Point Mutation in Translation Initiation Factor 2B Leads to a Continuous Hyper Stress State in Oligodendroglial-Derived Cells. PLoS ONE, 2008, 3, e3783.	2.5	36
3741	RNA Modulators of Complex Phenotypes in Mammalian Cells. PLoS ONE, 2009, 4, e4758.	2.5	5
3742	Wnt Signaling Is Regulated by Endoplasmic Reticulum Retention. PLoS ONE, 2009, 4, e6191.	2.5	45
3743	Tiam1 as a Signaling Mediator of Nerve Growth Factor-Dependent Neurite Outgrowth. PLoS ONE, 2010, 5, e9647.	2.5	30
3744	Degradation of Postsynaptic Scaffold GKAP and Regulation of Dendritic Spine Morphology by the TRIM3 Ubiquitin Ligase in Rat Hippocampal Neurons. PLoS ONE, 2010, 5, e9842.	2.5	90
3745	Optimization of Duplex Stability and Terminal Asymmetry for shRNA Design. PLoS ONE, 2010, 5, e10180.	2.5	36
3746	Skin Cornification Proteins Provide Global Link between ROS Detoxification and Cell Migration during Wound Healing. PLoS ONE, 2010, 5, e11957.	2.5	77
3747	Selection of Potent Non-Toxic Inhibitory Sequences from a Randomized HIV-1 Specific Lentiviral Short Hairpin RNA Library. PLoS ONE, 2010, 5, e13172.	2.5	5
3748	Circular Single-Stranded Synthetic DNA Delivery Vectors for MicroRNA. PLoS ONE, 2011, 6, e16925.	2.5	22
3749	Expression of Multiple Artificial MicroRNAs from a Chicken miRNA126-Based Lentiviral Vector. PLoS ONE, 2011, 6, e22437.	2.5	22
3750	Transcription of Muscle Actin Genes by a Nuclear Form of Mitochondrial RNA Polymerase. PLoS ONE, 2011, 6, e22583.	2.5	6
3751	In Vivo Gene Knockdown in Rat Dorsal Root Ganglia Mediated by Self-Complementary Adeno-Associated Virus Serotype 5 Following Intrathecal Delivery. PLoS ONE, 2012, 7, e32581.	2.5	33
3752	Critical Role of an Antiviral Stress Granule Containing RIG-I and PKR in Viral Detection and Innate Immunity. PLoS ONE, 2012, 7, e43031.	2.5	294
3753	Functional Selection of shRNA Loops from Randomized Retroviral Libraries. PLoS ONE, 2012, 7, e43095.	2.5	11
3754	Green Tea Polyphenols Induce p53-Dependent and p53-Independent Apoptosis in Prostate Cancer Cells through Two Distinct Mechanisms. PLoS ONE, 2012, 7, e52572.	2.5	45

#	ARTICLE	IF	CITATIONS
3755	The Junctional Proteins Cingulin and Paracingulin Modulate the Expression of Tight Junction Protein Genes through GATA-4. PLoS ONE, 2013, 8, e55873.	2.5	24
3756	A Simple and Robust Vector-Based shRNA Expression System Used for RNA Interference. PLoS ONE, 2013, 8, e56110.	2.5	11
3757	The Immediate Early Gene Product EGR1 and Polycomb Group Proteins Interact in Epigenetic Programming during Chondrogenesis. PLoS ONE, 2013, 8, e58083.	2.5	37
3758	The Anti-Melanoma Activity of Dinaciclib, a Cyclin-Dependent Kinase Inhibitor, Is Dependent on p53 Signaling. PLoS ONE, 2013, 8, e59588.	2.5	58
3759	Identification of C/EBP $\beta$ Target Genes in ALK+ Anaplastic Large Cell Lymphoma (ALCL) by Gene Expression Profiling and Chromatin Immunoprecipitation. PLoS ONE, 2013, 8, e64544.	2.5	28
3760	Production of Cloned Pigs with Targeted Attenuation of Gene Expression. PLoS ONE, 2013, 8, e64613.	2.5	11
3761	Fibroblast Growth Factor 2 Causes G2/M Cell Cycle Arrest in Ras-Driven Tumor Cells through a Src-Dependent Pathway. PLoS ONE, 2013, 8, e72582.	2.5	25
3762	A Modular Lentiviral and Retroviral Construction System to Rapidly Generate Vectors for Gene Expression and Gene Knockdown In Vitro and In Vivo. PLoS ONE, 2013, 8, e76279.	2.5	13
3763	CD43 Promotes Cells Transformation by Preventing Merlin-Mediated Contact Inhibition of Growth. PLoS ONE, 2013, 8, e80806.	2.5	15
3764	Activity-Dependent Dendritic Spine Shrinkage and Growth Involve Downregulation of Cofilin via Distinct Mechanisms. PLoS ONE, 2014, 9, e94787.	2.5	59
3765	Modulating Drug Resistance by Targeting BCRP/ABCG2 Using Retrovirus-Mediated RNA Interference. PLoS ONE, 2014, 9, e103463.	2.5	20
3766	Activin B Antagonizes RhoA Signaling to Stimulate Mesenchymal Morphology and Invasiveness of Clear Cell Renal Cell Carcinomas. PLoS ONE, 2014, 9, e111276.	2.5	13
3767	Genetic Analysis of Loop Sequences in the Let-7 Gene Family Reveal a Relationship between Loop Evolution and Multiple IsomiRs. PLoS ONE, 2014, 9, e113042.	2.5	6
3768	Human DNA Helicase B Functions in Cellular Homologous Recombination and Stimulates Rad51-Mediated 5' to 3' Heteroduplex Extension In Vitro. PLoS ONE, 2015, 10, e0116852.	2.5	9
3769	ING5 Is Phosphorylated by CDK2 and Controls Cell Proliferation Independently of p53. PLoS ONE, 2015, 10, e0123736.	2.5	20
3770	Cleavage of Hyaluronan and CD44 Adhesion Molecule Regulate Astrocyte Morphology via Rac1 Signalling. PLoS ONE, 2016, 11, e0155053.	2.5	41
3771	Analysis of AgoshRNA maturation and loading into Ago2. PLoS ONE, 2017, 12, e0183269.	2.5	13
3772	PARP10 (ARTD10) modulates mitochondrial function. PLoS ONE, 2018, 13, e0187789.	2.5	40

#	ARTICLE	IF	CITATIONS
3773	Treatment of Influenza: Prospects of Post-Transcriptional Gene Silencing Through Synthetic siRNAs. Exploratory Research and Hypothesis in Medicine, 2017, 2, 1-2.	0.4	4
3774	Proteasomal-Mediated Degradation of AKAP150 Accompanies AMPAR Endocytosis during cLTD. ENeuro, 2020, 7, ENEURO.0218-19.2020.	1.9	8
3775	FOXL2 antagonises the male developmental pathway in embryonic chicken gonads. Journal of Endocrinology, 2019, 243, 211-228.	2.6	32
3776	Progress with schistosome transgenesis. Memorias Do Instituto Oswaldo Cruz, 2011, 106, 785-793.	1.6	6
3777	siRNA: A Potential Tool for Future Breast Cancer Therapy?. Critical Reviews in Oncogenesis, 2006, 12, 127-150.	0.4	19
3778	Gene Modulation for Treating Liver Fibrosis. Critical Reviews in Therapeutic Drug Carrier Systems, 2007, 24, 93-146.	2.2	41
3779	Combination of small interfering RNAs mediates greater inhibition of human hepatitis B virus replication and antigen expression. Journal of Zhejiang University Science B, 2005, 6B, 236-241.	0.4	15
3780	Targeting BACE with small inhibitory nucleic acids - a future for Alzheimer's disease therapy?. Acta Biochimica Polonica, 2019, 51, 431-444.	0.5	33
3781	Reversal of drug resistance by silencing Survivin gene expression in acute myeloid leukemia cells.. Acta Biochimica Polonica, 2008, 55, 673-680.	0.5	7
3782	Current and Emerging Themes in the Structural Analysis of Viral RNA Genomes: Applications for the Development of Novel Therapeutic Drugs. Genomics and Computational Biology, 2015, 1, 15.	0.7	2
3783	The relative contributions of the p53 and pRb pathways in oncogene-induced melanocyte senescence. Aging, 2009, 1, 542-556.	3.1	70
3784	Inhibition of RNA polymerase I transcription initiation by CX-5461 activates non-canonical ATM/ATR signaling. Oncotarget, 2016, 7, 49800-49818.	1.8	93
3785	p53 elevation in human cells halt SV40 infection by inhibiting T-ag expression. Oncotarget, 2016, 7, 52643-52660.	1.8	11
3786	HMGA1 promotes metastatic processes in basal-like breast cancer regulating EMT and stemness. Oncotarget, 2013, 4, 1293-1308.	1.8	145
3787	A novel lncRNA, GASL1, inhibits cell proliferation and restricts E2F1 activity. Oncotarget, 2017, 8, 23775-23786.	1.8	30
3788	The Polycomb group protein RING1B is overexpressed in ductal breast carcinoma and is required to sustain FAK steady state levels in breast cancer epithelial cells. Oncotarget, 2014, 5, 2065-2076.	1.8	25
3789	USP21 regulates Hippo pathway activity by mediating MARK protein turnover. Oncotarget, 2017, 8, 64095-64105.	1.8	18
3790	Multidrug resistance protein 4/ ATP binding cassette transporter 4: a new potential therapeutic target for acute myeloid leukemia. Oncotarget, 2014, 5, 9308-9321.	1.8	29

#	ARTICLE	IF	CITATIONS
3791	The decrease of glycolytic enzyme hexokinase 1 accelerates tumor malignancy via deregulating energy metabolism but sensitizes cancer cells to 2-deoxyglucose inhibition. <i>Oncotarget</i> , 2018, 9, 18949-18969.	1.8	23
3792	Targeting the spliceosome for cutaneous squamous cell carcinoma therapy: a role for c-MYC and wild-type p53 in determining the degree of tumour selectivity. <i>Oncotarget</i> , 2018, 9, 23029-23046.	1.8	18
3793	p53 amplifies Toll-like receptor 5 response in human primary and cancer cells through interaction with multiple signal transduction pathways. <i>Oncotarget</i> , 2015, 6, 16963-16980.	1.8	21
3794	The 5' untranslated region of p16INK4a melanoma tumor suppressor acts as a cellular IRES, controlling mRNA translation under hypoxia through YBX1 binding. <i>Oncotarget</i> , 2015, 6, 39980-39994.	1.8	17
3795	Efficient suppression of secretory clusterin levels by polymer-siRNA nanocomplexes enhances ionizing radiation lethality in human MCF-7 breast cancer cells in vitro. <i>International Journal of Nanomedicine</i> , 2006, 1, 155-162.	6.7	44
3796	Nanocarrier Mediated siRNA Delivery Targeting Stem Cell Differentiation. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 155-172.	1.3	9
3797	Current Status of siRNA Delivery Technology and siRNA Drug Development. <i>Open Drug Delivery Journal</i> , 2007, 1, 20-27.	2.0	10
3798	The KLF6 Super Enhancer Modulates Cell Proliferation via MiR-1301 in Human Hepatoma Cells. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2019, 9, 64-69.	1.2	9
3799	Ad-shWnt2b Vector Therapy Demonstrates Antitumor Activity in Orthotopic Intrapleural Models as Monitored with the In Vitro Imaging System (IVIS). <i>Anticancer Research</i> , 2016, 36, 5887-5894.	1.1	10
3801	Overexpression of the Wnt in Non-Small Cell Lung Cancer. <i>Japanese Journal of Lung Cancer</i> , 2009, 49, 422-426.	0.1	1
3802	MicroRNAs in skeletogenesis. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 2757.	3.0	14
3804	Current and Promising Antivirals Against Chikungunya Virus. <i>Frontiers in Public Health</i> , 2020, 8, 618624.	2.7	25
3805	Myostatin Gene Knockdown by Myostatin-specific Short Interfering Hairpin RNAs Increases MyoD Expression in C2C12 Myoblasts*. <i>Progress in Biochemistry and Biophysics</i> , 2010, 37, 451-459.	0.3	6
3806	RNAi Targeting of CCR2 Gene Expression Induces Apoptosis and Inhibits the Proliferation, Migration, and Invasion of PC-3M Cells. <i>Oncology Research</i> , 2014, 21, 73-82.	1.5	7
3807	Combination of small interfering RNAs mediates greater suppression on hepatitis B virus cccDNA in HepG2.2.15 cells. <i>World Journal of Gastroenterology</i> , 2008, 14, 3849.	3.3	8
3808	Effect of vector-expressed siRNA on HBV replication in hepatoblastoma cells. <i>World Journal of Gastroenterology</i> , 2004, 10, 1898.	3.3	6
3809	Inhibition of human La protein by RNA interference downregulates hepatitis B virus mRNA in 2.2.15 cells. <i>World Journal of Gastroenterology</i> , 2004, 10, 2050.	3.3	19
3810	Polymerase synthesis and potential interference of a small-interfering RNA targeting hPim-2. <i>World Journal of Gastroenterology</i> , 2004, 10, 2657.	3.3	1



#	ARTICLE	IF	CITATIONS
3811	siRNA-mediated inhibition of HBV replication and expression. World Journal of Gastroenterology, 2004, 10, 2967.	3.3	26
3812	Herpes simplex virus thymidine kinase and ganciclovir suicide gene therapy for human pancreatic cancer. World Journal of Gastroenterology, 2004, 10, 400.	3.3	55
3813	Effective siRNA targets screening for human telomerase reverse transcriptase. World Journal of Gastroenterology, 2005, 11, 2497.	3.3	7
3814	Reversing multidrug resistance by RNA interference through the suppression of MDR1 gene in human hepatoma cells. World Journal of Gastroenterology, 2006, 12, 3332.	3.3	21
3815	Combination of small interfering RNA and lamivudine on inhibition of human B virus replication in HepG2.2.15 cells. World Journal of Gastroenterology, 2007, 13, 2324.	3.3	16
3816	RNA interference-mediated gene silencing of vascular endothelial growth factor in colon cancer cells. World Journal of Gastroenterology, 2007, 13, 5312.	3.3	4
3817	Enhancing Cellulase Production in Thermophilic Fungus Myceliophthora thermophila ATCC42464 by RNA Interference of cre1 Gene Expression. Journal of Microbiology and Biotechnology, 2015, 25, 1101-1107.	2.1	31
3818	Transcriptional Regulation of Hepatic Stellate Cell Activation by siRNA for TGF- $\beta$ 1. Korean Journal of Pathology, 2009, 43, 503.	1.3	1
3819	Use of RNA interference technology for cancer specific gene silencing. Annals of Cancer Research and Therapy, 2005, 13, 23-25.	0.3	3
3820	Inhibition of N-Myc down regulated gene 1 in vitro cultured human glioblastoma cells. World Journal of Clinical Oncology, 2012, 3, 104.	2.3	2
3821	Quantitative Analysis of Nucleic Acids - the Last Few Years of Progress. BMB Reports, 2004, 37, 1-10.	2.4	90
3822	Functional Genomics Approach Using Mice. BMB Reports, 2004, 37, 122-132.	2.4	10
3823	A Simple and Economical Short-oligonucleotide-based Approach to shRNA Generation. BMB Reports, 2006, 39, 329-334.	2.4	10
3824	Knockdown of SMYD3 by RNA interference inhibits cervical carcinoma cell growth and invasion in vitro. BMB Reports, 2008, 41, 294-299.	2.4	54
3825	DOBI is cleaved by caspases during TRAIL-induced apoptotic cell death. BMB Reports, 2009, 42, 511-515.	2.4	11
3826	Selection of RNAi-based inhibitors for anti-HIV gene therapy. World Journal of Virology, 2012, 1, 79.	2.9	16
3827	Animal models of melanoma: a somatic cell gene delivery mouse model allows rapid evaluation of genes implicated in human melanoma. Chinese Journal of Cancer, 2011, 30, 153-162.	4.9	26
3828	RNA Interference-Based Therapeutics: Harnessing the Powers of Nature. , 0, , .		2

#	ARTICLE	IF	CITATIONS
3829	Phenomenal RNA Interference: From Mechanism to Application. , 0, , .		2
3830	hTERT-siRNA Could Potentiate the Cytotoxic Effect of Gemcitabine to Pancreatic Cancer Cells Bxpc-3. Experimental and Clinical Transplantation, 2012, 10, 386-393.	0.5	2
3831	Design of potential siRNA molecules for hepatitis delta virus gene silencing. Bioinformation, 2012, 8, 749-757.	0.5	20
3832	RNAi-based conditional gene knockdown in mice using a U6 promoter driven vector. International Journal of Biological Sciences, 2007, 3, 91-99.	6.4	18
3833	RNA Interference as a Plausible Anticancer Therapeutic Tool. Asian Pacific Journal of Cancer Prevention, 2012, 13, 2445-2452.	1.2	20
3834	Knockdown of HMG5 Expression by RNA Interference Induces Cell Cycle Arrest in Human Lung Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2012, 13, 3223-3228.	1.2	7
3835	Impact of Co-transfection with Livin and Survivin shRNA Expression Vectors on Biological Behavior of HepG2 Cells. Asian Pacific Journal of Cancer Prevention, 2013, 14, 5467-5472.	1.2	4
3836	Inhibition of c-FLIP by RNAi Enhances Sensitivity of the Human Osteogenic Sarcoma Cell Line U2OS to TRAILInduced Apoptosis. Asian Pacific Journal of Cancer Prevention, 2015, 16, 2251-2256.	1.2	23
3837	Transglutaminase 2 contributes to a TP53-induced autophagy program to prevent oncogenic transformation. ELife, 2016, 5, e07101.	6.0	19
3838	Sequential phosphorylation of NDEL1 by the DYRK2-GSK3 $\beta$ complex is critical for neuronal morphogenesis. ELife, 2019, 8, .	6.0	24
3839	Regulation of 3-O-Sulfation of Heparan Sulfate During Transition from the Na <sup>+</sup> -ve to the Primed State in Mouse Embryonic Stem Cells. Methods in Molecular Biology, 2022, 2303, 443-452.	0.9	1
3840	Loss of TDP-43 function underlies hippocampal and cortical synaptic deficits in TDP-43 proteinopathies. Molecular Psychiatry, 2023, 28, 931-945.	7.9	24
3841	Genetic Manipulation of Human Embryonic Stem Cells. , 2003, , 265-284.		1
3845	Cancer Gene Suppression Strategies: Issues and Potential. Current Issues in Molecular Biology, 2004, , .	2.4	1
3846	Hepatocyte Transplantation and Liver-Directed Gene Therapy. , 2004, , 340-360.		0
3847	Genetic Manipulation of Human Embryonic Stem Cells. , 2004, , 543-550.		0
3848	Gene Silencing by RNA Interference and the Role of Small Interfering RNAs. , 2004, , .		0
3849	siRNA Production by In Vitro Transcription. , 2004, , .		0

#	ARTICLE	IF	CITATIONS
3850	RNAi in Transgenic Animal Models. , 2004, , .		0
3851	Basics of siRNA Design and Chemical Synthesis. , 2004, , .		0
3853	Gene transfer in leukemia and related disorders. , 2004, , 406-422.		0
3854	RNA Interference: Targeted Gene Silencing. , 2005, , 601-619.		0
3855	Designing siRNA that distinguish between genes that differ by a single nucleotide. PLoS Genetics, 2005, preprint, e140.	3.5	0
3856	Impact of the Human Genome Project on Neonatal Care. , 2005, , 171-185.		0
3859	RNAi-Mediated Gene Silencing in Mammalian Cells. , 2006, , 511-522.		0
3860	Use of Viral Vectors to Influence Behavior. , 2006, , 195-205.		1
3861	Design and Production of Human Immunodeficiency Virus-Derived Vectors. , 2006, , 425-434.		1
3863	RNAi and Applications in Neurobiology. , 2006, , 193-220.		0
3864	RNAi and Applications in Neurobiology. Frontiers in Neuroscience, 2006, , 177-203.	0.0	0
3865	Genomic and Post- Genomic Tools for Studying Synapse Biology. Frontiers in Neuroscience, 2006, , 279-306.	0.0	0
3866	Rapid Construction of Small Interfering RNA-Expressing Adenoviral Vectors on the Basis of Direct Cloning of Short Hairpin RNA-Coding DNAs. Human Gene Therapy, 2006, .	2.7	0
3867	Extraembryonic Cell Differentiation. Human Cell Culture, 2007, , 173-188.	0.1	0
3868	Small Interfering Ribonucleic Acids. , 2007, , 171-187.		1
3870	Targeting Viral Heart Disease by RNA Interference. , 2008, , 89-107.		0
3871	Manipulation of the Mouse Genome: Studying Renal Function and Disease. , 2008, , 3-13.		0
3872	Design of siRNAs and shRNAs for RNA Interference: Possible Clinical Applications. , 2008, , 109-130.		0

#	ARTICLE	IF	CITATIONS
3873	A Multicolor Panel of Novel Lentiviral "Gene Ontology" (LeGO) Vectors for Functional Gene Analysis. Molecular Therapy, 0, , .	8.2	1
3874	miRNA Transgene Technology. , 2009, , 111-126.		0
3875	The use of hormonal therapy in pediatric heart disease. Frontiers in Bioscience - Elite, 2009, 1, 358.	1.8	3
3876	Expression of MT1E during the formation of hepatocellular carcinoma and its function in hepatocarcinoma cells. World Chinese Journal of Digestology, 2009, 17, 1707.	0.1	0
3877	Nanosystems for the Delivery of RNAi. , 2009, , 197-220.		0
3878	RNA Interference-Based Therapies Against Brain Tumors: Potential Clinical Strategies. , 2009, , 297-325.		0
3879	Comprehensive Analysis of Gene Function: RNA interference and Chemical Genomics. , 2009, , 193-203.		0
3880	Synthetic Canonical miRNA Technology. , 2009, , 75-91.		0
3881	Viral Vectors for in Vivo Gene Transfer. , 2009, , 1069-1096.		0
3882	Animal microRNA Gene Prediction. , 2009, , 21-43.		0
3883	Downregulation of Reproductive Homeobox Gene 6 (Rhox6) Interferes with Male Germ Cell Differentiation.. Biology of Reproduction, 2009, 81, 657-657.	2.7	3
3884	Oligonucleotides as Recognition and Catalytic Elements. , 2010, , 631-674.		0
3885	Role of RNA Interference in Understanding the Molecular Basis of Cancer. , 2010, , 4-20.		0
3886	Resistance to BmNPV of Transformation Cells Expressing Short <math>\text{dsRNA}^*. Progress in Biochemistry and Biophysics, 2009, 36, 1356-1363.	0.3	0
3887	The DNA damage sensors ataxia-telangiectasia mutated kinase and checkpoint kinase 2 are required for hepatitis C virus RNA replication. Okayama Igakkai Zasshi, 2010, 122, 9-16.	0.0	0
3888	RNA Secondary Structure Prediction and Gene Regulation by Small RNAs. Computational Biology, 2010, , 19-37.	0.2	1
3889	Molecular Techniques in Surgical Research. , 2010, , 951-974.		0
3890	CABYR RNAi plasmid construction and NF- $\kappa$ B signal transduction pathway. World Journal of Gastroenterology, 2010, 16, 4980.	3.3	0

#	ARTICLE	IF	CITATIONS
3892	High-Level Expression of Mastermind-Like 2 (MAML2) Contributes to Aberrant Activation of the NOTCH Signaling Pathway In Human Lymphomas. Blood, 2010, 116, 2685-2685.	1.4	0
3893	Cell-Based Microarrays of Infectious Adenovirus Encoding Short Hairpin RNA (shRNA). Methods in Molecular Biology, 2011, 706, 97-106.	0.9	1
3894	RNAi-based Approaches to the Treatment of Brain Tumors. , 2011, , 533-549.		0
3895	Designing Hairpin-Based RNAi Shuttles. Neuromethods, 2011, , 1-18.	0.3	0
3896	Response of callus of <i>Alternanthera philoxeroides</i> to Pb<sup>2+</sup> stress. Hupo Kexue/Journal of Lake Sciences, 2011, 23, 281-286.	0.8	0
3897	Moderne Techniken in der angewandten Zellkultur. , 2011, , 223-246.		0
3898	Molecular Analysis in Mechanobiology. , 2011, , 45-72.		0
3899	Acute RNA Interference for Basic Research and Therapy. , 2011, , 1-16.		0
3904	Characterization and vectorization of siRNA targeting RET/PTC1 in human papillary thyroid carcinoma cells. Biopolymers and Cell, 2011, 27, 390-393.	0.4	1
3905	Renaissance of the Regulatory RNAs. , 2012, , 3-22.		0
3906	Tamoxifen Resistant Breast Cancer and Autophagy. , 0, , .		0
3907	Targeting Neurological Disease with siRNA. Neuromethods, 2012, , 97-111.	0.3	0
3909	Gene Silencing in Mouse Embryonic Stem Cells. Methods in Molecular Biology, 2012, 836, 53-61.	0.9	0
3911	RNAi-Based Gene Expression Strategies to Combat HIV. , 0, , .		0
3912	Genetisch verÄnderte Tiere. , 2012, , 149-167.		0
3913	Design of Synthetic shRNAs for Targeting Hepatitis C: A New Approach to Antiviral Therapeutics. , 2012, , 453-473.		0
3914	Producing PPARgamma2 Knockdown in Mouse Liver. Methods in Molecular Biology, 2013, 952, 99-116.	0.9	0
3915	Inhibition of Feline Leukemia Virus Replication in Chronically Infected Cell Line Utilizing RNA Interference. Retrovirology: Research and Treatment, 0, , 13.	1.0	0

#	ARTICLE	IF	CITATIONS
3916	siRNA targeting using injectable nano-based delivery systems. , 2012, , 86-108.		0
3917	RNA. , 2013, , 115-131.		0
3919	Construction of a Novel Single Double-Conditional shRNA Expression Vector. The Showa University Journal of Medical Sciences, 2013, 25, 19-27.	0.1	1
3920	Host Gene Expression and Respiratory Syncytial Virus Infection. Current Topics in Microbiology and Immunology, 2013, 372, 193-209.	1.1	8
3922	Nano-encapsulation of Oligonucleotides for Therapeutic Use. Nucleic Acids and Molecular Biology, 2014, , 245-260.	0.2	0
3923	Assessing Causal Relationships in Genomics: From Bradford-Hill Criteria to Complex Gene-Environment Interactions and Directed Acyclic Graphs. , 2013, , 113-140.		0
3924	Specific silencing of leukemic oncogenes using RNA-interference approach. Ukrainian Biochemical Journal, 2013, 85, 144-150.	0.5	0
3925	Review of siRNA/shRNA Applications in Cell-Based Microarrays. , 2014, , 17-31.		1
3926	RNA Interference as a Tool to Selectively Down-Modulate Protein Function. Neuromethods, 2014, , 177-194.	0.3	0
3927	Multiple Renal Cyst Development but Not Situs Abnormalities in Transgenic RNAi Mice against Inv::GFP Rescue Gene. PLoS ONE, 2014, 9, e89652.	2.5	0
3928	Cell Biology: an Overview. , 0, , 63-86.		0
3929	Rol biolÃ³gico y aplicaciones de los miRNAs en cÃ¡ncer de seno. Revista Colombiana De BiotecnologÃ­a, 2014, 16, 188.	0.2	0
3930	One Long Oligonucleotide or Two Short Oligonucleotides Based shRNA Construction and Expression. Methods in Molecular Biology, 2015, 1218, 37-41.	0.9	0
3931	Small RNAs and Regulation of Gene Expression in Entamoeba histolytica. , 2015, , 137-149.		0
3932	Copy Number Changes in Carcinomas: Applications. , 2015, , 95-104.		0
3933	shRNA inhibits the expression of chicken telomerase reverse transcriptase in MDCC-MSB1 cells. Genetics and Molecular Research, 2016, 15, .	0.2	1
3934	Yeast Phenomicsâ€”Large-scale Mapping of the Genetic Basis for Organismal Traits. , 2016, , 182-217.		1
3935	Methods to Assess the Role of Poly(ADP-Ribose) Polymerases in Regulating Mitochondrial Oxidation. Methods in Molecular Biology, 2017, 1608, 185-200.	0.9	3

#	ARTICLE	IF	CITATIONS
3939	RNAi Mediated Transgenesis for Improving Animal Produce. Asian Journal of Animal and Veterinary Advances, 2017, 12, 123-131.	0.0	0
3942	Construction of an All-in-one Double-conditional shRNA Expression Vector. The Showa University Journal of Medical Sciences, 2019, 31, 41-50.	0.1	0
3943	RNA Interference Technology. , 2019, , 560-575.		18
3947	Global Identification of Human Exosome Substrates Using RNA Interference and RNA Sequencing. Methods in Molecular Biology, 2020, 2062, 127-145.	0.9	0
3952	The Klf6-related super enhancer regulates Klf6-SV2 expression mediated proliferation in human hepatoma (HepG2) cells. Beni-Suef University Journal of Basic and Applied Sciences, 2019, 8, .	2.0	1
3953	Moderne Techniken in der angewandten Zellkultur. Der Experimentator, 2020, , 311-351.	0.0	0
3954	Design and Evaluation of AgoshRNAs with 3'â€²-Terminal HDV Ribozymes to Enhance the Silencing Activity. Methods in Molecular Biology, 2021, 2167, 225-252.	0.9	1
3955	Retroviral Vector-Mediated Gene Transfer into the Chick Optic Vesicle by In Ovo Electroporation. , 2009, , 105-116.		0
3956	Gene Silencing through RNA Interference. , 2006, , 252-264.		0
3957	Major vault protein forms complexes with hypoxia-inducible factor (HIF)-1 $\alpha$ and reduces HIF-1 $\alpha$ level in ACHN human renal adenocarcinoma cells. Cancer Science, 2010, 101, 920-926.	3.9	0
3958	Apoptosis Control Based on Down-Regulating the Inhibitor-of-Apoptosis (IAP) Proteins: Xiap Antisense and Other Approaches. , 2004, , 239-280.		0
3962	Engineered Ribozymes: Efficient Tools for Molecular Gene Therapy and Gene Discovery. , 2006, , 497-518.		0
3963	Stable expression of small interfering RNA sensitizes TEL-PDGFR to inhibition with imatinib or rapamycin. Journal of Clinical Investigation, 2004, 113, 1784-1791.	8.2	30
3965	RNAi Technology: a Tool for Functional Validation of Novel Genes. , 2007, , 133-144.		1
3966	RNA interference and nonviral targeted gene therapy of experimental brain cancer. Neurotherapeutics, 2005, 2, 139-150.	4.4	0
3970	Suppression of keratoepithelin and myocilin by small interfering RNA (an American Ophthalmological) Tj ETQq1 1 0,784314 rgBT /Overlo	1.4	2
3971	Simple modifications of the standard DNA sequencing protocol allow for sequencing through siRNA hairpins and other repeats. Journal of Biomolecular Techniques, 2005, 16, 220-3.	1.5	8
3972	Fundamentals of sequencing of difficult templates--an overview. Journal of Biomolecular Techniques, 2006, 17, 207-17.	1.5	58



#	ARTICLE	IF	CITATIONS
3973	Vector-based siRNA delivery strategies for high-throughput screening of novel target genes. <i>Journal of Rnai and Gene Silencing</i> , 2005, 1, 5-11.	1.2	4
3974	Design and application of a versatile expression vector for RNAi in mammalian cells. <i>Journal of Rnai and Gene Silencing</i> , 2005, 1, 38-43.	1.2	3
3975	A novel approach for inhibition of HIV-1 by RNA interference: counteracting viral escape with a second generation of siRNAs. <i>Journal of Rnai and Gene Silencing</i> , 2005, 1, 56-65.	1.2	27
3976	Frog Prince transposon-based RNAi vectors mediate efficient gene knockdown in human cells. <i>Journal of Rnai and Gene Silencing</i> , 2005, 1, 97-104.	1.2	8
3977	RNAi and cancer: Implications and applications. <i>Journal of Rnai and Gene Silencing</i> , 2006, 2, 136-45.	1.2	11
3978	A strategy for constructing and verifying short hairpin RNA expression vectors. <i>Journal of Rnai and Gene Silencing</i> , 2007, 3, 248-53.	1.2	0
3979	A novel expression system for artificial miRNAs containing no endogenous miRNA precursor sequences. <i>Journal of Rnai and Gene Silencing</i> , 2007, 3, 237-47.	1.2	3
3980	Native microRNA loop sequences can improve short hairpin RNA processing for virus gene silencing in animal cells. <i>Journal of Rnai and Gene Silencing</i> , 2008, 4, 295-301.	1.2	7
3985	siRNA-based topical microbicides targeting sexually transmitted infections. <i>Current Opinion in Molecular Therapeutics</i> , 2010, 12, 192-202.	2.8	7
3986	A Comparison of Target Gene Silencing using Synthetically Modified siRNA and shRNA That Express Recombinant Lentiviral Vectors. <i>Acta Naturae</i> , 2009, 1, 86-90.	1.7	3
3987	Cell targeting in anti-cancer gene therapy. <i>The Malaysian Journal of Medical Sciences</i> , 2004, 11, 9-23.	0.5	0
3988	Knockdown of AMP-activated protein kinase alpha 1 and alpha 2 catalytic subunits. <i>Journal of Rnai and Gene Silencing</i> , 2012, 8, 470-8.	1.2	12
3990	shRNA-mediated Slc38a1 silencing inhibits migration, but not invasiveness of human pancreatic cancer cells. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2013, 25, 514-9.	2.2	7
3991	Bcr-abl silencing by specific small-interference RNA expression vector as a potential treatment for chronic myeloid leukemia. <i>Iranian Biomedical Journal</i> , 2010, 14, 1-8.	0.7	4
3992	A novel recombinant papillomavirus genome enabling in vivo RNA interference reveals that YB-1, which interacts with the viral regulatory protein E2, is required for CRPV-induced tumor formation in vivo. <i>American Journal of Cancer Research</i> , 2014, 4, 222-33.	1.4	6
3993	Inhibition of proteasome activity by bortezomib in renal cancer cells is p53 dependent and VHL independent. <i>Anticancer Research</i> , 2009, 29, 2961-9.	1.1	22
3994	Influence of RNA interference on the mitochondrial subcellular localization of alpha-synuclein and on the formation of Lewy body-like inclusions in the cytoplasm of human embryonic kidney 293 cells induced by the overexpression of alpha-synuclein. <i>Neural Regeneration Research</i> , 2012, 7, 85-90.	3.0	1
3996	Attenuation of EGFL7 inhibits human laryngocarcinoma cells growth and invasion. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 3141-55.	1.3	7

#	ARTICLE	IF	CITATIONS
3998	Silencing the NR2B gene in rat ACC neurons by lentivirus-delivered shRNA alleviates pain-related aversion. International Journal of Clinical and Experimental Medicine, 2015, 8, 6725-34.	1.3	2
3999	Effect of shRNA targeted against RhoA on proliferation and migration of human colonic cancer cells. International Journal of Clinical and Experimental Pathology, 2015, 8, 7040-4.	0.5	3
4000	HIF-1 $\alpha$ siRNA reduces retinal neovascularization in a mouse model of retinopathy of prematurity. Translational Pediatrics, 2013, 2, 14-20.	1.2	1
4001	Molecular Mechanisms and Biological Functions of siRNA. International Journal of Biomedical Science, 2017, 13, 48-57.	0.1	74
4002	Emerging roles of lncRNA in cancer and therapeutic opportunities. American Journal of Cancer Research, 2019, 9, 1354-1366.	1.4	162
4003	N-terminal tyrosine of ISCU2 triggers [2Fe-2S] cluster synthesis by ISCU2 dimerization. Nature Communications, 2021, 12, 6902.	12.8	15
4004	Silencing of p53 and CDKN1A establishes sustainable immortalized megakaryocyte progenitor cells from human iPSCs. Stem Cell Reports, 2021, , .	4.8	7
4005	Study on RNAi-based herbicide for Mikania micrantha. Synthetic and Systems Biotechnology, 2021, 6, 437-445.	3.7	7
4006	Targeting the undruggable oncogenic KRAS: the dawn of hope. JCI Insight, 2022, 7, .	5.0	27
4007	TORC1 inactivation promotes APC/C-dependent mitotic slippage in yeast and human cells. IScience, 2022, 25, 103675.	4.1	3
4008	Host Cellular RNA Helicases Regulate SARS-CoV-2 Infection. Journal of Virology, 2022, 96, jvi0000222.	3.4	24
4009	Harnessing Intronic microRNA Structures to Improve Tolerance and Expression of shRNAs in Animal Cells. Methods and Protocols, 2022, 5, 18.	2.0	1
4010	piggyBac-based transgenic RNAi of serine protease 2 results in male sterility in Hyphantria cunea. Insect Biochemistry and Molecular Biology, 2022, 143, 103726.	2.7	5
4011	Novel approaches in cancer treatment: preclinical and clinical development of small non-coding RNA therapeutics. Journal of Experimental and Clinical Cancer Research, 2021, 40, 383.	8.6	22
4012	Manipulation of Gene Activity in the Regenerative Model Sea Anemone, Nematostella vectensis. Methods in Molecular Biology, 2022, 2450, 437-465.	0.9	3
4013	RNAi: VIRAL THERAPEUTICS. , 2022, , 14-18.		0
4014	The Effect of Dicer Knockout on RNA Interference Using Various Dicer Substrate Small Interfering RNA (DsiRNA) Structures. Genes, 2022, 13, 436.	2.4	1
4015	VEGFA-targeting miR-agshRNAs combine efficacy with specificity and safety for retinal gene therapy. Molecular Therapy - Nucleic Acids, 2022, 28, 58-76.	5.1	6

#	ARTICLE	IF	CITATIONS
4016	Editing out HIV: application of gene editing technology to achieve functional cure. <i>Retrovirology</i> , 2021, 18, 39.	2.0	7
4017	Targeting Inflammasome Activation in COVID-19: Delivery of RNA Interference-Based Therapeutic Molecules. <i>Biomedicines</i> , 2021, 9, 1823.	3.2	7
4018	Antiviral Potency of Small Interfering RNA Molecules. , 2022, , 603-640.		1
4019	Inhibition of Hepatitis C virus by nucleic acid-based antiviral approaches. , 2006, , 47-86.		2
4027	AIDS and Hematopoietic Transplantation: HIV Infection, AIDS, Lymphoma and Gene Therapy. , 0, , 1369-1384.		0
4028	An inducible T7 RNA polymerase-dependent plasmid system for the expression of short hairpin RNAs. <i>Molecular Biotechnology</i> , 2006, 33, 13-21.	2.4	2
4029	Improved glucose-stimulated insulin secretion by intra-islet inhibition of protein-tyrosine phosphatase 1B expression in rats fed a high-fat diet. <i>Journal of Endocrinological Investigation</i> , 2012, 35, 63-70.	3.3	11
4034	Protection from HIV-1 Infection of Primary Cd4 T Cells by Ccr5 Silencing is Effective for the Full Spectrum of Ccr5 Expression. <i>Antiviral Therapy</i> , 2003, 8, 373-377.	1.0	39
4035	Constitutive and DNA Damage Inducible Activation of <i>pig3</i> and <i>MDM2</i> Genes by Tumor-Derived p53 Mutant C277Y. <i>Molecular Cancer Research</i> , 2004, 2, 296-304.	3.4	7
4036	Quantification of a Neurological Protein in a Single Cell Without Amplification. <i>ACS Omega</i> , 2022, 7, 20165-20171.	3.5	1
4039	Upregulation of $\beta$ -catenin due to loss of miR-139 contributes to motor neuron death in amyotrophic lateral sclerosis. <i>Stem Cell Reports</i> , 2022, , .	4.8	9
4040	RNA-targeting strategies as a platform for ocular gene therapy. <i>Progress in Retinal and Eye Research</i> , 2023, 92, 101110.	15.5	10
4041	Limiting Transactivator Amounts Contribute to Transgene Mosaicism in Tet-On All-in-One Systems. <i>ACS Synthetic Biology</i> , 2022, 11, 2623-2635.	3.8	5
4042	Small interfering RNA urokinase silencing inhibits invasion and migration of human hepatocellular carcinoma cells. <i>Molecular Cancer Therapeutics</i> , 2004, 3, 671-678.	4.1	41
4043	Human apurinic endonuclease 1 (APE1) expression and prognostic significance in osteosarcoma: Enhanced sensitivity of osteosarcoma to DNA damaging agents using silencing RNA APE1 expression inhibition. <i>Molecular Cancer Therapeutics</i> , 2004, 3, 679-686.	4.1	161
4044	Differential sensitivity of cancer cells to docosahexaenoic acid-induced cytotoxicity: The potential importance of down-regulation of superoxide dismutase 1 expression. <i>Molecular Cancer Therapeutics</i> , 2004, 3, 1109-1117.	4.1	58
4045	Microglia-derived PDGFB promotes neuronal potassium currents to suppress basal sympathetic tonicity and limit hypertension. <i>Immunity</i> , 2022, 55, 1466-1482.e9.	14.3	20
4046	OMICs Technologies for Natural Compounds-based Drug Development. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 1751-1765.	2.1	8

#	ARTICLE	IF	CITATIONS
4048	Counting the cost of public and philanthropic R&D funding: the case of olaparib. Journal of Pharmaceutical Policy and Practice, 2022, 15, .	2.4	1
4049	The discovery and development of RNA-based therapies for treatment of HIV-1 infection. Expert Opinion on Drug Discovery, 2023, 18, 163-179.	5.0	5
4050	Specific properties of shRNA-mediated CCR5 downregulation that enhance the inhibition of HIV-1 infection in combination with shRNA targeting HIV-1 rev. Molecular Biology Reports, 0, , .	2.3	0
4051	Using Lentiviral shRNA Delivery to Knock Down Proteins in Cultured Neurons and In Vivo. Neuromethods, 2022, , 1-17.	0.3	4
4052	Hepatitis B Virus Research in South Africa. Viruses, 2022, 14, 1939.	3.3	7
4054	PIWI-interacting RNAs in cancer: Biogenesis, function, and clinical significance. Frontiers in Oncology, 0, 12, .	2.8	6
4056	Broadening the Horizons of RNA Delivery Strategies in Cancer Therapy. Bioengineering, 2022, 9, 576.	3.5	4
4057	Suppression Effects of Excessively Expressed Gene BCL-2 in Cell Lines of Prostate Cancer. Macedonian Veterinary Review, 2022, .	0.4	0
4058	Oligonucleotide separation techniques for purification and analysis: What can we learn for today's tasks?. Electrophoresis, 2022, 43, 2402-2427.	2.4	4
4059	FAM57A (Family with Sequence Similarity 57 Member A) Is a Cell-Density-Regulated Protein and Promotes the Proliferation and Migration of Cervical Cancer Cells. Cells, 2022, 11, 3309.	4.1	2
4061	Gene targeting as a therapeutic avenue in diseases mediated by the complement alternative pathway. Immunological Reviews, 2023, 313, 402-419.	6.0	10
4062	A novel strategy for orthogonal genetic regulation on different RNA targeted loci simultaneously. RNA Biology, 2022, 19, 1172-1178.	3.1	1
4068	RNA interference and gene editing. , 2023, , 375-408.		0
4070	Nanoparticle delivery of <i>CD40</i> siRNA suppresses alloimmune responses by inhibiting activation and differentiation of DCs and macrophages. Science Advances, 2022, 8, .	10.3	4
4071	Endogenous secretory leukocyte protease inhibitor inhibits microbial-induced monocyte activation. European Journal of Immunology, 2023, 53, .	2.9	1
4072	Methods to Assess the Role of PARPs in Regulating Mitochondrial Oxidative Function. Methods in Molecular Biology, 2023, , 227-249.	0.9	1
4073	MiR-199a-3p Induces Mesenchymal to Epithelial Transition of Keratinocytes by Targeting RAP2B. International Journal of Molecular Sciences, 2022, 23, 15401.	4.1	0
4074	Extracellular signal-Regulated Kinase 5 (ERK5) is required for the Yes-associated protein (YAP) co-transcriptional activity. Cell Death and Disease, 2023, 14, .	6.3	2

#	ARTICLE	IF	CITATIONS
4075	Structural Modifications of siRNA Improve Its Performance In Vivo. International Journal of Molecular Sciences, 2023, 24, 956.	4.1	4
4076	Graphene family in cancer therapy: recent progress in cancer gene/drug delivery applications. Journal of Materials Chemistry B, 2023, 11, 2568-2613.	5.8	11
4077	Terminal bridging of siRNA duplex at the ribose 2' position controls strand bias and target sequence preference. Molecular Therapy - Nucleic Acids, 2023, 32, 468-477.	5.1	1
4078	Induced regulatory T cells modified by knocking down T-bet in combination with ectopic expression of inhibitory cytokines effectively protect Graft-versus-Host Disease. American Journal of Transplantation, 2023, , .	4.7	1
4079	Numb/Parkin-directed mitochondrial fitness governs cancer cell fate via metabolic regulation of histone lactylation. Cell Reports, 2023, 42, 112033.	6.4	19
4080	Clinical applications of gene therapy for rare diseases: A review. International Journal of Experimental Pathology, 2023, 104, 154-176.	1.3	10
4081	Simplified and effective RNA interference and CRISPR-Cas9 systems for <i>Cryptococcus neoformans</i>. Journal of Basic Microbiology, 0, , .	3.3	0
4082	Basic Principles of RNA Interference: Nucleic Acid Types and In Vitro Intracellular Delivery Methods. Micromachines, 2023, 14, 1321.	2.9	0
4083	A Sox17 downstream gene Rasip1 is involved in the hematopoietic activity of intra-aortic hematopoietic clusters in the midgestation mouse embryo. Inflammation and Regeneration, 2023, 43, .	3.7	0
4084	SINEs as Potential Expression Cassettes: Impact of Deletions and Insertions on Polyadenylation and Lifetime of B2 and Ves SINE Transcripts Generated by RNA Polymerase III. International Journal of Molecular Sciences, 2023, 24, 14600.	4.1	0
4085	Optimal delivery of RNA interference by viral vectors for cancer therapy. Molecular Therapy, 2023, , .	8.2	1
4087	çŸžç»é€è¡ŒæšŸ–¾ç—...âšš“ç%œ“jâžŸçš„â”ºç««ăžâ”ç””. Chinese Science Bulletin, 2023, , .	0.7	0
4088	FMRP Enhances the Translation of 4EBP2 mRNA during Neuronal Differentiation. International Journal of Molecular Sciences, 2023, 24, 16319.	4.1	2
4089	Combined RNA interference and gene replacement therapy targeting MFN2 as proof of principle for the treatment of Charcot-“Marie-“Tooth type 2A. Cellular and Molecular Life Sciences, 2023, 80, .	5.4	1
4090	MARCKS and PI(4,5)P<sub>2</sub> reciprocally regulate actin-based dendritic spine morphology. Molecular Biology of the Cell, 0, , .	2.1	1
4091	Construction of a Vector Generating both siRNA and a Fluorescent Reporter: a siRNA Study in Cultured Neurons. Molecules and Cells, 2004, 18, 127-130.	2.6	2
4092	NRF2 activation in BON-1 neuroendocrine cancer-Cells reduces the cytotoxic effects of a novel Ruthenium(II)-curcumin compound: A pilot study. Oncology Reports, 2024, 51, .	2.6	0
4093	Role of Interleukin-21 in retinal ischemia-reperfusion injury: Unveiling the impact on retinal ganglion cell apoptosis. International Immunopharmacology, 2024, 128, 111480.	3.8	0

#	ARTICLE	IF	CITATIONS
4095	Non-coding RNAs as therapeutic targets in cancer and its clinical application. Journal of Pharmaceutical Analysis, 2024, , .	5.3	0
4096	Huntingtin lowering therapeutics. , 2024, , 523-549.		0
4097	Screening and Characterization of Functional circRNAs in Neuronal Cultures. Methods in Molecular Biology, 2024, , 311-324.	0.9	0
4098	Profile of Rene Bernards. Proceedings of the National Academy of Sciences of the United States of America, 2024, 121, .	7.1	0