

Hiroshi Tazawa

List of Publications by Citations

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108
papers

3,286
citations

29
h-index

54
g-index

112
ext. papers

3,857
ext. citations

5.9
avg, IF

4.94
L-index

#	Paper	IF	Citations
108	Tumor-suppressive miR-34a induces senescence-like growth arrest through modulation of the E2F pathway in human colon cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15472-7	11.5	802
107	Infiltration of neutrophils is required for acquisition of metastatic phenotype of benign murine fibrosarcoma cells: implication of inflammation-associated carcinogenesis and tumor progression. <i>American Journal of Pathology</i> , 2003 , 163, 2221-32	5.8	151
106	Cancer-Associated Fibroblasts Affect Intratumoral CD8 and FoxP3 T Cells Via IL6 in the Tumor Microenvironment. <i>Clinical Cancer Research</i> , 2018 , 24, 4820-4833	12.9	128
105	Prevention of human cancer by modulation of chronic inflammatory processes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005 , 591, 110-22	3.3	126
104	Thymosin-beta4 regulates motility and metastasis of malignant mouse fibrosarcoma cells. <i>American Journal of Pathology</i> , 2002 , 160, 869-82	5.8	113
103	Tumor-targeting Salmonella typhimurium A1-R decoys quiescent cancer cells to cycle as visualized by Fucci imaging and become sensitive to chemotherapy. <i>Cell Cycle</i> , 2014 , 13, 3958-63	4.7	86
102	A simple biological imaging system for detecting viable human circulating tumor cells. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3172-81	15.9	81
101	A genetically engineered oncolytic adenovirus decoys and lethally traps quiescent cancer stem-like cells in S/G2/M phases. <i>Clinical Cancer Research</i> , 2013 , 19, 6495-505	12.9	59
100	Telomerase-dependent oncolytic adenovirus sensitizes human cancer cells to ionizing radiation via inhibition of DNA repair machinery. <i>Cancer Research</i> , 2010 , 70, 9339-48	10.1	58
99	Spatial-temporal Fucci imaging of each cell in a tumor demonstrates locational dependence of cell cycle dynamics and chemoresponsiveness. <i>Cell Cycle</i> , 2014 , 13, 2110-9	4.7	52
98	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. <i>Cancer Letters</i> , 2005 , 217, 197-202	9.9	51
97	The epithelial-to-mesenchymal transition induced by tumor-associated macrophages confers chemoresistance in peritoneally disseminated pancreatic cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018 , 37, 307	12.8	51
96	Invading cancer cells are predominantly in G0/G1 resulting in chemoresistance demonstrated by real-time Fucci imaging. <i>Cell Cycle</i> , 2014 , 13, 953-60	4.7	49
95	Conversion of human colonic adenoma cells to adenocarcinoma cells through inflammation in nude mice. <i>Laboratory Investigation</i> , 2000 , 80, 1617-28	5.9	49
94	Color-coding cancer and stromal cells with genetic reporters in a patient-derived orthotopic xenograft (PDOX) model of pancreatic cancer enhances fluorescence-guided surgery. <i>Cancer Gene Therapy</i> , 2015 , 22, 344-50	5.4	48
93	Advances in adenovirus-mediated p53 cancer gene therapy. <i>Expert Opinion on Biological Therapy</i> , 2013 , 13, 1569-83	5.4	44
92	Dual programmed cell death pathways induced by p53 transactivation overcome resistance to oncolytic adenovirus in human osteosarcoma cells. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 314-25	6.1	44

91	Targeting tumors with a killer-reporter adenovirus for curative fluorescence-guided surgery of soft-tissue sarcoma. <i>Oncotarget</i> , 2015 , 6, 13133-48	3.3	44
90	Genetically engineered oncolytic adenovirus induces autophagic cell death through an E2F1-microRNA-7-epidermal growth factor receptor axis. <i>International Journal of Cancer</i> , 2012 , 131, 2939-50	7.5	43
89	The role of nicotinamide adenine dinucleotide phosphate oxidase-derived reactive oxygen species in the acquisition of metastatic ability of tumor cells. <i>American Journal of Pathology</i> , 2006 , 169, 294-302	5.8	43
88	Cancer-associated fibroblasts (CAFs) promote the lymph node metastasis of esophageal squamous cell carcinoma. <i>International Journal of Cancer</i> , 2019 , 144, 828-840	7.5	42
87	Preclinical evaluation of telomerase-specific oncolytic virotherapy for human bone and soft tissue sarcomas. <i>Clinical Cancer Research</i> , 2011 , 17, 1828-38	12.9	41
86	Experimental Curative Fluorescence-guided Surgery of Highly Invasive Glioblastoma Multiforme Selectively Labeled With a Killer-reporter Adenovirus. <i>Molecular Therapy</i> , 2015 , 23, 1182-1188	11.7	36
85	Oxidative and nitrative stress caused by subcutaneous implantation of a foreign body accelerates sarcoma development in Trp53+/- mice. <i>Carcinogenesis</i> , 2007 , 28, 191-8	4.6	36
84	A novel apoptotic mechanism of genetically engineered adenovirus-mediated tumour-specific p53 overexpression through E1A-dependent p21 and MDM2 suppression. <i>European Journal of Cancer</i> , 2012 , 48, 2282-91	7.5	34
83	Impact of Autophagy in Oncolytic Adenoviral Therapy for Cancer. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	33
82	HER2-targeted gold nanoparticles potentially overcome resistance to trastuzumab in gastric cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 1919-1929	6	32
81	Prevention of inflammation-mediated acquisition of metastatic properties of benign mouse fibrosarcoma cells by administration of an orally available superoxide dismutase. <i>British Journal of Cancer</i> , 2006 , 94, 854-62	8.7	29
80	Fluvoxamine, an anti-depressant, inhibits human glioblastoma invasion by disrupting actin polymerization. <i>Scientific Reports</i> , 2016 , 6, 23372	4.9	29
79	MicroRNAs as potential target gene in cancer gene therapy of gastrointestinal tumors. <i>Expert Opinion on Biological Therapy</i> , 2011 , 11, 145-55	5.4	28
78	A protein transduction method using oligo-arginine (3R) for the delivery of transcription factors into cell nuclei. <i>Biomaterials</i> , 2012 , 33, 4665-72	15.6	27
77	Cancer cells mimic in vivo spatial-temporal cell-cycle phase distribution and chemosensitivity in 3-dimensional Gelfoam histoculture but not 2-dimensional culture as visualized with real-time Fucci imaging. <i>Cell Cycle</i> , 2015 , 14, 808-19	4.7	26
76	Ablation of MCL1 expression by virally induced microRNA-29 reverses chemoresistance in human osteosarcomas. <i>Scientific Reports</i> , 2016 , 6, 28953	4.9	25
75	In vivo biological purging for lymph node metastasis of human colorectal cancer by telomerase-specific oncolytic virotherapy. <i>Annals of Surgery</i> , 2010 , 251, 1079-86	7.8	24
74	Fluorescence virus-guided capturing system of human colorectal circulating tumour cells for non-invasive companion diagnostics. <i>Gut</i> , 2015 , 64, 627-35	19.2	23

73	Iron depletion is a novel therapeutic strategy to target cancer stem cells. <i>Oncotarget</i> , 2017 , 8, 98405-98416	5.6	23
72	Molecular diagnosis and therapy for occult peritoneal metastasis in gastric cancer patients. <i>World Journal of Gastroenterology</i> , 2014 , 20, 17796-803	5.6	22
71	PD-L1 expression combined with microsatellite instability/CD8+ tumor infiltrating lymphocytes as a useful prognostic biomarker in gastric cancer. <i>Scientific Reports</i> , 2019 , 9, 4633	4.9	21
70	Trastuzumab-Based Photoimmunotherapy Integrated with Viral HER2 Transduction Inhibits Peritoneally Disseminated HER2-Negative Cancer. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 402-11	6.1	21
69	Mechanism of resistance to trastuzumab and molecular sensitization via ADCC activation by exogenous expression of HER2-extracellular domain in human cancer cells. <i>Cancer Immunology, Immunotherapy</i> , 2012 , 61, 1905-16	7.4	21
68	Photoimmunotherapy for cancer-associated fibroblasts targeting fibroblast activation protein in human esophageal squamous cell carcinoma. <i>Cancer Biology and Therapy</i> , 2019 , 20, 1234-1248	4.6	20
67	Fascin regulates chronic inflammation-related human colon carcinogenesis by inhibiting cell anoikis. <i>Proteomics</i> , 2014 , 14, 1031-41	4.8	20
66	Targeting neutrophil extracellular traps with thrombomodulin prevents pancreatic cancer metastasis. <i>Cancer Letters</i> , 2021 , 497, 1-13	9.9	20
65	Immune Modulation by Telomerase-Specific Oncolytic Adenovirus Synergistically Enhances Antitumor Efficacy with Anti-PD1 Antibody. <i>Molecular Therapy</i> , 2020 , 28, 794-804	11.7	18
64	Visualization of epithelial-mesenchymal transition in an inflammatory microenvironment-colorectal cancer network. <i>Scientific Reports</i> , 2019 , 9, 16378	4.9	18
63	Intraperitoneal cancer-immune microenvironment promotes peritoneal dissemination of gastric cancer. <i>Oncolmmunology</i> , 2019 , 8, e1671760	7.2	18
62	Viral transduction of the HER2-extracellular domain expands trastuzumab-based photoimmunotherapy for HER2-negative breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2015 , 149, 597-605	4.4	18
61	Oncolytic adenovirus-induced autophagy: tumor-suppressive effect and molecular basis. <i>Acta Medica Okayama</i> , 2013 , 67, 333-42	0.5	18
60	Eradication of osteosarcoma by fluorescence-guided surgery with tumor labeling by a killer-reporter adenovirus. <i>Journal of Orthopaedic Research</i> , 2016 , 34, 836-44	3.8	18
59	Cell-cycle-dependent drug-resistant quiescent cancer cells induce tumor angiogenesis after chemotherapy as visualized by real-time Fucci imaging. <i>Cell Cycle</i> , 2017 , 16, 406-414	4.7	17
58	Involvement of reactive nitrogen oxides for acquisition of metastatic properties of benign tumors in a model of inflammation-based tumor progression. <i>Nitric Oxide - Biology and Chemistry</i> , 2006 , 14, 122-5	5	17
57	Liposome-encapsulated plasmid DNA of telomerase-specific oncolytic adenovirus with stealth effect on the immune system. <i>Scientific Reports</i> , 2017 , 7, 14177	4.9	16
56	Suppression of thymic lymphomas and increased nonthymic lymphomagenesis in Trp53-deficient mice lacking inducible nitric oxide synthase gene. <i>International Journal of Cancer</i> , 2004 , 111, 819-28	7.5	16

55	Mouse strain differences in inflammatory responses of colonic mucosa induced by dextran sulfate sodium cause differential susceptibility to PhIP-induced large bowel carcinogenesis. <i>Cancer Science</i> , 2007 , 98, 1157-63	6.9	15
54	Fluorescence-guided surgery of a highly-metastatic variant of human triple-negative breast cancer targeted with a cancer-specific GFP adenovirus prevents recurrence. <i>Oncotarget</i> , 2016 , 7, 75635-75647	3.3	15
53	Activation of AZIN1 RNA editing is a novel mechanism that promotes invasive potential of cancer-associated fibroblasts in colorectal cancer. <i>Cancer Letters</i> , 2019 , 444, 127-135	9.9	14
52	A Novel Combination Cancer Therapy with Iron Chelator Targeting Cancer Stem Cells via Suppressing Stemness. <i>Cancers</i> , 2019 , 11,	6.6	13
51	The hTERT promoter enhances the antitumor activity of an oncolytic adenovirus under a hypoxic microenvironment. <i>PLoS ONE</i> , 2012 , 7, e39292	3.7	13
50	Establishment of a Non-Invasive Semi-Quantitative Bioluminescent Imaging Method for Monitoring of an Orthotopic Esophageal Cancer Mouse Model. <i>PLoS ONE</i> , 2014 , 9, e114562	3.7	12
49	Iron depletion enhances the effect of sorafenib in hepatocarcinoma. <i>Cancer Biology and Therapy</i> , 2016 , 17, 648-56	4.6	12
48	Oncolytic Virus-Mediated Targeting of the ERK Signaling Pathway Inhibits Invasive Propensity in Human Pancreatic Cancer. <i>Molecular Therapy - Oncolytics</i> , 2020 , 17, 107-117	6.4	11
47	Targeted Photodynamic Virotherapy Armed with a Genetically Encoded Photosensitizer. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 199-208	6.1	11
46	Anti-high mobility group box 1 monoclonal antibody improves ischemia/reperfusion injury and mode of liver regeneration after partial hepatectomy. <i>American Journal of Surgery</i> , 2016 , 211, 179-88	2.7	11
45	CSF1/CSF1R Signaling Inhibitor Pexidartinib (PLX3397) Reprograms Tumor-Associated Macrophages and Stimulates T-cell Infiltration in the Sarcoma Microenvironment. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 1388-1399	6.1	11
44	Iron depletion-induced downregulation of N-cadherin expression inhibits invasive malignant phenotypes in human esophageal cancer. <i>International Journal of Oncology</i> , 2016 , 49, 1351-9	4.4	11
43	Bone and Soft-Tissue Sarcoma: A New Target for Telomerase-Specific Oncolytic Virotherapy. <i>Cancers</i> , 2020 , 12,	6.6	10
42	Chronic inflammation-derived nitric oxide causes conversion of human colonic adenoma cells into adenocarcinoma cells. <i>Experimental Cell Research</i> , 2013 , 319, 2835-44	4.2	10
41	Synergistic interaction of telomerase-specific oncolytic virotherapy and chemotherapeutic agents for human cancer. <i>Current Pharmaceutical Biotechnology</i> , 2012 , 13, 1809-16	2.6	10
40	In Vivo Selection of Intermediately- and Highly-Malignant Variants of Triple-negative Breast Cancer in Orthotopic Nude Mouse Models. <i>Anticancer Research</i> , 2016 , 36, 6273-6277	2.3	10
39	Fibroblast activation protein targeted near infrared photoimmunotherapy (NIR PIT) overcomes therapeutic resistance in human esophageal cancer. <i>Scientific Reports</i> , 2021 , 11, 1693	4.9	9
38	Biological ablation of sentinel lymph node metastasis in submucosally invaded early gastrointestinal cancer. <i>Molecular Therapy</i> , 2015 , 23, 501-9	11.7	8

37	Integrated fluorescent cytology with nano-biologics in peritoneally disseminated gastric cancer. <i>Cancer Science</i> , 2018 , 109, 3263-3271	6.9	8
36	Phase I dose-escalation study of endoscopic intratumoral injection of OBP-301 (Telomelysin) with radiotherapy in oesophageal cancer patients unfit for standard treatments. <i>European Journal of Cancer</i> , 2021 , 153, 98-108	7.5	8
35	Boosting Replication and Penetration of Oncolytic Adenovirus by Paclitaxel Eradicate Peritoneal Metastasis of Gastric Cancer. <i>Molecular Therapy - Oncolytics</i> , 2020 , 18, 262-271	6.4	7
34	A simple detection system for adenovirus receptor expression using a telomerase-specific replication-competent adenovirus. <i>Gene Therapy</i> , 2013 , 20, 112-8	4	7
33	Role of zoledronic acid in oncolytic virotherapy: Promotion of antitumor effect and prevention of bone destruction. <i>Cancer Science</i> , 2017 , 108, 1870-1880	6.9	7
32	Loss of p53 in stromal fibroblasts enhances tumor cell proliferation through nitric-oxide-mediated cyclooxygenase 2 activation. <i>Free Radical Research</i> , 2015 , 49, 269-78	4	7
31	Tumor-targeting adenovirus OBP-401 inhibits primary and metastatic tumor growth of triple-negative breast cancer in orthotopic nude-mouse models. <i>Oncotarget</i> , 2016 , 7, 85273-85282	3.3	7
30	Elimination of MYCN-Amplified Neuroblastoma Cells by Telomerase-Targeted Oncolytic Virus via MYCN Suppression. <i>Molecular Therapy - Oncolytics</i> , 2020 , 18, 14-23	6.4	7
29	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. <i>Cancers</i> , 2020 , 12,	6.6	7
28	In Vivo Isolation of a Highly-aggressive Variant of Triple-negative Human Breast Cancer MDA-MB-231 Using Serial Orthotopic Transplantation. <i>Anticancer Research</i> , 2016 , 36, 3817-20	2.3	7
27	OBP-401-GFP telomerase-dependent adenovirus illuminates and kills high-metastatic more effectively than low-metastatic triple-negative breast cancer in vitro. <i>Cancer Gene Therapy</i> , 2017 , 24, 45-47	5.4	6
26	Genetic and epigenetic alterations of netrin-1 receptors in gastric cancer with chromosomal instability. <i>Clinical Epigenetics</i> , 2015 , 7, 73	7.7	6
25	Tumor-specific delivery of biologics by a novel T-cell line HOZOT. <i>Scientific Reports</i> , 2016 , 6, 38060	4.9	6
24	p53 Replacement Therapy for Cancer. <i>Recent Results in Cancer Research</i> , 2016 , 209, 1-15	1.5	6
23	Telomerase-specific oncolytic immunotherapy for promoting efficacy of PD-1 blockade in osteosarcoma. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 1405-1417	7.4	5
22	Role of Tumor-Associated Macrophages in Sarcomas. <i>Cancers</i> , 2021 , 13,	6.6	5
21	Therapeutic Cell-Cycle-Decoy Efficacy of a Telomerase-Dependent Adenovirus in an Orthotopic Model of Chemotherapy-Resistant Human Stomach Carcinomatosis Peritonitis Visualized With FUCCI Imaging. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 3635-3642	4.7	4
20	Eradication of melanoma in vitro and in vivo via targeting with a Killer-Red-containing telomerase-dependent adenovirus. <i>Cell Cycle</i> , 2017 , 16, 1502-1508	4.7	4

19	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. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 559-569	4.7	4
18	Comparison of Tumor Recurrence After Resection of Highly- and Poorly-Metastatic Triple-negative Breast Cancer in Orthotopic Nude-Mouse Models. <i>Anticancer Research</i> , 2017 , 37, 57-60	2.3	4
17	Nanog is a promising chemoresistant stemness marker and therapeutic target by iron chelators for esophageal cancer. <i>International Journal of Cancer</i> , 2021 , 149, 347-357	7.5	4
16	GFP labeling kinetics of triple-negative human breast cancer by a killer-reporter adenovirus in 3D Gelfoam [®] histoculture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017 , 53, 479-482	2.6	3
15	High-metastatic triple-negative breast-cancer variants selected in vivo become chemoresistant in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017 , 53, 285-287	2.6	3
14	Comparison of in vitro invasiveness of high- and low-metastatic triple-negative human breast cancer visualized by color-coded imaging. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017 , 53, 96-98	2.6	3
13	Local oncolytic adenovirotherapy produces an abscopal effect via tumor-derived extracellular vesicles. <i>Molecular Therapy</i> , 2021 , 29, 2920-2930	11.7	3
12	Establishment of a pancreatic stem cell line from fibroblast-derived induced pluripotent stem cells. <i>BioMedical Engineering OnLine</i> , 2014 , 13, 64	4.1	2
11	Oncolytic virotherapy reverses chemoresistance in osteosarcoma by suppressing MDR1 expression. <i>Cancer Chemotherapy and Pharmacology</i> , 2021 , 88, 513-524	3.5	2
10	Immuno-hyperthermia effected by antibody-conjugated nanoparticles selectively targets and eradicates individual cancer cells. <i>Cell Cycle</i> , 2021 , 20, 1221-1230	4.7	2
9	Efficacy of a Cell-Cycle Decoying Killer Adenovirus on 3-D Gelfoam [®] -Histoculture and Tumor-Sphere Models of Chemo-Resistant Stomach Carcinomatosis Visualized by FUCCI Imaging. <i>PLoS ONE</i> , 2016 , 11, e0162991	3.7	1
8	Hyperthermia generated by magnetic nanoparticles for effective treatment of disseminated peritoneal cancer in an orthotopic nude-mouse model. <i>Cell Cycle</i> , 2021 , 20, 1122-1133	4.7	1
7	Extracellular vesicles shed from gastric cancer mediate protumor macrophage differentiation. <i>BMC Cancer</i> , 2021 , 21, 102	4.8	1
6	Real-Time Fluorescence Image-Guided Oncolytic Virotherapy for Precise Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
5	Modulation of p53 expression in cancer-associated fibroblasts prevents peritoneal metastasis of gastric cancer. <i>Molecular Therapy - Oncolytics</i> , 2022 , 25, 249-261	6.4	1
4	Oncolytic virotherapy promotes radiosensitivity in soft tissue sarcoma by suppressing anti-apoptotic MCL1 expression. <i>PLoS ONE</i> , 2021 , 16, e0250643	3.7	0
3	Radiosensitization by telomerase-dependent oncolytic adenovirus. <i>Okayama Igakkai Zasshi</i> , 2011 , 123, 103-109	0	
2	Preclinical evaluation of telomerase-specific oncolytic virotherapy for human bone and soft tissue sarcomas. <i>Okayama Igakkai Zasshi</i> , 2012 , 124, 105-110	0	

- 1 Telomerase-specific virotherapy targeting lymph node micrometastasis of human cancer. *Okayama Igakkai Zasshi*, **2013**, 125, 9-12

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