

Atsushi Ochiai

List of Publications by Year in descending order

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Version: 2024-02-01

264
papers

13,177
citations

22099

59
h-index

30010

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.	1.6	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.	3.3	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.	2.0	357
4	Phenotypic and functional heterogeneity of cancer-associated fibroblast within the tumor microenvironment. <i>Advanced Drug Delivery Reviews</i> , 2016, 99, 186-196.	6.6	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.	0.4	317
6	Bone-marrow-derived myofibroblasts contribute to the cancer-induced stromal reaction. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 232-240.	1.0	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.	1.7	238
8	Stromal MCPâ€1 in mammary tumors induces tumor-associated macrophage infiltration and contributes to tumor progression. <i>International Journal of Cancer</i> , 2009, 125, 1276-1284.	2.3	235
9	Autophagy is activated in pancreatic cancer cells and correlates with poor patient outcome. <i>Cancer Science</i> , 2008, 99, 1813-1819.	1.7	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.	3.2	201
11	Podoplanin expression by cancer associated fibroblasts predicts poor prognosis of lung adenocarcinoma. <i>International Journal of Cancer</i> , 2008, 123, 1053-1059.	2.3	199
12	Clinicopathological features of programmed death ligandâ€1 expression with tumor-infiltrating lymphocyte, mismatch repair, and Epsteinâ€Barr virus status in a large cohort of gastric cancer patients. <i>Gastric Cancer</i> , 2017, 20, 407-415.	2.7	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.	1.6	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.	1.2	161
15	Stromal Macrophage Expressing CD204 is Associated with Tumor Aggressiveness in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2010, 5, 1507-1515.	0.5	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.	0.9	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.	0.4	146
18	In Vivo Characterization of Bone Marrow-Derived Fibroblasts Recruited into Fibrotic Lesions. <i>Stem Cells</i> , 2005, 23, 699-706.	1.4	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.	0.4	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.	2.7	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.	1.0	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.	1.7	129
23	Immunohistochemical detection of CD133 expression in colorectal cancer: A clinicopathological study. <i>Cancer Science</i> , 2008, 99, 1578-1583.	1.7	120
24	Impact of tumor-associated macrophages on invasive ductal carcinoma of the pancreas head. <i>Cancer Science</i> , 2012, 103, 2012-2020.	1.7	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.	2.9	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.	0.4	115
27	The VEGF angiogenic switch of fibroblasts is regulated by MMP-7 from cancer cells. <i>Oncogene</i> , 2007, 26, 7194-7203.	2.6	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.	1.0	110
29	MEK-ERK pathway regulates EZH2 overexpression in association with aggressive breast cancer subtypes. <i>Oncogene</i> , 2011, 30, 4118-4128.	2.6	110
30	Prognostic Impact of Cancer-Associated Stromal Cells in Patients With Stage I Lung Adenocarcinoma. <i>Chest</i> , 2012, 142, 151-158.	0.4	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.	2.3	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.	0.4	106
33	Human vascular adventitial fibroblasts contain mesenchymal stem/progenitor cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 305-310.	1.0	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.	3.2	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.	2.7	95
36	Immunohistochemical detection of K-sam protein in stomach cancer. <i>Clinical Cancer Research</i> , 1996, 2, 1373-81.	3.2	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.	1.7	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.	1.8	87
39	Degradation of soluble VEGF receptor-1 by MMP-7 allows VEGF access to endothelial cells. <i>Blood</i> , 2009, 113, 2363-2369.	0.6	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.	1.2	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.	2.1	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.	0.4	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.	2.1	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.	0.5	81
45	Expression of podoplanin, CD44, and p63 in squamous cell carcinoma of the lung. <i>Cancer Science</i> , 2009, 100, 2054-2059.	1.7	80
46	Comprehensive immunohistochemical analysis of tumor microenvironment immune status in esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 47252-47264.	0.8	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.	2.9	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.	2.9	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.	0.4	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.	2.3	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.	0.4	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.	2.9	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.	2.0	67
54	Characterization of Patients With Advanced Pancreatic Cancer and High Serum Interleukin-6 Levels. <i>Pancreas</i> , 2015, 44, 756-763.	0.5	67

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55	Primary Lung Carcinoma With Signet-ring Cell Carcinoma Components. <i>American Journal of Surgical Pathology</i> , 2004, 28, 868-874.	2.1	66
56	Comprehensive analyses using next-generation sequencing and immunohistochemistry enable precise treatment in advanced gastric cancer. <i>Annals of Oncology</i> , 2016, 27, 127-133.	0.6	65
57	Proliferative Activity of Intratumoral Fibroblasts Is Closely Correlated with Lymph Node and Distant Organ Metastases of Invasive Ductal Carcinoma of the Breast. <i>American Journal of Pathology</i> , 2000, 156, 1701-1710.	1.9	64
58	Prognostic Impact of CD204-Positive Macrophages in Lung Squamous Cell Carcinoma: Possible Contribution of Cd204-Positive Macrophages to the Tumor-Promoting Microenvironment. <i>Journal of Thoracic Oncology</i> , 2012, 7, 1790-1797.	0.5	64
59	Hypermethylation and unique mutational signatures of occupational cholangiocarcinoma in printing workers exposed to haloalkanes. <i>Carcinogenesis</i> , 2016, 37, 817-826.	1.3	63
60	Immunohistochemical Staining of Reg IV and Claudin-18 is Useful in the Diagnosis of Gastrointestinal Signet Ring Cell Carcinoma. <i>American Journal of Surgical Pathology</i> , 2008, 32, 1182-1189.	2.1	62
61	12-Gene Recurrence Score Assay Stratifies the Recurrence Risk in Stage II/III Colon Cancer With Surgery Alone: The SUNRISE Study. <i>Journal of Clinical Oncology</i> , 2016, 34, 2906-2913.	0.8	62
62	Blockade of Paracrine Supply of Insulin-Like Growth Factors Using Neutralizing Antibodies Suppresses the Liver Metastasis of Human Colorectal Cancers. <i>Clinical Cancer Research</i> , 2005, 11, 3494-3502.	3.2	60
63	Podoplanin-Positive Cancer-Associated Fibroblasts Could Have Prognostic Value Independent of Cancer Cell Phenotype in Stage I Lung Squamous Cell Carcinoma. <i>Chest</i> , 2013, 143, 963-970.	0.4	60
64	Important prognostic histological parameters for patients with invasive ductal carcinoma of the pancreas. <i>Cancer Science</i> , 2005, 96, 858-865.	1.7	59
65	Intestinal cancer progression by mutant p53 through the acquisition of invasiveness associated with complex glandular formation. <i>Oncogene</i> , 2017, 36, 5885-5896.	2.6	56
66	Mismatch repair deficiency commonly precedes adenoma formation in Lynch Syndrome-Associated colorectal tumorigenesis. <i>Modern Pathology</i> , 2017, 30, 1144-1151.	2.9	56
67	New prognostic histological parameter of invasive ductal carcinoma of the breast: Clinicopathological significance of fibrotic focus. <i>Pathology International</i> , 2000, 50, 263-272.	0.6	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. <i>Cancer Science</i> , 2007, 98, 685-691.	1.7	55
69	Evaluation of HER2-based biology in 1,006 cases of gastric cancer in a Japanese population. <i>Gastric Cancer</i> , 2014, 17, 34-42.	2.7	54
70	Carbonic anhydrase IX expression is associated with tumor progression and a poor prognosis of lung adenocarcinoma. <i>Lung Cancer</i> , 2006, 54, 409-418.	0.9	52
71	Dynamic molecular changes associated with epithelial-to-mesenchymal transition and subsequent mesenchymal-to-epithelial transition in the early phase of metastatic tumor formation. <i>International Journal of Cancer</i> , 2011, 128, 1585-1595.	2.3	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. <i>Journal of Clinical Oncology</i> , 2022, 40, LBA1-LBA1.	0.8	52

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73	Peritoneal Elastic Laminal Invasion of Colorectal Cancer. <i>American Journal of Surgical Pathology</i> , 2010, 34, 1351-1360.	2.1	51
74	Fibrous Stroma Is Associated with Poorer Prognosis in Lung Squamous Cell Carcinoma Patients. <i>Journal of Thoracic Oncology</i> , 2011, 6, 1460-1467.	0.5	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. <i>Journal of Clinical Pathology</i> , 2013, 66, 551-558.	1.0	49
76	Elevated transcript level of hyaluronan synthase1 gene correlates with poor prognosis of human colon cancer. <i>Clinical and Experimental Metastasis</i> , 2004, 21, 57-63.	1.7	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. <i>Lung Cancer</i> , 2009, 63, 418-424.	0.9	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. <i>Journal of Thoracic Oncology</i> , 2010, 5, 49-55.	0.5	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. <i>Surgery</i> , 2014, 156, 1204-1211.	1.0	47
80	Comprehensive screening of target molecules by next-generation sequencing in patients with malignant solid tumors: guiding entry into phase I clinical trials. <i>Molecular Cancer</i> , 2016, 15, 73.	7.9	47
81	In vivo and in vitro characterization of human fibroblasts recruited selectively into human cancer stroma. <i>International Journal of Cancer</i> , 2005, 117, 212-220.	2.3	46
82	Profiling the Tumour Immune Microenvironment in Pancreatic Neuroendocrine Neoplasms with Multispectral Imaging Indicates Distinct Subpopulation Characteristics Concordant with WHO 2017 Classification. <i>Scientific Reports</i> , 2018, 8, 13166.	1.6	46
83	Tumor promoting effect of podoplanin-positive fibroblasts is mediated by enhanced RhoA activity. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 194-199.	1.0	45
84	Fibroblast-led cancer cell invasion is activated by epithelial-to-mesenchymal transition through platelet-derived growth factor BB secretion of lung adenocarcinoma. <i>Cancer Letters</i> , 2017, 395, 20-30.	3.2	44
85	DEVELOPMENT OF MYOFIBROBLASTS FROM HUMAN BONE MARROW MESENCHYMAL STEM CELLS COCULTURED WITH HUMAN COLON CARCINOMA CELLS AND TGF BETA 1. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2000, 36, 77.	0.7	43
86	Prognostic significance of carbonic anhydrase IX expression by cancer-associated fibroblasts in lung adenocarcinoma. <i>Cancer</i> , 2009, 115, 2732-2743.	2.0	43
87	Relationship between podoplanin-expressing cancer-associated fibroblasts and the immune microenvironment of early lung squamous cell carcinoma. <i>Lung Cancer</i> , 2021, 153, 1-10.	0.9	43
88	Prostate-specific antigen induces apoptosis of osteoclast precursors: Potential Role in osteoblastic bone metastases of prostate cancer. <i>Prostate</i> , 2006, 66, 1573-1584.	1.2	42
89	Distinct clinicopathologic characteristics of lung mucinous adenocarcinoma with KRAS mutation. <i>Human Pathology</i> , 2013, 44, 2636-2642.	1.1	41
90	Prognostic impact of M2 macrophages at neural invasion in patients with invasive ductal carcinoma of the pancreas. <i>European Journal of Cancer</i> , 2014, 50, 1900-1908.	1.3	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.	1.4	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.	0.9	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.	0.9	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.	1.3	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.	0.9	39
96	Collagen type I induces EGFR ⁺ TKI ⁺ resistance in EGFR ⁺ mutated cancer cells by mTOR activation through Akt ⁺ independent pathway. <i>Cancer Science</i> , 2018, 109, 2063-2073.	1.7	39
97	Gastrointestinal Fibroblasts Have Specialized, Diverse Transcriptional Phenotypes: A Comprehensive Gene Expression Analysis of Human Fibroblasts. <i>PLoS ONE</i> , 2015, 10, e0129241.	1.1	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.	2.3	37
99	C-Reactive Protein Level Is an Indicator of the Aggressiveness of Advanced Pancreatic Cancer. <i>Pancreas</i> , 2016, 45, 110-116.	0.5	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.	1.4	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.	1.6	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.	0.7	35
103	RAS oncogenic signal upregulates EZH2 in pancreatic cancer. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 1074-1079.	1.0	35
104	Comprehensive characterization of RSPO fusions in colorectal traditional serrated adenomas. <i>Histopathology</i> , 2017, 71, 601-609.	1.6	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.	0.9	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.	0.9	33
107	Human Subperitoneal Fibroblast and Cancer Cell Interaction Creates Microenvironment That Enhances Tumor Progression and Metastasis. <i>PLoS ONE</i> , 2014, 9, e88018.	1.1	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.	0.9	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.	1.2	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.	0.4	33
111	Prostate-Specific Antigen Induces Osteoplastic Changes by an Autonomous Mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 1082-1087.	1.0	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.	1.1	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.	2.7	32
114	Automated histological classification of whole slide images of colorectal biopsy specimens. <i>Oncotarget</i> , 2017, 8, 90719-90729.	0.8	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.	0.5	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.	1.1	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.	0.9	30
118	CD133 expression in rectal cancer after preoperative chemoradiotherapy. <i>Cancer Science</i> , 2010, 101, 906-912.	1.7	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.	1.2	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.	1.0	29
121	Podoplanin-expressing cancer-associated fibroblasts inhibit small cell lung cancer growth. <i>Oncotarget</i> , 2015, 6, 9531-9541.	0.8	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.	2.3	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.	0.6	27
124	Clinical outcome after endoscopic resection for superficial pharyngeal squamous cell carcinoma invading the subepithelial layer. <i>Endoscopy</i> , 2014, 47, 11-18.	1.0	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.	1.4	25
126	Amelioration of Type II Diabetes indb/dbMice by Continuous Low-Dose-Rate β^3 Irradiation. <i>Radiation Research</i> , 2007, 167, 592-599.	0.7	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 pro-inflammatory cytokines in peritoneal fibroblasts. Pathology International, 2014, 64, 267-275.	0.6	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.	0.6	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.	2.7	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.	1.8	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.	1.1	23
132	Nerve invasion distance is dependent on laminin β 2 in tumors of pancreatic cancer. International Journal of Cancer, 2010, 127, 805-819.	2.3	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.	2.3	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.	0.9	23
135	Clinicopathological characteristics of <sc>EGFR</sc> mutated adenosquamous carcinoma of the lung. Pathology International, 2013, 63, 77-84.	0.6	22
136	Circulating CD14+CD204+ Cells Predict Postoperative Recurrence in Non-Small-Cell Lung Cancer Patients. Journal of Thoracic Oncology, 2014, 9, 179-188.	0.5	22
137	Neural invasion induces cachexia via astrocytic activation of neural route in pancreatic cancer. International Journal of Cancer, 2012, 131, 2795-2807.	2.3	21
138	Identification of intravascular tumor microenvironment features predicting the recurrence of pathological stage I lung adenocarcinoma. Cancer Science, 2013, 104, 1262-1269.	1.7	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.	0.4	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.	2.9	20
141	Hyaluronan synthase expression in pleural malignant mesotheliomas. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2005, 446, 246-250.	1.4	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.	0.5	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.	1.7	20
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