Takeshi Urano

List of Publications by Year
in descending order

113 papers	8,109 citations	36303 51 h-index	49909 87 g-index
114 all docs	114 docs citations	114 times ranked	8948 citing authors

#	Article	IF	Citations
1	Romidepsin and tamoxifen cooperatively induce senescence of pancreatic cancer cells through downregulation of FOXM1 expression and induction of reactive oxygen species/lipid peroxidation. Molecular Biology Reports, 2022, 49, 3519-3529.	2.3	4
2	Generation of antagonistic monoclonal antibodies against the neoepitope of active mouse interleukin (IL)-18 cleaved by inflammatory caspases. Archives of Biochemistry and Biophysics, 2022, 727, 109322.	3.0	2
3	Diacylglycerol kinase Î· regulates C2C12 myoblast proliferation through the mTOR signaling pathway. Biochimie, 2020, 177, 13-24.	2.6	8
4	Nucleus Accumbens-Associated Protein 1 Binds DNA Directly through the BEN Domain in a Sequence-Specific Manner. Biomedicines, 2020, 8, 608.	3.2	8
5	How does Hsp90 function in RNAi-dependent heterochromatin assembly?. Current Genetics, 2019, 65, 87-91.	1.7	1
6	TH588, an MTH1 inhibitor, enhances phenethyl isothiocyanateâ€'induced growth inhibition in pancreatic cancer cells. Oncology Letters, 2018, 15, 3240-3244.	1.8	9
7	Analysis of the oligomeric states of nucleophosmin using size exclusion chromatography. Scientific Reports, 2018, 8, 4008.	3.3	11
8	RNAi-dependent heterochromatin assembly in fission yeast Schizosaccharomyces pombe requires heat-shock molecular chaperones Hsp90 and Mas5. Epigenetics and Chromatin, 2018, 11, 26.	3.9	11
9	Diacylglycerol kinase Î´ controls down-regulation of cyclin D1 for C2C12 myogenic differentiation. Biochimie, 2018, 151, 45-53.	2.6	6
10	Cotylenin A and tyrosine kinase inhibitors synergistically inhibit the growth of chronic myeloid leukemia cells. International Journal of Oncology, 2018, 52, 2061-2068.	3.3	2
11	Cancer-related transcription regulator protein NAC1 forms a protein complex with CARM1 for ovarian cancer progression. Oncotarget, 2018, 9, 28408-28420.	1.8	15
12	G196 epitope tag system: a novel monoclonal antibody, G196, recognizes the small, soluble peptide DLVPR with high affinity. Scientific Reports, 2017, 7, 43480.	3.3	12
13	The 19S proteasome is directly involved in the regulation of heterochromatin spreading in fission yeast. Journal of Biological Chemistry, 2017, 292, 17144-17155.	3.4	22
14	Japanese apricot extract (MK615) potentiates bendamustine-induced apoptosis via impairment of the DNA damage response in lymphoma cells. Oncology Letters, 2017, 14, 792-800.	1.8	9
15	Plant Aurora kinases interact with and phosphorylate transcription factors. Journal of Plant Research, 2016, 129, 1165-1178.	2.4	8
16	Protein complex formation and intranuclear dynamics of NAC1 in cancer cells. Archives of Biochemistry and Biophysics, 2016, 606, 10-15.	3.0	9
17	Global regulation of heterochromatin spreading by Leo1. Open Biology, 2015, 5, 150045.	3.6	43
18	Combined treatment with tamoxifen and a fusicoccin derivative (ISIR-042) to overcome resistance to therapy and to enhance the antitumor activity of 5-fluorouracil and gemcitabine in pancreatic cancer cells. International Journal of Oncology, 2015, 47, 315-324.	3.3	21

#	Article	IF	Citations
19	TRIM27/MRTF-B-Dependent Integrin Î²1 Expression Defines Leading Cells in Cancer Cell Collectives. Cell Reports, 2014, 7, 1156-1167.	6.4	36
20	SUMO-modification and elimination of the active DNA demethylation enzyme TDG in cultured human cells. Biochemical and Biophysical Research Communications, 2014, 447, 419-424.	2.1	9
21	Â4GalT6 is involved in the synthesis of lactosylceramide with less intensity than Â4GalT5. Glycobiology, 2013, 23, 1175-1183.	2.5	44
22	Trimeric Tn Antigen on Syndecan 1 Produced by ppGalNAc-T13 Enhances Cancer Metastasis via a Complex Formation with Integrin Î±5Î²1 and Matrix Metalloproteinase 9. Journal of Biological Chemistry, 2013, 288, 24264-24276.	3.4	29
23	Spt6 prevents transcription-coupled loss of posttranslationally modified histone H3. Scientific Reports, 2013, 3, 2186.	3.3	52
24	Raf1 Is a DCAF for the Rik1 DDB1-Like Protein and Has Separable Roles in siRNA Generation and Chromatin Modification. PLoS Genetics, 2012, 8, e1002499.	3.5	26
25	Nuclear localization signal in a cancer-related transcriptional regulator protein NAC1. Carcinogenesis, 2012, 33, 1854-1862.	2.8	14
26	Trichoplein and Aurora A block aberrant primary cilia assembly in proliferating cells. Journal of Cell Biology, 2012, 197, 391-405.	5.2	140
27	Heterochromatin protein 1 homologue Swi6 acts in concert with Ers1 to regulate RNAi-directed heterochromatin assembly. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6159-6164.	7.1	30
28	pp-GalNAc-T13 induces high metastatic potential of murine Lewis lung cancer by generating trimeric Tn antigen. Biochemical and Biophysical Research Communications, 2012, 419, 7-13.	2.1	28
29	Low expression of nucleus accumbensâ€associated protein 1 predicts poor prognosis for patients with pancreatic ductal adenocarcinoma. Pathology International, 2012, 62, 802-810.	1.3	7
30	DNAâ€“RNA hybrid formation mediates RNAiâ€directed heterochromatin formation. Genes To Cells, 2012, 17, 218-233.	1.2	94
31	Mitotic kinase Aurora-B is regulated by SUMO-2/3 conjugation/deconjugation during mitosis. Genes To Cells, 2011, 16, 652-669.	1.2	46
32	The nuclear scaffold protein SAF-A is required for kinetochoreâ€“microtubule attachment and contributes to the targeting of Aurora-A to mitotic spindles. Journal of Cell Science, 2011, 124, 394-404.	2.0	26
33	Preparation, characterization and properties of novel covalently surface-functionalized zinc oxide nanoparticles. Applied Surface Science, 2010, 256, 4497-4501.	6.1	16
34	Hairpin RNA induces secondary small interfering RNA synthesis and silencing in trans in fission yeast. EMBO Reports, 2010, 11, 112-118.	4.5	64
35	Phosphorylation of Swi6/HP1 regulates transcriptional gene silencing at heterochromatin. Genes and Development, 2009, 23, 18-23.	5.9	61
36	Synthetic Heterochromatin Bypasses RNAi and Centromeric Repeats to Establish Functional Centromeres. Science, 2009, 324, 1716-1719.	12.6	147

#	Article	IF	Citations
37	Mitotic Regulation of the Stability of Microtubule Plus-end Tracking Protein EB3 by Ubiquitin Ligase SIAH-1 and Aurora Mitotic Kinases. Journal of Biological Chemistry, 2009, 284, 28367-28381.	3.4	47
38	Glycosylphosphatidylinositol-anchored arginine-specific ADP-ribosyltransferase7.1 (Art7.1) on chicken B cells: the possible role of Art7 in B cell receptor signalling and proliferation. Molecular and Cellular Biochemistry, 2009, 320, 93-100.	3.1	5
39	The JmjC domain protein Epe1 prevents unregulated assembly and disassembly of heterochromatin. EMBO Journal, 2008, 27, 921-921.	7.8	2
40	Gene silencing in cancer by histone H3 lysine 27 trimethylation independent of promoter DNA methylation. Nature Genetics, 2008, 40, 741-750.	21.4	554
41	Cdc2p controls the forkhead transcription factor Fkh2p by phosphorylation during sexual differentiation in fission yeast. EMBO Journal, 2008, 27, 132-142.	7.8	16
42	Fission yeast chromatin assembly factor 1 assists in the replicationâ€coupled maintenance of heterochromatin. Genes To Cells, 2008, 13, 1027-1043.	1.2	41
43	Focal adhesion kinase as well as p130Cas and paxillin is crucially involved in the enhanced malignant properties under expression of ganglioside GD3 in melanoma cells. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 513-519.	2.4	48
44	Abnormal cytoplasmic dyslocalisation and/or reduction of nucleophosmin protein level rarely occurs in myelodysplastic syndromes. Leukemia and Lymphoma, 2008, 49, 2359-2364.	1.3	6
45	Heterochromatin and RNAi Are Required to Establish CENP-A Chromatin at Centromeres. Science, 2008, 319, 94-97.	12.6	259
46	Splicing Factors Facilitate RNAi-Directed Silencing in Fission Yeast. Science, 2008, 322, 602-606.	12.6	113
47	Impaired hypoglossal nerve regeneration in mutant mice lacking complex gangliosides: Down-regulation of neurotrophic factors and receptors as possible mechanisms. Glycobiology, 2008, 18, 509-516.	2.5	23
48	Role of DNA Methylation and Histone H3 Lysine 27 Methylation in Tissue-Specific Imprinting of Mouse Grb10. Molecular and Cellular Biology, 2007, 27, 732-742.	2.3	51
49	Analysis of the role of Aurora B on the chromosomal targeting of condensin I. Nucleic Acids Research, 2007, 35, 2403-2412.	14.5	59
50	Gene Amplification and Overexpression of PRDM14 in Breast Cancers. Cancer Research, 2007, 67, 9649-9657.	0.9	103
51	Identification and expression of a sialyltransferase responsible for the synthesis of disialylgalactosylgloboside in normal and malignant kidney cells: downregulation of ST6GalNAc VI in renal cancers. Biochemical Journal, 2007, 402, 459-470.	3.7	42
52	The JmjC domain protein Epe1 prevents unregulated assembly and disassembly of heterochromatin. EMBO Journal, 2007, 26, 4670-4682.	7.8	98
53	Overexpression of caveolin-1 in a human melanoma cell line results in dispersion of ganglioside GD3 from lipid rafts and alteration of leading edges, leading to attenuation of malignant properties. Cancer Science, 2007, 98, 512-520.	3.9	43
54	Down-regulation of caveolin-1 in mouse Lewis lung cancer P29 is a causal factor for the malignant properties in a high-metastatic subline. Oncology Reports, 2006, 16, 289.	2.6	1

#	Article	IF	Citations
55	Nucleophosmin: A versatile molecule associated with hematological malignancies. Cancer Science, 2006, 97, 963-969.	3.9	65
56	Expression profile of LIT1/KCNQ1OT1 and epigenetic status at the KvDMR1 in colorectal cancers. Cancer Science, 2006, 97, 1147-1154.	3.9	98
57	Complex formation of Plk1 and INCENP required for metaphaseâ€“anaphase transition. Nature Cell Biology, 2006, 8, 180-187.	10.3	159
58	Genetic mechanisms for the synthesis of fucosyl GM1 in small cell lung cancer cell lines. Glycobiology, 2006, 16, 916-925.	2.5	26
59	Targeted Disruption of Gb3/CD77 Synthase Gene Resulted in the Complete Deletion of Globo-series Glycosphingolipids and Loss of Sensitivity to Verotoxins. Journal of Biological Chemistry, 2006, 281, 10230-10235.	3.4	175
60	Metastatic Potential of Mouse Lewis Lung Cancer Cells Is Regulated via Ganglioside GM1 by Modulating the Matrix Metalloprotease-9 Localization in Lipid Rafts. Journal of Biological Chemistry, 2006, 281, 18145-18155.	3.4	58
61	Telomere Binding Protein Taz1 Establishes Swi6 Heterochromatin Independently of RNAi at Telomeres. Current Biology, 2005, 15, 1808-1819.	3.9	199
62	Murine glycosyltransferases responsible for the expression of globo-series glycolipids: cDNA structures, mRNA expression, and distribution of their products. Glycobiology, 2005, 15, 1257-1267.	2.5	37
63	Ganglioside GD3 promotes cell growth and invasion through p130Cas and paxillin in malignant melanoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11041-11046.	7.1	140
64	The Essential Role of Histone H3 Lys9 Di-Methylation and MeCP2 Binding in MGMT Silencing with Poor DNA Methylation of the Promoter CpG Island. Journal of Biochemistry, 2005, 137, 431-440.	1.7	55
65	RNA Polymerase II Is Required for RNAi-Dependent Heterochromatin Assembly. Science, 2005, 309, 467-469.	12.6	258
66	Mechanism of Aurora-B Degradation and Its Dependency on Intact KEN and A-Boxes: Identification of an Aneuploidy-Promoting Property. Molecular and Cellular Biology, 2005, 25, 4977-4992.	2.3	146
67	Phosphorylation of Ser-446 Determines Stability of MKP-7. Journal of Biological Chemistry, 2005, 280, 14716-14722.	3.4	51
68	Neuron-specific relaxation of Igf2r imprinting is associated with neuron-specific histone modifications and lack of its antisense transcript Air. Human Molecular Genetics, 2005, 14, 2511-2520.	2.9	65
69	Over-expression of GM1 enhances cell proliferation with epidermal growth factor without affecting the receptor localization in the microdomain in PC12 cells. International Journal of Oncology, 2005, 26, 191.	3.3	7
70	PIAS proteins are involved in the SUMO-1 modification, intracellular translocation and transcriptional repressive activity of RET finger protein. Experimental Cell Research, 2005, 308, 65-77.	2.6	31
71	Overexpressed GM1 Suppresses Nerve Growth Factor (NGF) Signals by Modulating the Intracellular Localization of NGF Receptors and Membrane Fluidity in PC12 Cells. Journal of Biological Chemistry, 2004, 279, 33368-33378.	3.4	113
72	Autophosphorylation of a Newly Identified Site of Aurora-B Is Indispensable for Cytokinesis. Journal of Biological Chemistry, 2004, 279, 12997-13003.	3.4	201

#	Article	IF	Citations
73	Proteasomal Degradation of the Nuclear Targeting Growth Factor Midkine. Journal of Biological Chemistry, 2004, 279, 17785-17791.	3.4	21
74	A chromodomain protein, Chp1, is required for the establishment of heterochromatin in fission yeast. EMBO Journal, 2004, 23, 3825-3835.	7.8	192
75	Silencing of imprinted CDKN1C gene expression is associated with loss of CpG and histone H3 lysine 9 methylation at DMR-LIT1 in esophageal cancer. Oncogene, 2004, 23, 4380-4388.	5.9	55
76	Epigenetic inactivation of class II transactivator (CIITA) is associated with the absence of interferon-Î³-induced HLA-DR expression in colorectal and gastric cancer cells. Oncogene, 2004, 23, 8876-8886.	5.9	108
77	Direct Association with Inner Centromere Protein (INCENP) Activates the Novel Chromosomal Passenger Protein, Aurora-C. Journal of Biological Chemistry, 2004, 279, 47201-47211.	3.4	121
78	Suppression of lung metastasis of mouse Lewis lung cancer P29 with transfection of the ganglioside GM2/GD2 synthase gene. International Journal of Cancer, 2003, 103, 169-176.	5.1	23
79	Caenorhabditis elegans RBX1 is essential for meiosis, mitotic chromosomal condensation and segregation, and cytokinesis. Genes To Cells, 2003, 8, 857-872.	1.2	34
80	Silencing effect of CpG island hypermethylation and histone modifications on O6-methylguanine-DNA methyltransferase (MGMT) gene expression in human cancer. Oncogene, 2003, 22, 8835-8844.	5.9	164
81	Loss of CpG Methylation Is Strongly Correlated with Loss of Histone H3 Lysine 9 Methylation at DMR-LIT1 in Patients with Beckwith-Wiedemann Syndrome. American Journal of Human Genetics, 2003, 73, 948-956.	6.2	39
82	Usage of Tautomycetin, a Novel Inhibitor of Protein Phosphatase 1 (PP1), Reveals That PP1 Is a Positive Regulator of Raf-1 in Vivo. Journal of Biological Chemistry, 2003, 278, 82-88.	3.4	76
83	The Blood Group P1 Synthase Gene Is Identical to the Gb3/CD77 Synthase Gene. Journal of Biological Chemistry, 2003, 278, 44429-44438.	3.4	60
84	Regulation of Type 1 Protein Phosphatase/Inhibitor-2 Complex by Glycogen Synthase Kinase-3beta in Intact Cells. Journal of Biochemistry, 2003, 133, 165-171.	1.7	21
85	MBD3 and HDAC1, Two Components of the NuRD Complex, Are Localized at Aurora-A-positive Centrosomes in M Phase. Journal of Biological Chemistry, 2002, 277, 48714-48723.	3.4	53
86	Overexpression of Ganglioside GM1 Results in the Dispersion of Platelet-derived Growth Factor Receptor from Glycolipid-enriched Microdomains and in the Suppression of Cell Growth Signals. Journal of Biological Chemistry, 2002, 277, 11239-11246.	3.4	117
87	Identification of a Drosophila Gene Encoding Xylosylprotein Î²4-Galactosyltransferase That Is Essential for the Synthesis of Glycosaminoglycans and for Morphogenesis. Journal of Biological Chemistry, 2002, 277, 46280-46288.	3.4	43
88	Degradation of human Aurora-A protein kinase is mediated by hCdh1. FEBS Letters, 2002, 519, 59-65.	2.8	92
89	Molecular Dynamics of Aurora-A Kinase in Living Mitotic Cells Simultaneously Visualized with Histone H3 and Nuclear Membrane Protein Importin.ALPHA... Cell Structure and Function, 2002, 27, 457-467.	1.1	54
90	Aurora-B associated protein phosphatases as negative regulators of kinase activation. Oncogene, 2002, 21, 3103-3111.	5.9	142

#	Article	IF	Citations
91	Somatic alterations of the DPC4 and Madr2 genes in colorectal cancers and relationship to metastasis. International Journal of Oncology, 2001, 18, 265-70.	3.3	18
92	Degradation of human Aurora2 protein kinase by the anaphase-promoting complex-ubiquitin-proteasome pathway. Oncogene, 2000, 19, 2812-2819.	5.9	133
93	Molecular Cloning of Globotriaosylceramide/CD77 Synthase, a Glycosyltransferase That Initiates the Synthesis of Globo Series Glycosphingolipids. Journal of Biological Chemistry, 2000, 275, 15152-15156.	3.4	129
94	Molecular Cloning and Expression of Mouse GD1Î±/GT1aÎ±/GQ1bÎ± Synthase (ST6GalNAc VI) Gene. Journal of Biological Chemistry, 2000, 275, 6717-6723.	3.4	50
95	Molecular Basis for the p Phenotype. Journal of Biological Chemistry, 2000, 275, 37752-37756.	3.4	58
96	GD3 Synthase Gene Expression in PC12 Cells Results in the Continuous Activation of TrkA and ERK1/2 and Enhanced Proliferation. Journal of Biological Chemistry, 2000, 275, 5832-5838.	3.4	108
97	Expression Cloning of Human Globoside Synthase cDNAs. Journal of Biological Chemistry, 2000, 275, 40498-40503.	3.4	78
98	Expression of DCC Protein in Colorectal Tumors and Its Relationship to Tumor Progression and Metastasis. Oncology, 1999, 56, 134-141.	1.9	60
99	Molecular Cloning of Brain-specific GD1Î± Synthase (ST6GalNAc V) Containing CAG/Glutamine Repeats. Journal of Biological Chemistry, 1999, 274, 30557-30562.	3.4	83
100	Molecular Basis for the Progeroid Variant of Ehlers-Danlos Syndrome. Journal of Biological Chemistry, 1999, 274, 28841-28844.	3.4	142
101	Expression Cloning of Mouse cDNA of CMP-NeuAc:Lactosylceramide Î±2,3-Sialyltransferase, an Enzyme That Initiates the Synthesis of Gangliosides. Journal of Biological Chemistry, 1999, 274, 9271-9276.	3.4	61
102	Molecular Cloning of a Novel Î±2,3-Sialyltransferase (ST3Gal VI) That Sialylates Type II Lactosamine Structures on Glycoproteins and Glycolipids. Journal of Biological Chemistry, 1999, 274, 11479-11486.	3.4	145
103	Ral-Specific Guanine Nucleotide Exchange Factor Activity Opposes Other Ras Effectors in PC12 Cells by Inhibiting Neurite Outgrowth. Molecular and Cellular Biology, 1999, 19, 1731-1741.	2.3	87
104	Clinical significance of serum levels of CD44 variant exons 8-10 protein in colorectal cancer. Journal of Gastroenterology, 1998, 33, 349-353.	5.1	12
105	An Eps Homology (EH) Domain Protein That Binds to the Ral-GTPase Target, RalBP1. Journal of Biological Chemistry, 1997, 272, 31230-31234.	3.4	113
106	Tyrosine Phosphorylation of Crk-associated Substrates by Focal Adhesion Kinase. Journal of Biological Chemistry, 1997, 272, 29083-29090.	3.4	140
107	Evidence for a Ras/Ral signaling cascade. Trends in Biochemical Sciences, 1996, 21, 438-441.	7.5	200
108	Expression of CD44 Variant Exons 8-10 in Colorectal Cancer and Its Relationship to Metastasis. Japanese Journal of Cancer Research, 1995, 86, 292-297.	1.7	50

#	Article	IF	Citations
109	Involvement of Ral GTPase in v-Src-induced phospholipase D activation. Nature, 1995, 378, 409-412.	27.8	268
110	Inhibitory action of nm23 proteins on induction of erythroid differentiation of human leukemia cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1995, 1267, 101-106.	4.1	36
111	A new function of Nm23/NDP kinase as a differentiation inhibitory factor, which does not require it's kinase activity. FEBS Letters, 1995, 363, 311-315.	2.8	62
112	Reduced expression ofnm23-H1, but not ofnm23-H2, is concordant with the frequency of lymph-node metastasis of human breast cancer. International Journal of Cancer, 1993, 55, 66-71.	5.1	132
113	Molecular cloning and functional expression of the second mousenm23/NDP kinase gene,nm23-M2. FEBS Letters, 1992, 309, 358-362.	2.8	64