

Atsushi Ochiai

List of Publications by Year in descending order

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Version: 2024-02-01

264
papers

13,177
citations

22153
59
h-index

30087
103
g-index

266
all docs

266
docs citations

266
times ranked

18563
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of a HER2 scoring system for gastric cancer: results from a validation study. <i>Histopathology</i> , 2008, 52, 797-805.	2.9	1,026
2	Silencing of the E-cadherin invasion-suppressor gene by CpG methylation in human carcinomas.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 7416-7419.	7.1	599
3	Predominant infiltration of macrophages and CD8⁺ T Cells in cancer nests is a significant predictor of survival in stage IV nonsmall cell lung cancer. <i>Cancer</i> , 2008, 113, 1387-1395.	4.1	357
4	Phenotypic and functional heterogeneity of cancer-associated fibroblast within the tumor microenvironment. <i>Advanced Drug Delivery Reviews</i> , 2016, 99, 186-196.	13.7	340
5	Autophagy Is Activated in Colorectal Cancer Cells and Contributes to the Tolerance to Nutrient Deprivation. <i>Cancer Research</i> , 2007, 67, 9677-9684.	0.9	317
6	Bone-marrow-derived myofibroblasts contribute to the cancer-induced stromal reaction. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 232-240.	2.1	260
7	Feasibility and utility of a panel testing for 114 cancer-associated genes in a clinical setting: A hospital-based study. <i>Cancer Science</i> , 2019, 110, 1480-1490.	3.9	238
8	Stromal MCP‑1 in mammary tumors induces tumor-associated macrophage infiltration and contributes to tumor progression. <i>International Journal of Cancer</i> , 2009, 125, 1276-1284.	5.1	235
9	Autophagy is activated in pancreatic cancer cells and correlates with poor patient outcome. <i>Cancer Science</i> , 2008, 99, 1813-1819.	3.9	208
10	Impact of Expression of Human Epidermal Growth Factor Receptors EGFR and ERBB2 on Survival in Stage II/III Gastric Cancer. <i>Clinical Cancer Research</i> , 2012, 18, 5992-6000.	7.0	201
11	Podoplanin expression by cancer associated fibroblasts predicts poor prognosis of lung adenocarcinoma. <i>International Journal of Cancer</i> , 2008, 123, 1053-1059.	5.1	199
12	Clinicopathological features of programmed death ligand‑1 expression with tumor-infiltrating lymphocyte, mismatch repair, and Epstein‑Barr virus status in a large cohort of gastric cancer patients. <i>Gastric Cancer</i> , 2017, 20, 407-415.	5.3	189
13	Enhancer of Zeste Homologue 2 (EZH2) Down-regulates RUNX3 by Increasing Histone H3 Methylation. <i>Journal of Biological Chemistry</i> , 2008, 283, 17324-17332.	3.4	167
14	Comparison of HER2 gene amplification assessed by fluorescence in situ hybridization and HER2 protein expression assessed by immunohistochemistry in gastric cancer. <i>Oncology Reports</i> , 2006, 15, 65-71.	2.6	161
15	Stromal Macrophage Expressing CD204 is Associated with Tumor Aggressiveness in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2010, 5, 1507-1515.	1.1	159
16	Favorable and unfavorable morphological prognostic factors in peripheral adenocarcinoma of the lung 3 cm or less in diameter. <i>Lung Cancer</i> , 2000, 29, 179-188.	2.0	148
17	Podoplanin-Positive Fibroblasts Enhance Lung Adenocarcinoma Tumor Formation: Podoplanin in Fibroblast Functions for Tumor Progression. <i>Cancer Research</i> , 2011, 71, 4769-4779.	0.9	146
18	In Vivo Characterization of Bone Marrow‑Derived Fibroblasts Recruited into Fibrotic Lesions. <i>Stem Cells</i> , 2005, 23, 699-706.	3.2	139

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19	Matrix Metalloproteinase-7 Facilitates Insulin-Like Growth Factor Bioavailability through Its Proteinase Activity on Insulin-Like Growth Factor Binding Protein 3. <i>Cancer Research</i> , 2004, 64, 665-671.	0.9	138
20	Expression profiles of HER2, EGFR, MET and FGFR2 in a large cohort of patients with gastric adenocarcinoma. <i>Gastric Cancer</i> , 2015, 18, 227-238.	5.3	137
21	Podoplanin, a novel marker of tumor-initiating cells in human squamous cell carcinoma A431. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 36-41.	2.1	136
22	Enhancer of zeste homolog 2 downregulates E-cadherin by mediating histone H3 methylation in gastric cancer cells. <i>Cancer Science</i> , 2008, 99, 738-746.	3.9	129
23	Immunohistochemical detection of CD133 expression in colorectal cancer: A clinicopathological study. <i>Cancer Science</i> , 2008, 99, 1578-1583.	3.9	120
24	Impact of tumor-associated macrophages on invasive ductal carcinoma of the pancreas head. <i>Cancer Science</i> , 2012, 103, 2012-2020.	3.9	120
25	Prognostic Significance of Fibrotic Focus in Invasive Ductal Carcinoma of the Breast: A Prospective Observational Study. <i>Modern Pathology</i> , 2002, 15, 502-516.	5.5	117
26	Growth Inhibition of Human Prostate Cancer Cells in Human Adult Bone Implanted into Nonobese Diabetic/Severe Combined Immunodeficient Mice by a Ligand-Specific Antibody to Human Insulin-Like Growth Factors. <i>Cancer Research</i> , 2004, 64, 6252-6258.	0.9	115
27	The VEGF angiogenic switch of fibroblasts is regulated by MMP-7 from cancer cells. <i>Oncogene</i> , 2007, 26, 7194-7203.	5.9	115
28	Matrix metalloproteinase-7 degrades all insulin-like growth factor binding proteins and facilitates insulin-like growth factor bioavailability. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 1011-1016.	2.1	110
29	MEK-ERK pathway regulates EZH2 overexpression in association with aggressive breast cancer subtypes. <i>Oncogene</i> , 2011, 30, 4118-4128.	5.9	110
30	Prognostic Impact of Cancer-Associated Stromal Cells in Patients With Stage I Lung Adenocarcinoma. <i>Chest</i> , 2012, 142, 151-158.	0.8	106
31	Podoplanin-expressing cancer-associated fibroblasts lead and enhance the local invasion of cancer cells in lung adenocarcinoma. <i>International Journal of Cancer</i> , 2015, 137, 784-796.	5.1	106
32	Combined Mutation of <i>Apc</i> , <i>Kras</i> , and <i>Tgfr2</i> Effectively Drives Metastasis of Intestinal Cancer. <i>Cancer Research</i> , 2018, 78, 1334-1346.	0.9	106
33	Human vascular adventitial fibroblasts contain mesenchymal stem/progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 305-310.	2.1	99
34	Podoplanin-Positive Cancer-Associated Fibroblasts in the Tumor Microenvironment Induce Primary Resistance to EGFR-TKIs in Lung Adenocarcinoma with EGFR Mutation. <i>Clinical Cancer Research</i> , 2015, 21, 642-651.	7.0	98
35	Prognostic impact of HER2, EGFR, and c-MET status on overall survival of advanced gastric cancer patients. <i>Gastric Cancer</i> , 2016, 19, 183-191.	5.3	95
36	Immunohistochemical detection of K-sam protein in stomach cancer. <i>Clinical Cancer Research</i> , 1996, 2, 1373-81.	7.0	94

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37	Forkhead box P3 regulatory T cells coexisting with cancer associated fibroblasts are correlated with a poor outcome in lung adenocarcinoma. <i>Cancer Science</i> , 2013, 104, 409-415.	3.9	87
38	Systematic Review of Patient-Derived Xenograft Models for Preclinical Studies of Anti-Cancer Drugs in Solid Tumors. <i>Cells</i> , 2019, 8, 418.	4.1	87
39	Degradation of soluble VEGF receptor-1 by MMP-7 allows VEGF access to endothelial cells. <i>Blood</i> , 2009, 113, 2363-2369.	1.4	85
40	Comparison of HER2 gene amplification assessed by fluorescence in situ hybridization and HER2 protein expression assessed by immunohistochemistry in gastric cancer. <i>Oncology Reports</i> , 2006, 15, 65.	2.6	84
41	Detail Histologic Analysis of Nerve Plexus Invasion in Invasive Ductal Carcinoma of the Pancreas and Its Prognostic Impact. <i>American Journal of Surgical Pathology</i> , 2007, 31, 1636-1644.	3.7	84
42	Establishment of a novel species- and tissue-specific metastasis model of human prostate cancer in humanized non-obese diabetic/severe combined immunodeficient mice engrafted with human adult lung and bone. <i>Cancer Research</i> , 2001, 61, 2177-82.	0.9	83
43	Comparison of the immunophenotypes of signet-ring cell carcinoma, solid adenocarcinoma with mucin production, and mucinous bronchioloalveolar carcinoma of the lung characterized by the presence of cytoplasmic mucin. <i>Journal of Pathology</i> , 2006, 209, 78-87.	4.5	82
44	Histopathologic Features of the Tumor Budding in Adenocarcinoma of the Lung: Tumor Budding As an Index to Predict the Potential Aggressiveness. <i>Journal of Thoracic Oncology</i> , 2010, 5, 1361-1368.	1.1	81
45	Expression of podoplanin, CD44, and p63 in squamous cell carcinoma of the lung. <i>Cancer Science</i> , 2009, 100, 2054-2059.	3.9	80
46	Comprehensive immunohistochemical analysis of tumor microenvironment immune status in esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 47252-47264.	1.8	79
47	Immunohistochemical differential diagnosis between thymic carcinoma and type B3 thymoma: diagnostic utility of hypoxic marker, GLUT-1, in thymic epithelial neoplasms. <i>Modern Pathology</i> , 2009, 22, 1341-1350.	5.5	77
48	Overexpression of TGF- β 2 by infiltrated granulocytes correlates with the expression of collagen mRNA in pancreatic cancer. <i>British Journal of Cancer</i> , 2004, 91, 1316-1326.	6.4	75
49	Osteoprotegerin/osteoclastogenesis inhibitory factor decreases human prostate cancer burden in human adult bone implanted into nonobese diabetic/severe combined immunodeficient mice. <i>Cancer Research</i> , 2003, 63, 2096-102.	0.9	74
50	Effect of differences in cancer cells and tumor growth sites on recruiting bone marrow-derived endothelial cells and myofibroblasts in cancer-induced stroma. <i>International Journal of Cancer</i> , 2005, 115, 885-892.	5.1	72
51	Immunohistochemical Differential Diagnosis Between Large Cell Neuroendocrine Carcinoma and Small Cell Carcinoma by Tissue Microarray Analysis With a Large Antibody Panel. <i>American Journal of Clinical Pathology</i> , 2006, 125, 682-692.	0.7	69
52	Highly Proliferative Fibroblasts Forming Fibrotic Focus Govern Metastasis of Invasive Ductal Carcinoma of the Breast. <i>Modern Pathology</i> , 2001, 14, 325-337.	5.5	68
53	Cytoplasmic expression of laminin γ 2 chain correlates with postoperative hepatic metastasis and poor prognosis in patients with pancreatic ductal adenocarcinoma. <i>Cancer</i> , 2002, 94, 1894-1901.	4.1	67
54	Characterization of Patients With Advanced Pancreatic Cancer and High Serum Interleukin-6 Levels. <i>Pancreas</i> , 2015, 44, 756-763.	1.1	67

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55	Primary Lung Carcinoma With Signet-ring Cell Carcinoma Components. American Journal of Surgical Pathology, 2004, 28, 868-874.	3.7	66
56	Comprehensive analyses using next-generation sequencing and immunohistochemistry enable precise treatment in advanced gastric cancer. Annals of Oncology, 2016, 27, 127-133.	1.2	65
57	Proliferative Activity of Intratumoral Fibroblasts Is Closely Correlated with Lymph Node and Distant Organ Metastases of Invasive Ductal Carcinoma of the Breast. American Journal of Pathology, 2000, 156, 1701-1710.	3.8	64
58	Prognostic Impact of CD204-Positive Macrophages in Lung Squamous Cell Carcinoma: Possible Contribution of Cd204-Positive Macrophages to the Tumor-Promoting Microenvironment. Journal of Thoracic Oncology, 2012, 7, 1790-1797.	1.1	64
59	Hypermethylation and unique mutational signatures of occupational cholangiocarcinoma in printing workers exposed to haloalkanes. Carcinogenesis, 2016, 37, 817-826.	2.8	63
60	Immunohistochemical Staining of Reg IV and Claudin-18 is Useful in the Diagnosis of Gastrointestinal Signet Ring Cell Carcinoma. American Journal of Surgical Pathology, 2008, 32, 1182-1189.	3.7	62
61	12-Gene Recurrence Score Assay Stratifies the Recurrence Risk in Stage II/III Colon Cancer With Surgery Alone: The SUNRISE Study. Journal of Clinical Oncology, 2016, 34, 2906-2913.	1.6	62
62	Blockade of Paracrine Supply of Insulin-Like Growth Factors Using Neutralizing Antibodies Suppresses the Liver Metastasis of Human Colorectal Cancers. Clinical Cancer Research, 2005, 11, 3494-3502.	7.0	60
63	Podoplanin-Positive Cancer-Associated Fibroblasts Could Have Prognostic Value Independent of Cancer Cell Phenotype in Stage I Lung Squamous Cell Carcinoma. Chest, 2013, 143, 963-970.	0.8	60
64	Important prognostic histological parameters for patients with invasive ductal carcinoma of the pancreas. Cancer Science, 2005, 96, 858-865.	3.9	59
65	Intestinal cancer progression by mutant p53 through the acquisition of invasiveness associated with complex glandular formation. Oncogene, 2017, 36, 5885-5896.	5.9	56
66	Mismatch repair deficiency commonly precedes adenoma formation in Lynch Syndrome-Associated colorectal tumorigenesis. Modern Pathology, 2017, 30, 1144-1151.	5.5	56
67	New prognostic histological parameter of invasive ductal carcinoma of the breast: Clinicopathological significance of fibrotic focus. Pathology International, 2000, 50, 263-272.	1.3	55
68	Matrix metalloproteinase-7 triggers the matricrine action of insulin-like growth factor-II via proteinase activity on insulin-like growth factor binding protein 2 in the extracellular matrix. Cancer Science, 2007, 98, 685-691.	3.9	55
69	Evaluation of HER2-based biology in 1,006 cases of gastric cancer in a Japanese population. Gastric Cancer, 2014, 17, 34-42.	5.3	54
70	Carbonic anhydrase IX expression is associated with tumor progression and a poor prognosis of lung adenocarcinoma. Lung Cancer, 2006, 54, 409-418.	2.0	52
71	Dynamic molecular changes associated with epithelialâ€“mesenchymal transition and subsequent mesenchymalâ€“epithelial transition in the early phase of metastatic tumor formation. International Journal of Cancer, 2011, 128, 1585-1595.	5.1	52
72	Panitumumab (PAN) plus mFOLFOX6 versus bevacizumab (BEV) plus mFOLFOX6 as first-line treatment in patients with <i>RAS</i> wild-type (WT) metastatic colorectal cancer (mCRC): Results from the phase 3 PARADIGM trial.. Journal of Clinical Oncology, 2022, 40, LBA1-LBA1.	1.6	52

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73	Peritoneal Elastic Laminal Invasion of Colorectal Cancer. American Journal of Surgical Pathology, 2010, 34, 1351-1360.	3.7	51
74	Fibrous Stroma Is Associated with Poorer Prognosis in Lung Squamous Cell Carcinoma Patients. Journal of Thoracic Oncology, 2011, 6, 1460-1467.	1.1	51
75	Pathological diagnostic criterion of blood and lymphatic vessel invasion in colorectal cancer: a framework for developing an objective pathological diagnostic system using the Delphi method, from the Pathology Working Group of the Japanese Society for Cancer of the Colon and Rectum. Journal of Clinical Pathology, 2013, 66, 551-558.	2.0	49
76	Elevated transcript level of hyaluronan synthase1 gene correlates with poor prognosis of human colon cancer. Clinical and Experimental Metastasis, 2004, 21, 57-63.	3.3	48
77	Low podoplanin expression of tumor cells predicts poor prognosis in pathological stage IB squamous cell carcinoma of the lung, tissue microarray analysis of 136 patients using 24 antibodies. Lung Cancer, 2009, 63, 418-424.	2.0	47
78	A Novel Histopathological Evaluation Method Predicting the Outcome of Non-small Cell Lung Cancer Treated by Neoadjuvant Therapy: The Prognostic Importance of the Area of Residual Tumor. Journal of Thoracic Oncology, 2010, 5, 49-55.	1.1	47
79	What is the nature of pancreatic consistency? Assessment of the elastic modulus of the pancreas and comparison with tactile sensation, histology, and occurrence of postoperative pancreatic fistula after pancreaticoduodenectomy. Surgery, 2014, 156, 1204-1211.	1.9	47
80	Comprehensive screening of target molecules by next-generation sequencing in patients with malignant solid tumors: guiding entry into phase I clinical trials. Molecular Cancer, 2016, 15, 73.	19.2	47
81	In vivo and in vitro characterization of human fibroblasts recruited selectively into human cancer stroma. International Journal of Cancer, 2005, 117, 212-220.	5.1	46
82	Profiling the Tumour Immune Microenvironment in Pancreatic Neuroendocrine Neoplasms with Multispectral Imaging Indicates Distinct Subpopulation Characteristics Concordant with WHO 2017 Classification. Scientific Reports, 2018, 8, 13166.	3.3	46
83	Tumor promoting effect of podoplanin-positive fibroblasts is mediated by enhanced RhoA activity. Biochemical and Biophysical Research Communications, 2012, 422, 194-199.	2.1	45
84	Fibroblast-led cancer cell invasion is activated by epithelialâ€mesenchymal transition through platelet-derived growth factor BB secretion of lung adenocarcinoma. Cancer Letters, 2017, 395, 20-30.	7.2	44
85	DEVELOPMENT OF MYOFIBROBLASTS FROM HUMAN BONE MARROW MESENCHYMAL STEM CELLS COCULTURED WITH HUMAN COLON CARCINOMA CELLS AND TGF BETA 1. In Vitro Cellular and Developmental Biology - Animal, 2000, 36, 77.	1.5	43
86	Prognostic significance of carbonic anhydrase IX expression by cancerâ€associated fibroblasts in lung adenocarcinoma. Cancer, 2009, 115, 2732-2743.	4.1	43
87	Relationship between podoplanin-expressing cancer-associated fibroblasts and the immune microenvironment of early lung squamous cell carcinoma. Lung Cancer, 2021, 153, 1-10.	2.0	43
88	Prostate-specific antigen induces apoptosis of osteoclast precursors: Potential Role in osteoblastic bone metastases of prostate cancer. Prostate, 2006, 66, 1573-1584.	2.3	42
89	Distinct clinicopathologic characteristics of lung mucinous adenocarcinoma with KRAS mutation. Human Pathology, 2013, 44, 2636-2642.	2.0	41
90	Prognostic impact of M2 macrophages at neural invasion in patients with invasive ductal carcinoma of the pancreas. European Journal of Cancer, 2014, 50, 1900-1908.	2.8	41

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91	Aberrant expression of EZH2 is associated with a poor outcome and P53 alteration in squamous cell carcinoma of the esophagus. <i>International Journal of Oncology</i> , 2011, 38, 345-53.	3.3	40
92	Characterization of the immunophenotype of the tumor budding and its prognostic implications in squamous cell carcinoma of the lung. <i>Lung Cancer</i> , 2012, 76, 423-430.	2.0	40
93	Organoid culture containing cancer cells and stromal cells reveals that podoplanin-positive cancer-associated fibroblasts enhance proliferation of lung cancer cells. <i>Lung Cancer</i> , 2019, 134, 100-107.	2.0	40
94	Neuroendocrine Tumors of the Large Intestine: Clinicopathological Features and Predictive Factors of Lymph Node Metastasis. <i>Frontiers in Oncology</i> , 2016, 6, 173.	2.8	39
95	Link between tumor-promoting fibrous microenvironment and an immunosuppressive microenvironment in stage I lung adenocarcinoma. <i>Lung Cancer</i> , 2018, 126, 64-71.	2.0	39
96	Collagen type I induces <sc>EGFR</sc>â€<sc>TKI</sc> resistance in <sc>EGFR</sc>â€mutated cancer cells by <sc>mTOR</sc> activation through Aktâ€independent pathway. <i>Cancer Science</i> , 2018, 109, 2063-2073.	3.9	39
97	Gastrointestinal Fibroblasts Have Specialized, Diverse Transcriptional Phenotypes: A Comprehensive Gene Expression Analysis of Human Fibroblasts. <i>PLoS ONE</i> , 2015, 10, e0129241.	2.5	39
98	Laminin 5 expression protects against anoikis at aerogenous spread and lepidic growth of human lung adenocarcinoma. <i>International Journal of Cancer</i> , 2005, 116, 876-884.	5.1	37
99	C-Reactive Protein Level Is an Indicator of the Aggressiveness of Advanced Pancreatic Cancer. <i>Pancreas</i> , 2016, 45, 110-116.	1.1	37
100	Presence of Human Circulating Progenitor Cells for Cancer Stromal Fibroblasts in the Blood of Lung Cancer Patients. <i>Stem Cells</i> , 2007, 25, 1469-1477.	3.2	36
101	CD200-positive cancer associated fibroblasts augment the sensitivity of Epidermal Growth Factor Receptor mutation-positive lung adenocarcinomas to EGFR Tyrosine kinase inhibitors. <i>Scientific Reports</i> , 2017, 7, 46662.	3.3	36
102	Recruitment of Podoplanin Positive Cancer-Associated Fibroblasts in Metastatic Lymph Nodes Predicts Poor Prognosis in Pathological N2 Stage III Lung Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2012, 19, 3953-3962.	1.5	35
103	RAS oncogenic signal upregulates EZH2 in pancreatic cancer. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 1074-1079.	2.1	35
104	Comprehensive characterization of <i><sc>RSPO</sc></i> fusions in colorectal traditional serrated adenomas. <i>Histopathology</i> , 2017, 71, 601-609.	2.9	35
105	Structural and biological properties of a papillary component generating a micropapillary component in lung adenocarcinoma. <i>Lung Cancer</i> , 2010, 67, 282-289.	2.0	34
106	Evaluation of extratumoral lymphatic permeation in non-small cell lung cancer as a means of predicting outcome. <i>Lung Cancer</i> , 2007, 55, 61-66.	2.0	33
107	Human Subperitoneal Fibroblast and Cancer Cell Interaction Creates Microenvironment That Enhances Tumor Progression and Metastasis. <i>PLoS ONE</i> , 2014, 9, e88018.	2.5	33
108	Aggressive tumor microenvironment of solid predominant lung adenocarcinoma subtype harboring with epidermal growth factor receptor mutations. <i>Lung Cancer</i> , 2016, 91, 7-14.	2.0	33

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109	Cancer cell invasion driven by extracellular matrix remodeling is dependent on the properties of cancer-associated fibroblasts. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 437-446.	2.5	33
110	Metabolic Determinants of Sensitivity to Phosphatidylinositol 3-Kinase Pathway Inhibitor in Small-Cell Lung Carcinoma. <i>Cancer Research</i> , 2018, 78, 2179-2190.	0.9	33
111	Prostate-Specific Antigen Induces Osteoplastic Changes by an Autonomous Mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 1082-1087.	2.1	32
112	Accurate assessment of lymph vessel tumor emboli in invasive ductal carcinoma of the breast according to tumor areas, and their prognostic significance. <i>Human Pathology</i> , 2007, 38, 247-259.	2.0	32
113	A novel geneâ€‘protein assay for evaluating HER2 status in gastric cancer: simultaneous analyses of HER2 protein overexpression and gene amplification reveal intratumoral heterogeneity. <i>Gastric Cancer</i> , 2015, 18, 458-466.	5.3	32
114	Automated histological classification of whole slide images of colorectal biopsy specimens. <i>Oncotarget</i> , 2017, 8, 90719-90729.	1.8	32
115	Low Serum Level of Cholinesterase at Recurrence of Pancreatic Cancer Is a Poor Prognostic Factor and Relates to Systemic Disorder and Nerve Plexus Invasion. <i>Pancreas</i> , 2008, 36, 241-248.	1.1	31
116	Histological characteristics of tumor in vessels and lymph nodes are significant predictors of progression of invasive ductal carcinoma of the breast: a prospective study. <i>Human Pathology</i> , 2004, 35, 298-308.	2.0	30
117	Factors influencing the concordance of histological subtype diagnosis from biopsy and resected specimens of lung adenocarcinoma. <i>Lung Cancer</i> , 2016, 94, 1-6.	2.0	30
118	CD133 expression in rectal cancer after preoperative chemoradiotherapy. <i>Cancer Science</i> , 2010, 101, 906-912.	3.9	29
119	Solid predominant histology predicts EGFR tyrosine kinase inhibitor response in patients with EGFR mutation-positive lung adenocarcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 1691-1700.	2.5	29
120	Long-term outcome of endoscopic resection for intramucosal esophageal squamous cell cancer: a secondary analysis of the Japan Esophageal Cohort study. <i>Endoscopy</i> , 2020, 52, 967-975.	1.8	29
121	Podoplanin-expressing cancer-associated fibroblasts inhibit small cell lung cancer growth. <i>Oncotarget</i> , 2015, 6, 9531-9541.	1.8	29
122	Inhibition of bone-derived insulin-like growth factors by a ligand-specific antibody suppresses the growth of human multiple myeloma in the human adult bone explanted in NOD/SCID mouse. <i>International Journal of Cancer</i> , 2006, 118, 2602-2608.	5.1	27
123	The Japanese Society of Pathology Practical Guidelines on the handling of pathological tissue samples for cancer genomic medicine. <i>Pathology International</i> , 2021, 71, 725-740.	1.3	27
124	Clinical outcome after endoscopic resection for superficial pharyngeal squamous cell carcinoma invading the subepithelial layer. <i>Endoscopy</i> , 2014, 47, 11-18.	1.8	26
125	Fibroblasts associated with cancer cells keep enhanced migration activity after separation from cancer cells: A novel character of tumor educated fibroblasts. <i>International Journal of Oncology</i> , 2010, 37, 317-25.	3.3	25
126	Amelioration of Type II Diabetes indb/dbMice by Continuous Low-Dose-Rate $\hat{1}^3$ Irradiation. <i>Radiation Research</i> , 2007, 167, 592-599.	1.5	24

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127	<sc>H</sc>igh <sc>M</sc>obility <sc>G</sc>roup <sc>B</sc>ox1 (<sc>HMGB1</sc>) released from cancer cells induces the expression of proinflammatory cytokines in peritoneal fibroblasts. Pathology International, 2014, 64, 267-275.	1.3	24
128	Optimal fixation for total preanalytic phase evaluation in pathology laboratories. A comprehensive study including immunohistochemistry, <sc>DNA</sc>, and <sc>mRNA</sc> assays. Pathology International, 2014, 64, 209-216.	1.3	24
129	Gene copy number gain of EGFR is a poor prognostic biomarker in gastric cancer: evaluation of 855 patients with bright-field dual in situ hybridization (DISH) method. Gastric Cancer, 2016, 19, 63-73.	5.3	24
130	Establishment of Novel Gastric Cancer Patient-Derived Xenografts and Cell Lines: Pathological Comparison between Primary Tumor, Patient-Derived, and Cell-Line Derived Xenografts. Cells, 2019, 8, 585.	4.1	24
131	Highly proliferative intratumoral fibroblasts and a high proliferative microvessel index are significant predictors of tumor metastasis in T3 ulcerative-type colorectal cancer. Human Pathology, 2001, 32, 401-409.	2.0	23
132	Nerve invasion distance is dependent on laminin $\beta 2$ in tumors of pancreatic cancer. International Journal of Cancer, 2010, 127, 805-819.	5.1	23
133	Gene expression profile in the activation of subperitoneal fibroblasts reflects prognosis of patients with colon cancer. International Journal of Cancer, 2016, 138, 1422-1431.	5.1	23
134	Microenvironmental changes in the progression from adenocarcinoma in situ to minimally invasive adenocarcinoma and invasive lepidic predominant adenocarcinoma of the lung. Lung Cancer, 2016, 100, 53-62.	2.0	23
135	Clinicopathological characteristics of <sc>EGFR</sc> mutated adenosquamous carcinoma of the lung. Pathology International, 2013, 63, 77-84.	1.3	22
136	Circulating CD14+CD204+ Cells Predict Postoperative Recurrence in Non-Small-Cell Lung Cancer Patients. Journal of Thoracic Oncology, 2014, 9, 179-188.	1.1	22
137	Neural invasion induces cachexia via astrocytic activation of neural route in pancreatic cancer. International Journal of Cancer, 2012, 131, 2795-2807.	5.1	21
138	Identification of intravascular tumor microenvironment features predicting the recurrence of pathological stage <sc>I</sc> lung adenocarcinoma. Cancer Science, 2013, 104, 1262-1269.	3.9	21
139	Differences of tumor microenvironment between stage I lepidic-positive and lepidic-negative lung adenocarcinomas. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 1679-1688.e2.	0.8	21
140	Detection of Early Invasion on the Basis of Basement Membrane Destruction in Small Adenocarcinomas of the Lung and Its Clinical Implications. Modern Pathology, 2001, 14, 1237-1245.	5.5	20
141	Hyaluronan synthase expression in pleural malignant mesotheliomas. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2005, 446, 246-250.	2.8	20
142	Number of Circulating Endothelial Progenitor Cells and Intratumoral Microvessel Density in Non-small Cell Lung Cancer Patients: Differences in Angiogenic Status between Adenocarcinoma Histologic Subtypes. Journal of Thoracic Oncology, 2012, 7, 503-511.	1.1	20
143	Immunophenotypic features of metastatic lymph node tumors to predict recurrence in <sc>N</sc>2 lung squamous cell carcinoma. Cancer Science, 2014, 105, 905-911.	3.9	20
144	TEM 1 expression in cancer-associated fibroblasts is correlated with a poor prognosis in patients with gastric cancer. Cancer Medicine, 2015, 4, 1667-1678.	2.8	20

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145	Blood and lymphatic vessel invasion in pT1 colorectal cancer: an international concordance study. <i>Journal of Clinical Pathology</i> , 2015, 68, 628-632.	2.0	20
146	Clinicopathological significance of caveolin-1 expression by cancer-associated fibroblasts in lung adenocarcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017, 143, 321-328.	2.5	20
147	The ratio of cancer cells to stroma within the invasive area is a histologic prognostic parameter of lung adenocarcinoma. <i>Lung Cancer</i> , 2018, 118, 30-35.	2.0	20
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