Hiroshi Tazawa

List of Publications by Year
in descending order

111	4,351	117453	123241
papers	citations	34 h-index	61 g-index

112	112	112	5650
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tumor-suppressive miR-34a induces senescence-like growth arrest through modulation of the E2F pathway in human colon cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15472-15477.	3.3	879
2	Cancer-Associated Fibroblasts Affect Intratumoral CD8+ and FoxP3+ T Cells Via IL6 in the Tumor Microenvironment. Clinical Cancer Research, 2018, 24, 4820-4833.	3.2	225
3	Infiltration of Neutrophils Is Required for Acquisition of Metastatic Phenotype of Benign Murine Fibrosarcoma Cells. American Journal of Pathology, 2003, 163, 2221-2232.	1.9	174
4	Prevention of human cancer by modulation of chronic inflammatory processes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 591, 110-122.	0.4	145
5	Thymosin-Î²4 Regulates Motility and Metastasis of Malignant Mouse Fibrosarcoma Cells. American Journal of Pathology, 2002, 160, 869-882.	1.9	120
6	Tumor-targeting Salmonella typhimurium A1-R decoys quiescent cancer cells to cycle as visualized by FUCCI imaging and become sensitive to chemotherapy. Cell Cycle, 2014, 13, 3958-3963.	1.3	96
7	A simple biological imaging system for detecting viable human circulating tumor cells. Journal of Clinical Investigation, 2009, 119, 3172-3181.	3.9	94
8	Cancerâ€associated fibroblasts (CAFs) promote the lymph node metastasis of esophageal squamous cell carcinoma. International Journal of Cancer, 2019, 144, 828-840.	2.3	78
9	The epithelial-to-mesenchymal transition induced by tumor-associated macrophages confers chemoresistance in peritoneally disseminated pancreatic cancer. Journal of Experimental and Clinical Cancer Research, 2018, 37, 307.	3.5	75
10	CSF1/CSF1R Signaling Inhibitor Pexidartinib (PLX3397) Reprograms Tumor-Associated Macrophages and Stimulates T-cell Infiltration in the Sarcoma Microenvironment. Molecular Cancer Therapeutics, 2021, 20, 1388-1399.	1.9	73
11	Telomerase-Dependent Oncolytic Adenovirus Sensitizes Human Cancer Cells to Ionizing Radiation via Inhibition of DNA Repair Machinery. Cancer Research, 2010, 70, 9339-9348.	0.4	70
12	A Genetically Engineered Oncolytic Adenovirus Decoys and Lethally Traps Quiescent Cancer Stemâ€“like Cells in S/G2/M Phases. Clinical Cancer Research, 2013, 19, 6495-6505.	3.2	70
13	Spatialâ€“temporal FUCCI imaging of each cell in a tumor demonstrates locational dependence of cell cycle dynamics and chemoresponsiveness. Cell Cycle, 2014, 13, 2110-2119.	1.3	69
14	Invading cancer cells are predominantly in G₀/G₁resulting in chemoresistance demonstrated by real-time FUCCI imaging. Cell Cycle, 2014, 13, 953-960.	1.3	67
15	Targeting neutrophil extracellular traps with thrombomodulin prevents pancreatic cancer metastasis. Cancer Letters, 2021, 497, 1-13.	3.2	65
16	Conversion of Human Colonic Adenoma Cells to Adenocarcinoma Cells Through Inflammation in Nude Mice. Laboratory Investigation, 2000, 80, 1617-1628.	1.7	55
17	Increased risk of intestinal type of gastric adenocarcinoma in Japanese women associated with long forms of CCTTT pentanucleotide repeat in the inducible nitric oxide synthase promoter. Cancer Letters, 2005, 217, 197-202.	3.2	54
18	Dual Programmed Cell Death Pathways Induced by p53 Transactivation Overcome Resistance to Oncolytic Adenovirus in Human Osteosarcoma Cells. Molecular Cancer Therapeutics, 2013, 12, 314-325.	1.9	54

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19	HER2-targeted gold nanoparticles potentially overcome resistance to trastuzumab in gastric cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 1919-1929.	1.7	52
20	Advances in adenovirus-mediated p53 cancer gene therapy. Expert Opinion on Biological Therapy, 2013, 13, 1569-1583.	1.4	50
21	Color-coding cancer and stromal cells with genetic reporters in a patient-derived orthotopic xenograft (PDOX) model of pancreatic cancer enhances fluorescence-guided surgery. Cancer Gene Therapy, 2015, 22, 344-350.	2.2	50
22	The Role of Nicotinamide Adenine Dinucleotide Phosphate Oxidase-Derived Reactive Oxygen Species in the Acquisition of Metastatic Ability of Tumor Cells. American Journal of Pathology, 2006, 169, 294-302.	1.9	49
23	Genetically engineered oncolytic adenovirus induces autophagic cell death through an E2F1â€microRNAâ€7â€epidermal growth factor receptor axis. International Journal of Cancer, 2012, 131, 2939-2950.	2.3	49
24	Photoimmunotherapy for cancer-associated fibroblasts targeting fibroblast activation protein in human esophageal squamous cell carcinoma. Cancer Biology and Therapy, 2019, 20, 1234-1248.	1.5	48
25	Fibroblast activation protein targeted near infrared photoimmunotherapy (NIR PIT) overcomes therapeutic resistance in human esophageal cancer. Scientific Reports, 2021, 11, 1693.	1.6	48
26	Preclinical Evaluation of Telomerase-Specific Oncolytic Virotherapy for Human Bone and Soft Tissue Sarcomas. Clinical Cancer Research, 2011, 17, 1828-1838.	3.2	46
27	Targeting tumors with a killer-reporter adenovirus for curative fluorescence-guided surgery of soft-tissue sarcoma. Oncotarget, 2015, 6, 13133-13148.	0.8	45
28	A novel apoptotic mechanism of genetically engineered adenovirus-mediated tumour-specific p53 overexpression through E1A-dependent p21 and MDM2 suppression. European Journal of Cancer, 2012, 48, 2282-2291.	1.3	44
29	Immune Modulation by Telomerase-Specific Oncolytic Adenovirus Synergistically Enhances Antitumor Efficacy with Anti-PD1 Antibody. Molecular Therapy, 2020, 28, 794-804.	3.7	42
30	Impact of Autophagy in Oncolytic Adenoviral Therapy for Cancer. International Journal of Molecular Sciences, 2017, 18, 1479.	1.8	41
31	Fluvoxamine, an anti-depressant, inhibits human glioblastoma invasion by disrupting actin polymerization. Scientific Reports, 2016, 6, 23372.	1.6	40
32	Activation of AZIN1 RNA editing is a novel mechanism that promotes invasive potential of cancer-associated fibroblasts in colorectal cancer. Cancer Letters, 2019, 444, 127-135.	3.2	40
33	Oxidative and nitrative stress caused by subcutaneous implantation of a foreign body accelerates sarcoma development in Trp53+/- mice. Carcinogenesis, 2007, 28, 191-198.	1.3	39
34	Experimental Curative Fluorescence-guided Surgery of Highly Invasive Glioblastoma Multiforme Selectively Labeled With a Killer-reporter Adenovirus. Molecular Therapy, 2015, 23, 1182-1188.	3.7	37
35	PD-L1 expression combined with microsatellite instability/CD8+ tumor infiltrating lymphocytes as a useful prognostic biomarker in gastric cancer. Scientific Reports, 2019, 9, 4633.	1.6	37
36	Prevention of inflammation-mediated acquisition of metastatic properties of benign mouse fibrosarcoma cells by administration of an orally available superoxide dismutase. British Journal of Cancer, 2006, 94, 854-862.	2.9	36

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37	Iron depletion is a novel therapeutic strategy to target cancer stem cells. Oncotarget, 2017, 8, 98405-98416.	0.8	36
38	Ablation of MCL1 expression by virally induced microRNA-29 reverses chemoresistance in human osteosarcomas. Scientific Reports, 2016, 6, 28953.	1.6	34
39	Cancer cells mimic in vivo spatial-temporal cell-cycle phase distribution and chemosensitivity in 3-dimensional GelfoamÂ® histoculture but not 2-dimensional culture as visualized with real-time FUCCI imaging. Cell Cycle, 2015, 14, 808-819.	1.3	33
40	MicroRNAs as potential target gene in cancer gene therapy of gastrointestinal tumors. Expert Opinion on Biological Therapy, 2011, 11, 145-155.	1.4	32
41	A protein transduction method using oligo-arginine (3R) for the delivery of transcription factors into cell nuclei. Biomaterials, 2012, 33, 4665-4672.	5.7	30
42	Cell-cycle-dependent drug-resistant quiescent cancer cells induce tumor angiogenesis after chemotherapy as visualized by real-time FUCCI imaging. Cell Cycle, 2017, 16, 406-414.	1.3	29
43	Visualization of epithelial-mesenchymal transition in an inflammatory microenvironmentâ€“colorectal cancer network. Scientific Reports, 2019, 9, 16378.	1.6	29
44	Molecular diagnosis and therapy for occult peritoneal metastasis in gastric cancer patients. World Journal of Gastroenterology, 2014, 20, 17796-17803.	1.4	28
45	Fluorescence virus-guided capturing system of human colorectal circulating tumour cells for non-invasive companion diagnostics. Gut, 2015, 64, 627-635.	6.1	27
46	Intraperitoneal cancer-immune microenvironment promotes peritoneal dissemination of gastric cancer. OncoImmunology, 2019, 8, e1671760.	2.1	27
47	Role of Tumor-Associated Macrophages in Sarcomas. Cancers, 2021, 13, 1086.	1.7	26
48	In Vivo Biological Purging for Lymph Node Metastasis of Human Colorectal Cancer by Telomerase-Specific Oncolytic Virotherapy. Annals of Surgery, 2010, 251, 1079-1086.	2.1	25
49	Oncolytic Virus-Mediated Targeting of the ERK Signaling Pathway Inhibits Invasive Propensity in Human Pancreatic Cancer. Molecular Therapy - Oncolytics, 2020, 17, 107-117.	2.0	25
50	Phase I dose-escalation study of endoscopic intratumoral injection of OBP-301 (Telomelysin) with radiotherapy in oesophageal cancer patients unfit for standard treatments. European Journal of Cancer, 2021, 153, 98-108.	1.3	25
51	Viral transduction of the HER2-extracellular domain expands trastuzumab-based photoimmunotherapy for HER2-negative breast cancer cells. Breast Cancer Research and Treatment, 2015, 149, 597-605.	1.1	24
52	Trastuzumab-Based Photoimmunotherapy Integrated with Viral HER2 Transduction Inhibits Peritoneally Disseminated HER2-Negative Cancer. Molecular Cancer Therapeutics, 2016, 15, 402-411.	1.9	23
53	Liposome-encapsulated plasmid DNA of telomerase-specific oncolytic adenovirus with stealth effect on the immune system. Scientific Reports, 2017, 7, 14177.	1.6	23
54	Mechanism of resistance to trastuzumab and molecular sensitization via ADCC activation by exogenous expression of HER2-extracellular domain in human cancer cells. Cancer Immunology, Immunotherapy, 2012, 61, 1905-1916.	2.0	22

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55	Mouse strain differences in inflammatory responses of colonic mucosa induced by dextran sulfate sodium cause differential susceptibility to PhIP-induced large bowel carcinogenesis. Cancer Science, 2007, 98, 1157-1163.	1.7	21
56	Fascin regulates chronic inflammationâ€related human colon carcinogenesis by inhibiting cell anoikis. Proteomics, 2014, 14, 1031-1041.	1.3	21
57	Iron depletion enhances the effect of sorafenib in hepatocarcinoma. Cancer Biology and Therapy, 2016, 17, 648-656.	1.5	21
58	A Novel Combination Cancer Therapy with Iron Chelator Targeting Cancer Stem Cells via Suppressing Stemness. Cancers, 2019, 11, 177.	1.7	21
59	Boosting Replication and Penetration of Oncolytic Adenovirus by Paclitaxel Eradicate Peritoneal Metastasis of Gastric Cancer. Molecular Therapy - Oncolytics, 2020, 18, 262-271.	2.0	21
60	Oncolytic adenovirus-induced autophagy: tumor-suppressive effect and molecular basis. Acta Medica Okayama, 2013, 67, 333-42.	0.1	20
61	Involvement of reactive nitrogen oxides for acquisition of metastatic properties of benign tumors in a model of inflammation-based tumor progression. Nitric Oxide - Biology and Chemistry, 2006, 14, 122-129.	1.2	19
62	Telomerase-specific oncolytic immunotherapy for promoting efficacy of PD-1 blockade in osteosarcoma. Cancer Immunology, Immunotherapy, 2021, 70, 1405-1417.	2.0	19
63	Eradication of osteosarcoma by fluorescence-guided surgery with tumor labeling by a killer-reporter adenovirus. Journal of Orthopaedic Research, 2016, 34, 836-844.	1.2	18
64	Suppression of thymic lymphomas and increased nonthymic lymphomagenesis inTrp53-deficient mice lacking inducible nitric oxide synthase gene. International Journal of Cancer, 2004, 111, 819-828.	2.3	17
65	Targeted Photodynamic Virotherapy Armed with a Genetically Encoded Photosensitizer. Molecular Cancer Therapeutics, 2016, 15, 199-208.	1.9	17
66	Bone and Soft-Tissue Sarcoma: A New Target for Telomerase-Specific Oncolytic Virotherapy. Cancers, 2020, 12, 478.	1.7	17
67	The hTERT Promoter Enhances the Antitumor Activity of an Oncolytic Adenovirus under a Hypoxic Microenvironment. PLoS ONE, 2012, 7, e39292.	1.1	16
68	FUCCI Real-Time Cell-Cycle Imaging as a Guide for Designing Improved Cancer Therapy: A Review of Innovative Strategies to Target Quiescent Chemo-Resistant Cancer Cells. Cancers, 2020, 12, 2655.	1.7	16
69	Fluorescence-guided surgery of a highly-metastatic variant of human triple-negative breast cancer targeted with a cancer-specific GFP adenovirus prevents recurrence. Oncotarget, 2016, 7, 75635-75647.	0.8	16
70	Iron depletion-induced downregulation of N-cadherin expression inhibits invasive malignant phenotypes in human esophageal cancer. International Journal of Oncology, 2016, 49, 1351-1359.	1.4	15
71	Establishment of a Non-Invasive Semi-Quantitative Bioluminescent Imaging Method for Monitoring of an Orthotopic Esophageal Cancer Mouse Model. PLoS ONE, 2014, 9, e114562.	1.1	15
72	Chronic inflammation-derived nitric oxide causes conversion of human colonic adenoma cells into adenocarcinoma cells. Experimental Cell Research, 2013, 319, 2835-2844.	1.2	14

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73	Local oncolytic adenovirotherapy produces an abscopal effect via tumor-derived extracellular vesicles. Molecular Therapy, 2021, 29, 2920-2930.	3.7	14
74	Antiâ€“high mobility group box 1 monoclonal antibody improves ischemia/reperfusion injury and mode of liver regeneration after partial hepatectomy. American Journal of Surgery, 2016, 211, 179-188.	0.9	13
75	Elimination of MYCN-Amplified Neuroblastoma Cells by Telomerase-Targeted Oncolytic Virus via MYCN Suppression. Molecular Therapy - Oncolytics, 2020, 18, 14-23.	2.0	13
76	p53 Replacement Therapy for Cancer. Recent Results in Cancer Research, 2016, 209, 1-15.	1.8	12
77	Role of zoledronic acid in oncolytic virotherapy: Promotion of antitumor effect and prevention of bone destruction. Cancer Science, 2017, 108, 1870-1880.	1.7	12
78	Nanog is a promising chemoresistant stemness marker and therapeutic target by iron chelators for esophageal cancer. International Journal of Cancer, 2021, 149, 347-357.	2.3	12
79	Integrated fluorescent cytology with nanoâ€biologics in peritoneally disseminated gastric cancer. Cancer Science, 2018, 109, 3263-3271.	1.7	11
80	In Vivo Selection of Intermediately- and Highly- Malignant Variants of Triple-negative Breast Cancer in Orthotopic Nude Mouse Models. Anticancer Research, 2016, 36, 6273-6278.	0.5	11
81	Synergistic Interaction of Telomerase-Specific Oncolytic Virotherapy and Chemotherapeutic Agents for Human Cancer. Current Pharmaceutical Biotechnology, 2012, 13, 1809-1816.	0.9	10
82	A simple detection system for adenovirus receptor expression using a telomerase-specific replication-competent adenovirus. Gene Therapy, 2013, 20, 112-118.	2.3	10
83	Genetic and epigenetic alterations of netrin-1 receptors in gastric cancer with chromosomal instability. Clinical Epigenetics, 2015, 7, 73.	1.8	10
84	Loss of p53 in stromal fibroblasts enhances tumor cell proliferation through nitric-oxide-mediated cyclooxygenase 2 activation. Free Radical Research, 2015, 49, 269-278.	1.5	10
85	Tumor-specific delivery of biologics by a novel T-cell line HOZOT. Scientific Reports, 2016, 6, 38060.	1.6	10
86	Extracellular vesicles shed from gastric cancer mediate protumor macrophage differentiation. BMC Cancer, 2021, 21, 102.	1.1	10
87	Biological Ablation of Sentinel Lymph Node Metastasis in Submucosally Invaded Early Gastrointestinal Cancer. Molecular Therapy, 2015, 23, 501-509.	3.7	9
88	Eradication of melanoma in vitro and in vivo via targeting with a Killer-Red-containing telomerase-dependent adenovirus. Cell Cycle, 2017, 16, 1502-1508.	1.3	9
89	OBP-401-GFP telomerase-dependent adenovirus illuminates and kills high-metastatic more effectively than low-metastatic triple-negative breast cancer in vitro. Cancer Gene Therapy, 2017, 24, 45-47.	2.2	8
90	Real-Time Fluorescence Image-Guided Oncolytic Virotherapy for Precise Cancer Treatment. International Journal of Molecular Sciences, 2021, 22, 879.	1.8	8

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91	Tumor-targeting adenovirus OBP-401 inhibits primary and metastatic tumor growth of triple-negative breast cancer in orthotopic nude-mouse models. Oncotarget, 2016, 7, 85273-85282.	0.8	7
92	In Vivo Isolation of a Highly-aggressive Variant of Triple-negative Human Breast Cancer MDA-MB-231 Using Serial Orthotopic Transplantation. Anticancer Research, 2016, 36, 3817-20.	0.5	7
93	Modulation of p53 expression in cancer-associated fibroblasts prevents peritoneal metastasis of gastric cancer. Molecular Therapy - Oncolytics, 2022, 25, 249-261.	2.0	7
94	Regulatory T cells induce a suppressive immune milieu and promote lymph node metastasis in intrahepatic cholangiocarcinoma. British Journal of Cancer, 2022, 127, 757-765.	2.9	7
95	Therapeutic Cellâ€Cycleâ€Decoy Efficacy of a Telomeraseâ€Dependent Adenovirus in an Orthotopic Model of Chemotherapyâ€Resistant Human Stomach Carcinomatosis Peritonitis Visualized With FUCCI Imaging. Journal of Cellular Biochemistry, 2017, 118, 3635-3642.	1.2	6
96	Oncolytic virotherapy reverses chemoresistance in osteosarcoma by suppressing MDR1 expression. Cancer Chemotherapy and Pharmacology, 2021, 88, 513-524.	1.1	6
97	Hyperthermia generated by magnetic nanoparticles for effective treatment of disseminated peritoneal cancer in an orthotopic nude-mouse model. Cell Cycle, 2021, 20, 1122-1133.	1.3	6
98	Immuno-hyperthermia effected by antibody-conjugated nanoparticles selectively targets and eradicates individual cancer cells. Cell Cycle, 2021, 20, 1221-1230.	1.3	5
99	Enhanced Metastatic Recurrence Via Lymphatic Trafficking of a High-Metastatic Variant of Human Triple-Negative Breast Cancer After Surgical Resection in Orthotopic Nude Mouse Models. Journal of Cellular Biochemistry, 2017, 118, 559-569.	1.2	4
100	Oncolytic virotherapy promotes radiosensitivity in soft tissue sarcoma by suppressing anti-apoptotic MCL1 expression. PLoS ONE, 2021, 16, e0250643.	1.1	4
101	Comparison of Tumor Recurrence After Resection of Highly- and Poorly-Metastatic Triple-negative Breast Cancer in Orthotopic Nude-Mouse Models. Anticancer Research, 2017, 37, 57-60.	0.5	4
102	Establishment of a pancreatic stem cell line from fibroblast-derived induced pluripotent stem cells. BioMedical Engineering OnLine, 2014, 13, 64.	1.3	3
103	GFP labeling kinetics of triple-negative human breast cancer by a killer-reporter adenovirus in 3D GelfoamÂ® histoculture. In Vitro Cellular and Developmental Biology - Animal, 2017, 53, 479-482.	0.7	3
104	High-metastatic triple-negative breast-cancer variants selected in vivo become chemoresistant in vitro. In Vitro Cellular and Developmental Biology - Animal, 2017, 53, 285-287.	0.7	3
105	Comparison of in vitro invasiveness of high- and low-metastatic triple-negative human breast cancer visualized by color-coded imaging. In Vitro Cellular and Developmental Biology - Animal, 2017, 53, 96-98.	0.7	3
106	Efficacy of a Cell-Cycle Decoying Killer Adenovirus on 3-D GelfoamÂ®-Histoculture and Tumor-Sphere Models of Chemo-Resistant Stomach Carcinomatosis Visualized by FUCCI Imaging. PLoS ONE, 2016, 11, e0162991.	1.1	3
107	Tumorâ€targeted fluorescence labeling systems for cancer diagnosis and treatment. Cancer Science, 2022, 113, 1919-1929.	1.7	3
108	Radiosensitization by telomerase-dependent oncolytic adenovirus. Okayama Igakkai Zasshi, 2011, 123, 103-109.	0.0	0

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109	Preclinical evaluation of telomerase-specific oncolytic virotherapy for human bone and soft tissue sarcomas. Okayama Igakkai Zasshi, 2012, 124, 105-110.	0.0	0
110	Telomerase-specific virotherapy targeting lymph node micrometastasis of human cancer. Okayama Igakkai Zasshi, 2013, 125, 9-12.	0.0	0
111	Multidisciplinary Cancer Therapy with Telomerase-Specific Oncolytic Adenovirus. Current Cancer Therapy Reviews, 2016, 11, 178-187.	0.2	0