Akinobu Ota

List of Publications by Year
in descending order

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70 papers	2,117 citations	394286 19 h-index	233338 45 g-index
74 all docs	74 docs citations	74 times ranked	3556 citing authors

#	Article	IF	Citations
1	Identification and Characterization of a Novel Gene, C13orf25, as a Target for 13q31-q32 Amplification in Malignant Lymphoma. Cancer Research, 2004, 64, 3087-3095.	0.4	696
2	Genome-wide array-based CGH for mantle cell lymphoma: identification of homozygous deletions of the proapoptotic gene BIM. Oncogene, 2005, 24, 1348-1358.	2.6	282
3	Mutation of a single allele of the cancer susceptibility gene BRCA1 leads to genomic instability in human breast epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17773-17778.	3.3	134
4	BACE1 inhibition reduces endogenous Abeta and alters APP processing in wild-type mice. Journal of Neurochemistry, 2006, 99, 1555-1563.	2.1	101
5	Novel ELISA system for detection of N-ERC/mesothelin in the sera of mesothelioma patients. Cancer Science, 2006, 97, 928-932.	1.7	80
6	Genome-Wide Array-Based Comparative Genomic Hybridization of Diffuse Large B-Cell Lymphoma. Cancer Research, 2004, 64, 5948-5955.	0.4	66
7	Combined arsenic trioxide-cisplatin treatment enhances apoptosis in oral squamous cell carcinoma cells. Cellular Oncology (Dordrecht), 2014, 37, 119-129.	2.1	52
8	Novel ATPâ€competitive Akt inhibitor afuresertib suppresses the proliferation of malignant pleural mesothelioma cells. Cancer Medicine, 2017, 6, 2646-2659.	1.3	42
9	Contig array CGH at 3p14.2 points to the FRA3B/FHIT common fragile region as the target gene in diffuse large B-cell lymphoma. Oncogene, 2004, 23, 9148-9154.	2.6	35
10	Lipopolysaccharide augments the uptake of oxidized LDL by up-regulating lectin-like oxidized LDL receptor-1 in macrophages. Molecular and Cellular Biochemistry, 2015, 400, 29-40.	1.4	35
11	A Comparative Analysis of Constitutive Promoters Located in Adeno-Associated Viral Vectors. PLoS ONE, 2014, 9, e106472.	1.1	34
12	Single Copies of Mutant KRAS and Mutant PIK3CA Cooperate in Immortalized Human Epithelial Cells to Induce Tumor Formation. Cancer Research, 2013, 73, 3248-3261.	0.4	33
13	Tandem Paired Nicking Promotes Precise Genome Editing with Scarce Interference by p53. Cell Reports, 2020, 30, 1195-1207.e7.	2.9	29
14	Arsenic upregulates the expression of angiotensin II Type I receptor in mouse aortic endothelial cells. Toxicology Letters, 2013, 220, 70-75.	0.4	28
15	Delta40p53 suppresses tumor cell proliferation and induces cellular senescence in hepatocellular carcinoma cells. Journal of Cell Science, 2017, 130, 614-625.	1.2	27
16	Arsenic trioxide prevents nitric oxide production in lipopolysaccharide â€stimulated <scp>RAW</scp> 264.7 by inhibiting a <scp>TRIF</scp>â€dependent pathway. Cancer Science, 2013, 104, 165-170.	1.7	26
17	Discovery of novel molecular characteristics and cellular biological properties in ameloblastoma. Cancer Medicine, 2020, 9, 2904-2917.	1.3	25
18	Arsenic augments the uptake of oxidized LDL by upregulating the expression of lectin-like oxidized LDL receptor in mouse aortic endothelial cells. Toxicology and Applied Pharmacology, 2013, 273, 651-658.	1.3	22

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19	Early expression of plasma CCL8 closely correlates with survival rate ofÂacuteÂgraft-vs.-host disease in mice. Experimental Hematology, 2011, 39, 1101-1112.	0.2	19
20	Inhibition of Nox1 induces apoptosis by attenuating the AKT signaling pathway in oral squamous cell carcinoma cell lines. Oncology Reports, 2016, 36, 2991-2998.	1.2	19
21	Novel combined Ato-C treatment synergistically suppresses proliferation of Bcr-Abl-positive leukemic cells in vitro and in vivo. Cancer Letters, 2018, 433, 117-130.	3.2	19
22	Plumbagin suppresses tumor cell growth in oral squamous cell carcinoma cell lines. Oral Diseases, 2015, 21, 501-511.	1.5	16
23	Simple Monitoring of Gene Targeting Efficiency in Human Somatic Cell Lines Using the PIGA Gene. PLoS ONE, 2012, 7, e47389.	1.1	16
24	Inhibition of NADPH oxidase 4 induces apoptosis in malignant mesothelioma: Role of reactive oxygen species. Oncology Reports, 2015, 34, 1726-1732.	1.2	15
25	Biallelic loss of FAM46C triggers tumor growth with concomitant activation of Akt signaling in multiple myeloma cells. Cancer Science, 2020, 111, 1663-1675.	1.7	15
26	Transcriptome-wide analysis of intracranial artery in patients with moyamoya disease showing upregulation of immune response, and downregulation of oxidative phosphorylation and DNA repair. Neurosurgical Focus, 2021, 51, E3.	1.0	15
27	Improved methods of AAV-mediated gene targeting for human cell lines using ribosome-skipping 2A peptide. Nucleic Acids Research, 2016, 44, e54-e54.	6.5	14
28	Inhibition of NADPH oxidase 2 induces apoptosis in osteosarcoma: The role of reactive oxygen species in cell proliferation. Oncology Letters, 2018, 15, 7955-7962.	0.8	14
29	PBK expression predicts favorable survival in colorectal cancer patients. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 479, 277-284.	1.4	14
30	Upregulation of plasma CCL8 in mouse model of graft-vs-host disease. Experimental Hematology, 2009, 37, 525-531.	0.2	13
31	Assessment of the long-term transcriptional activity of a 550-bp-long human Î²-actin promoter region. Plasmid, 2012, 68, 195-200.	0.4	13
32	Generation of PTENâ€knockout (â€/â€) murine prostate cancer cells using the CRISPR/Cas9 system and comprehensive gene expression profiling. Oncology Reports, 2018, 40, 2455-2466.	1.2	13
33	Establishment and characterization of <scp>CRISPR</scp>/Cas9â€mediated <scp>NF</scp>2^{â^'/â^'} human mesothelial cell line: Molecular insight into fibroblast growth factor receptor 2 in malignant pleural mesothelioma. Cancer Science, 2019, 110, 180-193.	1.7	13
34	Targeting MEF2D-fusion Oncogenic Transcriptional Circuitries in B-cell Precursor Acute Lymphoblastic Leukemia. Blood Cancer Discovery, 2020, 1, 82-95.	2.6	12
35	Interferon-Î±/Î² and Anti-Fibroblast Growth Factor Receptor 1 Monoclonal Antibody Suppress Hepatic Cancer Cells In Vitro and In Vivo. PLoS ONE, 2011, 6, e19618.	1.1	11
36	Stress Effects on nP Yellow Excitons in Cu₂O Thin Films Recrystallized Epitaxially in a Sample Gap between Paired MgO Substrates. Journal of the Physical Society of Japan, 2014, 83, 124714.	0.7	10

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37	Novel Interleukin-6 Inducible Gene PDZ-Binding Kinase Promotes Tumor Growth of Multiple Myeloma Cells. Journal of Interferon and Cytokine Research, 2020, 40, 389-405.	0.5	10
38	Identification of CD24 as a potential diagnostic and therapeutic target for malignant pleural mesothelioma. Cell Death Discovery, 2020, 6, 127.	2.0	10
39	High-resolution 400K oligonucleotide array comparative genomic hybridization analysis of neurofibromatosis type 1-associated cutaneous neurofibromas. Gene, 2015, 558, 220-226.	1.0	9
40	Overexpression of salivary-type amylase reduces the sensitivity to bortezomib in multiple myeloma cells. International Journal of Hematology, 2015, 102, 569-578.	0.7	8
41	Versican A-subdomain is required for its adequate function in dermal development. Connective Tissue Research, 2018, 59, 178-190.	1.1	8
42	Novel Mechanistic Insights into the Anti-cancer Mode of Arsenic Trioxide. Current Cancer Drug Targets, 2020, 20, 115-129.	0.8	8
43	PBK Enhances Cellular Proliferation With Histone H3 Phosphorylation and Suppresses Migration and Invasion With CDH1 Stabilization in Colorectal Cancer. Frontiers in Pharmacology, 2021, 12, 772926.	1.6	8
44	Establishment and characterization of a novel vincristineâ€resistant diffuse large Bâ€cell lymphoma cell line containing the 8q24 homogeneously staining region. FEBS Open Bio, 2018, 8, 1977-1991.	1.0	7
45	CD52 is a novel target for the treatment of FLT3-ITD-mutated myeloid leukemia. Cell Death Discovery, 2021, 7, 121.	2.0	7
46	The plant alkaloid conophylline inhibits matrix formation of fibroblasts. Journal of Biological Chemistry, 2018, 293, 20214-20226.	1.6	6
47	Interferonâ€Î³â€induced HLA Class II expression on endothelial cells is decreased by inhibition of mTOR and HMGâ€CoA reductase. FEBS Open Bio, 2020, 10, 927-936.	1.0	6
48	A system for the measurement of gene targeting efficiency in human cell lines using an antibiotic resistanceâ€”GFP fusion gene. BioTechniques, 2012, 53, 141-152.	0.8	5
49	Experimental strategies to achieve efficient targeted knock-in via tandem paired nicking. Scientific Reports, 2021, 11, 22627.	1.6	5
50	Arsenic-Based Anticancer-Combined Therapy: Novel Mechanism Inducing Apoptosis of Cancer Cells. , 0, , .		3
51	Chromosomal translocation t(11;14) and p53 deletion induced by the CRISPR/Cas9 system in normal B cell-derived iPS cells. Scientific Reports, 2021, 11, 5216.	1.6	3
52	Establishment of a mouse model for injury-induced scar formation and the accompanying chronic pain: Comprehensive microarray analysis of molecular expressions in fibrosis and hyperalgesia. Molecular Pain, 2019, 15, 174480691989238.	1.0	1
53	The Clinical and Biological Effects of PD-1 Expression on Tumor Cells in Diffuse Large B-Cell Lymphoma. Hemato, 2021, 2, 368-381.	0.2	1
54	Flow cytometry-based quantification of targeted knock-in events in human cell lines using a GPI-anchor biosynthesis gene PIGP. Bioscience Reports, 2021, 41, .	1.1	1

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55	Correction of a CD55 mutation to quantify the efficiency of targeted knock-in via flow cytometry. Molecular Biology Reports, 2022, , 1.	1.0	1
56	Plumbagin-induced anticancer effects are associated with mitochondrial-encoded respiratory gene downregulation in oral squamous cell carcinoma. Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology, 2022, 34, 805-812.	0.2	1
57	The analysis of delta40p53, one of p53 splicing isoforms, in hepatocellular carcinoma cells. Journal of Hepatology, 2018, 68, S135-S136.	1.8	0
58	Toxicity of arsenicals in diseases: friend or foe?. , 2021, , 517-543.		0
59	Lipopolysaccharide Augments Foam Cell Formation through the Downregulation of ABCG1 in Murine Macrophages: Role of ERK1/2 Signaling. FASEB Journal, 2021, 35, .	0.2	0
60	Double â€ Stranded RNA Analog Poly I:C Enhances the Expression of Lectinâ€Like Oxidized LDL Receptorâ€1 in Macrophages: Role of ERK1/2 Signaling. FASEB Journal, 2021, 35, .	0.2	0
61	Contig Array CGH at 3p14.2 Points to the FHIT Gene as the Deleted Gene in Diffuse Large B Cell Lymphoma.. Blood, 2004, 104, 1543-1543.	0.6	0
62	Amylase-Producing Myeloma Cells Reduced Sensitivity to Dexamethasone and Bortezomib.. Blood, 2014, 124, 5690-5690.	0.6	0
63	Efficient AAV-mediated Gene Targeting Using 2A-based Promoter-trap System. Bio-protocol, 2016, 6, .	0.2	0
64	Establishment of a Novel DLBCL Cell Line: AMU-ML2, Derived from a Primary Refractory Patient Shows Homogeneous Staining Region of 8q24 Inducing High Expression of Long Non-Coding RNAs Encoded By PVT1 and Resistance to Vincristine. Blood, 2016, 128, 2950-2950.	0.6	0
65	Attempt to Prove the Existence of Abnormal B Lymphocyte As Myeloma-Initiating Cells from B Cell-Derived Induced Pluripotent Stem Cells. Blood, 2018, 132, 1896-1896.	0.6	0
66	Introduction of Chromosomal Translocation t(11; 14) and a p53 Deletion into Normal B Cell-Derived iPSCs to Elucidate the Cellular Origin of Myeloma Cells. Blood, 2019, 134, 3057-3057.	0.6	0
67	Identification of cisplatin-resistant factor by integration of transcriptomic and proteomic data using head and neck carcinoma cell lines. Nagoya Journal of Medical Science, 2020, 82, 519-531.	0.6	0
68	Normal B Cell-Derived iPSCs Capable of Inducing RAS Mutants and Aid to Explore Myeloma-Initiating Cells. Blood, 2021, 138, 4711-4711.	0.6	0
69	Chromosomal Translocation t(11;14) Induced By the Cre-Loxp System in Normal B Cell-Derived Ips Cells for the Study of Myeloma-Initiating Cells. Blood, 2020, 136, 18-19.	0.6	0
70	Targeting MEF2D-fusion Oncogenic Transcriptional Circuitries in B-cell Precursor Acute Lymphoblastic Leukemia. Blood Cancer Discovery, 2020, 1, 82-95.	2.6	0