

Hideyuki Saya

List of Publications by Year in descending order

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12303

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times ranked

25974
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#	ARTICLE	IF	CITATIONS
1	CD44 Variant Regulates Redox Status in Cancer Cells by Stabilizing the xCT Subunit of System xc ⁺ and Thereby Promotes Tumor Growth. <i>Cancer Cell</i> , 2011, 19, 387-400.	7.7	1,020
2	Aurora-A – A guardian of poles. <i>Nature Reviews Cancer</i> , 2005, 5, 42-50.	12.8	655
3	Aurora-A and an Interacting Activator, the LIM Protein Ajuba, Are Required for Mitotic Commitment in Human Cells. <i>Cell</i> , 2003, 114, 585-598.	13.5	563
4	Mitogenic signalling and the p16INK4a–Rb pathway cooperate to enforce irreversible cellular senescence. <i>Nature Cell Biology</i> , 2006, 8, 1291-1297.	4.6	439
5	Mechanism and biological significance of CD44 cleavage. <i>Cancer Science</i> , 2004, 95, 930-935.	1.7	359
6	M-CSF inhibition selectively targets pathological angiogenesis and lymphangiogenesis. <i>Journal of Experimental Medicine</i> , 2009, 206, 1089-1102.	4.2	349
7	Proteolytic release of CD44 intracellular domain and its role in the CD44 signaling pathway. <i>Journal of Cell Biology</i> , 2001, 155, 755-762.	2.3	332
8	Alternative splicing of CD44 mRNA by ESRP1 enhances lung colonization of metastatic cancer cell. <i>Nature Communications</i> , 2012, 3, 883.	5.8	324
9	Aurora-A Kinase Maintains the Fidelity of Early and Late Mitotic Events in HeLa Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 51786-51795.	1.6	315
10	Expression of CD44R1 adhesion molecule in colon carcinomas and metastases. <i>Lancet, The</i> , 1993, 341, 725-726.	6.3	287
11	Modeling sporadic ALS in iPSC-derived motor neurons identifies a potential therapeutic agent. <i>Nature Medicine</i> , 2018, 24, 1579-1589.	15.2	268
12	Cell–matrix interaction via CD44 is independently regulated by different metalloproteinases activated in response to extracellular Ca ²⁺ influx and PKC activation. <i>Journal of Cell Biology</i> , 2004, 165, 893-902.	2.3	260
13	Activated macrophages promote Wnt signalling through tumour necrosis factor- β in gastric tumour cells. <i>EMBO Journal</i> , 2008, 27, 1671-1681.	3.5	252
14	Dependence of Paclitaxel Sensitivity on a Functional Spindle Assembly Checkpoint. <i>Cancer Research</i> , 2004, 64, 2502-2508.	0.4	248
15	Hair follicle–derived IL-7 and IL-15 mediate skin-resident memory T cell homeostasis and lymphoma. <i>Nature Medicine</i> , 2015, 21, 1272-1279.	15.2	247
16	Redox regulation in stem-like cancer cells by CD44 variant isoforms. <i>Oncogene</i> , 2013, 32, 5191-5198.	2.6	237
17	CD44 cleavage induced by a membrane-associated metalloprotease plays a critical role in tumor cell migration. <i>Oncogene</i> , 1999, 18, 1435-1446.	2.6	228
18	Modulation of Glucose Metabolism by CD44 Contributes to Antioxidant Status and Drug Resistance in Cancer Cells. <i>Cancer Research</i> , 2012, 72, 1438-1448.	0.4	219

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19	Pyruvate Kinase M2: Multiple Faces for Conferring Benefits on Cancer Cells. <i>Clinical Cancer Research</i> , 2012, 18, 5554-5561.	3.2	205
20	Reactive Oxygen Species-Induced Autophagic Degradation of <i>Helicobacter pylori</i> CagA Is Specifically Suppressed in Cancer Stem-like Cells. <i>Cell Host and Microbe</i> , 2012, 12, 764-777.	5.1	200
21	Zyxin, a Regulator of Actin Filament Assembly, Targets the Mitotic Apparatus by Interacting with H-Warts/Lats1 Tumor Suppressor. <i>Journal of Cell Biology</i> , 2000, 149, 1073-1086.	2.3	185
22	CD44s Regulates the TGF- β -Mediated Mesenchymal Phenotype and Is Associated with Poor Prognosis in Patients with Hepatocellular Carcinoma. <i>Cancer Research</i> , 2012, 72, 3414-3423.	0.4	185
23	Therapeutic strategies targeting cancer stem cells. <i>Cancer Science</i> , 2016, 107, 5-11.	1.7	182
24	Hyaluronan Oligosaccharides Induce CD44 Cleavage and Promote Cell Migration in CD44-expressing Tumor Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 32259-32265.	1.6	181
25	cAMP/PKA signalling reinforces the LATS-YAP pathway to fully suppress YAP in response to actin cytoskeletal changes. <i>EMBO Journal</i> , 2013, 32, 1543-1555.	3.5	177
26	xCT Inhibition Depletes CD44 ν -Expressing Tumor Cells That Are Resistant to EGFR-Targeted Therapy in Head and Neck Squamous Cell Carcinoma. <i>Cancer Research</i> , 2013, 73, 1855-1866.	0.4	163
27	Spindle checkpoint function is required for mitotic catastrophe induced by DNA-damaging agents. <i>Oncogene</i> , 2004, 23, 6548-6558.	2.6	159
28	DNA Damage Signaling Triggers Degradation of Histone Methyltransferases through APC/CCdh1 in Senescent Cells. <i>Molecular Cell</i> , 2012, 45, 123-131.	4.5	159
29	Activation of Transforming Growth Factor Beta 1 Signaling in Gastric Cancer-associated Fibroblasts Increases Their Motility, via Expression of Rho GTPase 2, and Ability to Induce Invasiveness of Gastric Cancer Cells. <i>Gastroenterology</i> , 2017, 153, 191-204.e16.	0.6	158
30	LATS-YAP/TAZ controls lineage specification by regulating TGF β signaling and Hnf4 α expression during liver development. <i>Nature Communications</i> , 2016, 7, 11961.	5.8	155
31	Proteolytic Cleavage of the CD44 Adhesion Molecule in Multiple Human Tumors. <i>American Journal of Pathology</i> , 2002, 160, 441-447.	1.9	146
32	c-MYC overexpression with loss of Ink4a/Arf transforms bone marrow stromal cells into osteosarcoma accompanied by loss of adipogenesis. <i>Oncogene</i> , 2010, 29, 5687-5699.	2.6	146
33	Tumor Necrosis Factor- α Regulates Transforming Growth Factor- β -dependent Epithelial-Mesenchymal Transition by Promoting Hyaluronan-CD44-Moesin Interaction. <i>Journal of Biological Chemistry</i> , 2010, 285, 4060-4073.	1.6	143
34	Salt-Inducible Kinase 2 Couples Ovarian Cancer Cell Metabolism with Survival at the Adipocyte-Rich Metastatic Niche. <i>Cancer Cell</i> , 2016, 30, 273-289.	7.7	143
35	Rb Depletion Results in Deregulation of E-Cadherin and Induction of Cellular Phenotypic Changes that Are Characteristic of the Epithelial-to-Mesenchymal Transition. <i>Cancer Research</i> , 2008, 68, 5104-5112.	0.4	140
36	Regulation of MKL1 via actin cytoskeleton dynamics drives adipocyte differentiation. <i>Nature Communications</i> , 2014, 5, 3368.	5.8	138

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37	Cre-loxP-controlled periodic Aurora-A overexpression induces mitotic abnormalities and hyperplasia in mammary glands of mouse models. <i>Oncogene</i> , 2004, 23, 8720-8730.	2.6	135
38	Real-time in vivo imaging of p16Ink4a reveals cross talk with p53. <i>Journal of Cell Biology</i> , 2009, 186, 393-407.	2.3	135
39	An evolving story of the metastatic voyage of ovarian cancer cells: cellular and molecular orchestration of the adipose-rich metastatic microenvironment. <i>Oncogene</i> , 2019, 38, 2885-2898.	2.6	135
40	Activation of Cdh1-dependent APC is required for G1 cell cycle arrest and DNA damage-induced G2 checkpoint in vertebrate cells. <i>EMBO Journal</i> , 2001, 20, 6499-6508.	3.5	132
41	CD44 ⁺ slow-cycling tumor cell expansion is triggered by cooperative actions of Wnt and prostaglandin E ₂ in gastric tumorigenesis. <i>Cancer Science</i> , 2010, 101, 673-678.	1.7	130
42	Transcriptional Blockade Induces p53-dependent Apoptosis Associated with Translocation of p53 to Mitochondria. <i>Journal of Biological Chemistry</i> , 2005, 280, 19166-19176.	1.6	129
43	TNF- α /TNFR1 signaling promotes gastric tumorigenesis through induction of Nox1 and Gna14 in tumor cells. <i>Oncogene</i> , 2014, 33, 3820-3829.	2.6	123
44	Concise Review: Stem Cells and Epithelial-Mesenchymal Transition in Cancer: Biological Implications and Therapeutic Targets. <i>Stem Cells</i> , 2016, 34, 1997-2007.	1.4	121
45	CD44 variant 9 expression in primary early gastric cancer as a predictive marker for recurrence. <i>British Journal of Cancer</i> , 2013, 109, 379-386.	2.9	111
46	Complexity of cancer stem cells. <i>International Journal of Cancer</i> , 2013, 132, 1249-1259.	2.3	109
47	IMP dehydrogenase-2 drives aberrant nucleolar activity and promotes tumorigenesis in glioblastoma. <i>Nature Cell Biology</i> , 2019, 21, 1003-1014.	4.6	107
48	IGF1 Receptor Signaling Regulates Adaptive Radioprotection in Glioma Stem Cells. <i>Stem Cells</i> , 2013, 31, 627-640.	1.4	105
49	Expression of α -TNF and CD44 is implicated in poor prognosis, cancer cell invasion, metastasis and resistance to the sunitinib treatment in clear cell renal cell carcinomas. <i>International Journal of Cancer</i> , 2015, 136, 1504-1514.	2.3	99
50	Tks5-dependent formation of circumferential podosomes/invadopodia mediates cell-cell fusion. <i>Journal of Cell Biology</i> , 2012, 197, 553-568.	2.3	94
51	Prospects for new lung cancer treatments that target EMT signaling. <i>Developmental Dynamics</i> , 2018, 247, 462-472.	0.8	94
52	Regulated CD44 Cleavage under the Control of Protein Kinase C, Calcium Influx, and the Rho Family of Small G Proteins. <i>Journal of Biological Chemistry</i> , 1999, 274, 25525-25534.	1.6	86
53	K858, a Novel Inhibitor of Mitotic Kinesin Eg5 and Antitumor Agent, Induces Cell Death in Cancer Cells. <i>Cancer Research</i> , 2009, 69, 3901-3909.	0.4	86
54	The EGF Receptor Promotes the Malignant Potential of Glioma by Regulating Amino Acid Transport System xc ⁻ . <i>Cancer Research</i> , 2016, 76, 2954-2963.	0.4	84

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55	Effectiveness of plasma treatment on gastric cancer cells. <i>Gastric Cancer</i> , 2015, 18, 635-643.	2.7	83
56	Invasion Precedes Tumor Mass Formation in a Malignant Brain Tumor Model of Genetically Modified Neural Stem Cells. <i>Neoplasia</i> , 2011, 13, 784-IN3.	2.3	82
57	Molecular and cellular mechanisms underlying brain metastasis of breast cancer. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 711-720.	2.7	82
58	Tumor suppressor WARTS ensures genomic integrity by regulating both mitotic progression and G1 tetraploidy checkpoint function. <i>Oncogene</i> , 2004, 23, 5266-5274.	2.6	81
59	Tumour resistance in induced pluripotent stem cells derived from naked mole-rats. <i>Nature Communications</i> , 2016, 7, 11471.	5.8	81
60	Identification of tumor-initiating cells in a highly aggressive brain tumor using promoter activity of nucleostemin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17163-17168.	3.3	79
61	RNA-Binding Protein Musashi1 Modulates Glioma Cell Growth through the Post-Transcriptional Regulation of Notch and PI3 Kinase/Akt Signaling Pathways. <i>PLoS ONE</i> , 2012, 7, e33431.	1.1	79
62	Dose-escalation study for the targeting of CD44v+ cancer stem cells by sulfasalazine in patients with advanced gastric cancer (EPOC1205). <i>Gastric Cancer</i> , 2017, 20, 341-349.	2.7	79
63	Functional role of CD44v-expressing metaplasia. <i>Cancer Science</i> , 2013, 104, 1323-1329.	1.7	78
64	Molecular mechanisms regulating dissociation of cell-cell junction of epithelial cells by oxidative stress. <i>Genes To Cells</i> , 2009, 14, 703-716.	0.5	77
65	Breast cancer stem cells. <i>Breast Cancer</i> , 2010, 17, 80-85.	1.3	76
66	The impact of EpCAM expression on response to chemotherapy and clinical outcomes in patients with epithelial ovarian cancer. <i>Oncotarget</i> , 2017, 8, 44312-44325.	0.8	76
67	The Neurofibromatosis Type 1 Gene Product Neurofibromin Enhances Cell Motility by Regulating Actin Filament Dynamics via the Rho-ROCK-LIMK2-Cofilin Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 39524-39533.	1.6	75
68	Macrophage-derived reactive oxygen species suppress miR-328 targeting CD44 in cancer cells and promote redox adaptation. <i>Carcinogenesis</i> , 2014, 35, 1003-1011.	1.3	74
69	Gold-nanofiber surface-enhanced Raman spectroscopy visualizes hypotaurine as a robust anti-oxidant consumed in cancer survival. <i>Nature Communications</i> , 2018, 9, 1561.	5.8	74
70	IGF2 Preserves Osteosarcoma Cell Survival by Creating an Autophagic State of Dormancy That Protects Cells against Chemotherapeutic Stress. <i>Cancer Research</i> , 2014, 74, 6531-6541.	0.4	71
71	Simvastatin-Induced Apoptosis in Osteosarcoma Cells: A Key Role of RhoA-AMPK/p38 MAPK Signaling in Antitumor Activity. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 182-192.	1.9	70
72	Functional analysis of HOXD9 in human gliomas and glioma cancer stem cells. <i>Molecular Cancer</i> , 2011, 10, 60.	7.9	69

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73	Inversed relationship between CD44 variant and c-Myc due to oxidative stress-induced canonical Wnt activation. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 622-627.	1.0	66
74	T-type Calcium Channels Determine the Vulnerability of Dopaminergic Neurons to Mitochondrial Stress in Familial Parkinson Disease. <i>Stem Cell Reports</i> , 2018, 11, 1171-1184.	2.3	66
75	Visualizing the dynamics of p21 ^{Waf1/Cip1} cyclin-dependent kinase inhibitor expression in living animals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15034-15039.	3.3	65
76	Induction of ZEB Proteins by Inactivation of RB Protein Is Key Determinant of Mesenchymal Phenotype of Breast Cancer. <i>Journal of Biological Chemistry</i> , 2012, 287, 7896-7906.	1.6	64
77	Dual blockade of the lipid kinase PIP4Ks and mitotic pathways leads to cancer-selective lethality. <i>Nature Communications</i> , 2017, 8, 2200.	5.8	63
78	Ras Oncoprotein Induces CD44 Cleavage through Phosphoinositide 3-OH Kinase and the Rho Family of Small G Proteins. <i>Journal of Biological Chemistry</i> , 2000, 275, 29628-29635.	1.6	62
79	Loss of p16 expression is associated with the stem cell characteristics of surface markers and therapeutic resistance in estrogen receptor-negative breast cancer. <i>International Journal of Cancer</i> , 2012, 130, 2568-2579.	2.3	62
80	CD44s signals the acquisition of the mesenchymal phenotype required for anchorage-independent cell survival in hepatocellular carcinoma. <i>British Journal of Cancer</i> , 2014, 110, 958-966.	2.9	62
81	Molecular Detection of Cancer Cells by Competitive Reverse Transcription-Polymerase Chain Reaction Analysis of Specific CD44 Variant RNAs. <i>Journal of the National Cancer Institute</i> , 1998, 90, 307-315.	3.0	60
82	PSF1, a DNA Replication Factor Expressed Widely in Stem and Progenitor Cells, Drives Tumorigenic and Metastatic Properties. <i>Cancer Research</i> , 2010, 70, 1215-1224.	0.4	60
83	Dynamic epigenetic regulation of glioblastoma tumorigenicity through LSD1 modulation of MYC expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4055-64.	3.3	60
84	Targeting Aurora B to the Equatorial Cortex by MKlp2 Is Required for Cytokinesis. <i>PLoS ONE</i> , 2013, 8, e64826.	1.1	60
85	Myristoylated alanine-rich C kinase substrate phosphorylation promotes cholangiocarcinoma cell migration and metastasis via the protein kinase C-dependent pathway. <i>Cancer Science</i> , 2010, 101, 658-665.	1.7	59
86	Synthetic lethality of the ALDH3A1 inhibitor dyclonine and xCT inhibitors in glutathione deficiency-resistant cancer cells. <i>Oncotarget</i> , 2018, 9, 33832-33843.	0.8	59
87	Molecular Biology of Glioma. <i>Advances in Experimental Medicine and Biology</i> , 2012, 746, 2-11.	0.8	58
88	Energy Management by Enhanced Glycolysis in G1-phase in Human Colon Cancer Cells <i>In Vitro</i> and <i>In Vivo</i> . <i>Molecular Cancer Research</i> , 2013, 11, 973-985.	1.5	58
89	Tumor necrosis factor- α (TNF- α) stimulates the epithelial-mesenchymal transition regulator Snail in cholangiocarcinoma. <i>Medical Oncology</i> , 2012, 29, 3083-3091.	1.2	57
90	CD44 variant-dependent redox status regulation in liver fluke-associated cholangiocarcinoma: A target for cholangiocarcinoma treatment. <i>Cancer Science</i> , 2016, 107, 991-1000.	1.7	57

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91	Metabolic heterogeneity and plasticity of glioma stem cells in a mouse glioblastoma model. <i>Neuro-Oncology</i> , 2018, 20, 343-354.	0.6	56
92	Glucose transporter 1-mediated vascular translocation of nanomedicines enhances accumulation and efficacy in solid tumors. <i>Journal of Controlled Release</i> , 2019, 301, 28-41.	4.8	56
93	Stat3 as a potential therapeutic target for rheumatoid arthritis. <i>Scientific Reports</i> , 2017, 7, 10965.	1.6	55
94	Addiction to the IGF2-ID1-IGF2 circuit for maintenance of the breast cancer stem-like cells. <i>Oncogene</i> , 2017, 36, 1276-1286.	2.6	55
95	TNF \pm promotes osteosarcoma progression by maintaining tumor cells in an undifferentiated state. <i>Oncogene</i> , 2014, 33, 4236-4241.	2.6	54
96	MIF Maintains the Tumorigenic Capacity of Brain Tumor-Initiating Cells by Directly Inhibiting p53. <i>Cancer Research</i> , 2016, 76, 2813-2823.	0.4	54
97	Transient depletion of p53 followed by transduction of c-Myc and K-Ras converts ovarian stem-like cells into tumor-initiating cells. <i>Carcinogenesis</i> , 2011, 32, 1597-1606.	1.3	51
98	LATS1/WARTS phosphorylates MYPT1 to counteract PLK1 and regulate mammalian mitotic progression. <i>Journal of Cell Biology</i> , 2012, 197, 625-641.	2.3	51
99	Aurora A overexpression induces cellular senescence in mammary gland hyperplastic tumors developed in p53-deficient mice. <i>Oncogene</i> , 2008, 27, 4305-4314.	2.6	49
100	Endothelium-induced three-dimensional invasion of heterogeneous glioma initiating cells in a microfluidic coculture platform. <i>Integrative Biology (United Kingdom)</i> , 2017, 9, 762-773.	0.6	49
101	Development of a functional thyroid model based on an organoid culture system. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 783-789.	1.0	49
102	In vivo assessment of cancerous tumors using boron doped diamond microelectrode. <i>Scientific Reports</i> , 2012, 2, 901.	1.6	48
103	Characteristics of glioma stem cells. <i>Brain Tumor Pathology</i> , 2013, 30, 209-214.	1.1	48
104	BubR1 localizes to centrosomes and suppresses centrosome amplification via regulating Plk1 activity in interphase cells. <i>Oncogene</i> , 2009, 28, 2806-2820.	2.6	47
105	PRKAR1A is overexpressed and represents a possible therapeutic target in human cholangiocarcinoma. <i>International Journal of Cancer</i> , 2011, 129, 34-44.	2.3	47
106	Loss of E-cadherin promotes migration and invasion of cholangiocarcinoma cells and serves as a potential marker of metastasis. <i>Tumor Biology</i> , 2014, 35, 8645-8652.	0.8	47
107	Proteome profiling reveals gender differences in the composition of human serum. <i>Proteomics</i> , 2010, 10, 2678-2691.	1.3	46
108	Expression profiles of carcinosarcoma of the uterine corpus—are these similar to carcinoma or sarcoma?. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 229-239.	1.5	46

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109	Maintenance of HCT116 colon cancer cell line conforms to a stochastic model but not a cancer stem cell model. <i>Cancer Science</i> , 2009, 100, 2275-2282.	1.7	45
110	Periostin Is a Key Niche Component for Wound Metastasis of Melanoma. <i>PLoS ONE</i> , 2015, 10, e0129704.	1.1	45
111	Glutaminolysis-related genes determine sensitivity to xCT-targeted therapy in head and neck squamous cell carcinoma. <i>Cancer Science</i> , 2019, 110, 3453-3463.	1.7	45
112	Identification of CD44 as a cell surface marker for Müller glia precursor cells. <i>Journal of Neurochemistry</i> , 2010, 115, 1633-1642.	2.1	44
113	The tumor suppressor WARTS activates the Omi / HtrA2-dependent pathway of cell death. <i>Oncogene</i> , 2005, 24, 5287-5298.	2.6	43
114	Integrated analysis identifies different metabolic signatures for tumor-initiating cells in a murine glioblastoma model. <i>Neuro-Oncology</i> , 2014, 16, 1048-1056.	0.6	43
115	Inhibiting xCT Improves 5-Fluorouracil Resistance of Gastric Cancer Induced by CD44 Variant 9 Expression. <i>Anticancer Research</i> , 2018, 38, 6163-6170.	0.5	43
116	Sulfasalazine could modulate the xCD44-xCT system and enhance cisplatin-induced cytotoxic effects in metastatic bladder cancer. <i>Cancer Science</i> , 2019, 110, 1431-1441.	1.7	43
117	N-cadherin upregulation mediates adaptive radioresistance in glioblastoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	43
118	Decreased expression of neurofibromin contributes to epithelial-mesenchymal transition in neurofibromatosis type 1. <i>Experimental Dermatology</i> , 2010, 19, e136-41.	1.4	42
119	Phase 1 study of sulfasalazine and cisplatin for patients with CD44v-positive gastric cancer refractory to cisplatin (EPOC1407). <i>Gastric Cancer</i> , 2017, 20, 1004-1009.	2.7	42
120	ZEB1 expression is a potential indicator of invasive endometriosis. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2017, 96, 1128-1135.	1.3	42
121	Suppression of Centrosome Amplification after DNA Damage Depends on p27 Accumulation. <i>Cancer Research</i> , 2006, 66, 4020-4029.	0.4	40
122	Osteopontin-mediated enhanced hyaluronan binding induces multidrug resistance in mesothelioma cells. <i>Oncogene</i> , 2010, 29, 1941-1951.	2.6	40
123	Mad2 inhibits the mitotic kinesin MKlp2. <i>Journal of Cell Biology</i> , 2010, 191, 1069-1077.	2.3	40
124	Methotrexate inhibits osteoclastogenesis by decreasing RANKL-induced calcium influx into osteoclast progenitors. <i>Journal of Bone and Mineral Metabolism</i> , 2016, 34, 526-531.	1.3	40
125	Phase I study of salazosulfapyridine in combination with cisplatin and pemetrexed for advanced non-small cell lung cancer. <i>Cancer Science</i> , 2017, 108, 1843-1849.	1.7	40
126	In vivo pH monitoring using boron doped diamond microelectrode and silver needles: Application to stomach disorder diagnosis. <i>Scientific Reports</i> , 2013, 3, 3257.	1.6	39

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127	Variant isoforms of CD44 involves acquisition of chemoresistance to cisplatin and has potential as a novel indicator for identifying a cisplatin-resistant population in urothelial cancer. BMC Cancer, 2018, 18, 113.	1.1	39
128	CD44 Splice Variant v8-10 as a Marker of Serous Ovarian Cancer Prognosis. PLoS ONE, 2016, 11, e0156595.	1.1	38
129	ROCK Inhibition Induces Terminal Adipocyte Differentiation and Suppresses Tumorigenesis in Chemoresistant Osteosarcoma Cells. Cancer Research, 2019, 79, 3088-3099.	0.4	38
130	Pericentromeric noncoding RNA changes DNA binding of CTCF and inflammatory gene expression in senescence and cancer. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	38
131	Serine protease Omi/HtrA2 targets WARTS kinase to control cell proliferation. Oncogene, 2007, 26, 2395-2406.	2.6	36
132	Statins Decrease Lung Inflammation in Mice by Upregulating Tetraspanin CD9 in Macrophages. PLoS ONE, 2013, 8, e73706.	1.1	36
133	Tumor necrosis factor α modulates epithelial mesenchymal transition mediators <i>ZEB2</i> and <i>S100A4</i> to promote cholangiocarcinoma progression. Journal of Hepato-Biliary-Pancreatic Sciences, 2014, 21, 703-711.	1.4	36
134	Neuroprotective effects of memantine via enhancement of autophagy. Biochemical and Biophysical Research Communications, 2019, 518, 161-170.	1.0	36
135	Targeting of cancer stem cells by differentiation therapy. Cancer Science, 2020, 111, 2689-2695.	1.7	35
136	EpCAM expression in the prostate cancer makes the difference in the response to growth factors. Biochemical and Biophysical Research Communications, 2014, 443, 239-245.	1.0	34
137	<i>CD44</i> variant 9 is a potential biomarker of tumor initiating cells predicting survival outcome in hepatitis C virus-positive patients with resected hepatocellular carcinoma. Cancer Science, 2016, 107, 609-618.	1.7	34
138	Anti-Tumor Effect against Human Cancer Xenografts by a Fully Human Monoclonal Antibody to a Variant 8-Epitope of CD44R1 Expressed on Cancer Stem Cells. PLoS ONE, 2012, 7, e29728.	1.1	33
139	TSPAN2 Is Involved in Cell Invasion and Motility during Lung Cancer Progression. Cell Reports, 2014, 7, 527-538.	2.9	33
140	The Use of Next-Generation Sequencing in Molecular Diagnosis of Neurofibromatosis Type 1: A Validation Study. Genetic Testing and Molecular Biomarkers, 2014, 18, 722-735.	0.3	33
141	Ropinirole hydrochloride remedy for amyotrophic lateral sclerosis – Protocol for a randomized, double-blind, placebo-controlled, single-center, and open-label continuation phase I/IIa clinical trial (ROPALS trial). Regenerative Therapy, 2019, 11, 143-166.	1.4	33
142	Fibroblast Growth Factor-2 Is an Important Factor that Maintains Cellular Immaturity and Contributes to Aggressiveness of Osteosarcoma. Molecular Cancer Research, 2012, 10, 454-468.	1.5	32
143	Expression of <i>CD24</i> is associated with HER2 expression and supports HER2-Akt signaling in HER2-positive breast cancer cells. Cancer Science, 2014, 105, 779-787.	1.7	32
144	The Anaphase-Promoting Complex/Cyclosome Activator Cdh1 Modulates Rho GTPase by Targeting p190 RhoGAP for Degradation. Molecular and Cellular Biology, 2010, 30, 3994-4005.	1.1	31

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145	Oncogenicity of L-type amino-acid transporter 1 (LAT1) revealed by targeted gene disruption in chicken DT40 cells: LAT1 is a promising molecular target for human cancer therapy. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 649-655.	1.0	31
146	Generation of heterozygous fibrillin-1 mutant cloned pigs from genome-edited foetal fibroblasts. <i>Scientific Reports</i> , 2016, 6, 24413.	1.6	31
147	cRGD peptide installation on cisplatin-loaded nanomedicines enhances efficacy against locally advanced head and neck squamous cell carcinoma bearing cancer stem-like cells. <i>Journal of Controlled Release</i> , 2017, 261, 275-286.	4.8	31
148	Variant CD44 expression is enriching for a cell population with cancer stem cell-like characteristics in human lung adenocarcinoma. <i>Journal of Cancer</i> , 2017, 8, 1774-1785.	1.2	31
149	Incomplete humoral response including neutralizing antibodies in asymptomatic to mild COVID-19 patients in Japan. <i>Virology</i> , 2021, 555, 35-43.	1.1	31
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