

Quantitative Assessment of the Heterogeneity of PD-L1 Cancer

JAMA Oncology

2, 46

DOI: [10.1001/jamaoncol.2015.3638](https://doi.org/10.1001/jamaoncol.2015.3638)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Current state of immunotherapy for non-small cell lung cancer. Translational Lung Cancer Research, 2007, 6, 196-211.	1.3	150
2	Mismatch repair deficiency associated with complete remission to combination programmed cell death ligand immune therapy in a patient with sporadic urothelial carcinoma: immunotheranostic considerations. , 2015, 3, 58.		26
3	Clinical significance of <i>PD-L1</i> and <i>PD-L2</i> copy number gains in non-small-cell lung cancer. Oncotarget, 2016, 7, 32113-32128.	0.8	100
4	Programmed cell death ligand-1 (PD-L1) expression by immunohistochemistry: could it be predictive and/or prognostic in non-small cell lung cancer?. Cancer Biology and Medicine, 2016, 13, 157-170.	1.4	86
5	New targeted treatments for non-small-cell lung cancer – role of nivolumab. Biologics: Targets and Therapy, 2016, Volume 10, 103-117.	3.0	23
6	Abundant PD-L1 expression in Epstein-Barr Virus-infected gastric cancers. Oncotarget, 2016, 7, 32925-32932.	0.8	248
7	Basic Overview of Current Immunotherapy Approaches in Cancer. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2016, 35, 298-308.	1.8	115
8	Biomarkers for Immunotherapy: Current Developments and Challenges. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2016, 35, e493-e503.	1.8	85
9	Metastatic lymphoepithelioma-like carcinoma of the lung treated with nivolumab: a case report and focused review of literature. Translational Lung Cancer Research, 2016, 5, 720-726.	1.3	32
10	Increased expression of programmed death ligand 1 (PD-L1) in human pituitary tumors. Oncotarget, 2016, 7, 76565-76576.	0.8	100
11	Variability in Immunohistochemical Detection of Programmed Death Ligand 1 (PD-L1) in Cancer Tissue Types. International Journal of Molecular Sciences, 2016, 17, 790.	1.8	32
12	PD-L1 Immunohistochemical Detection in Tumor Cells and Tumor Microenvironment: Main Considerations on the Use of Tissue Micro Arrays. International Journal of Molecular Sciences, 2016, 17, 1046.	1.8	20
13	PD-1 and PD-L1 Immune Checkpoint Blockade to Treat Breast Cancer. Breast Care, 2016, 11, 385-390.	0.8	20,872
15	Scoring of PD-L1 expression intensity on pulmonary adenocarcinomas and the correlations with clinicopathological factors. ESMO Open, 2016, 1, e000083.	2.0	61
16	Expression of PD-L1 in triple-negative breast cancer based on different immunohistochemical antibodies. Journal of Translational Medicine, 2016, 14, 173.	1.8	103
17	PD-L1 Expression in Lung Cancer. Journal of Thoracic Oncology, 2016, 11, 964-975.	0.5	329
18	Targeting PD-L1 for non-small-cell lung cancer. Immunotherapy, 2016, 8, 747-758.	1.0	12
19	Into the Clinic With Nivolumab and Pembrolizumab. Oncologist, 2016, 21, 527-528.	1.9	17

#	ARTICLE	IF	CITATIONS
20	Investigation of PD-L1 Biomarker Testing Methods for PD-1 Axis Inhibition in Non-squamous Non-small Cell Lung Cancer. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 587-600.	1.3	30
21	Programmed cell death-ligand 1 expression in oral squamous cell carcinoma is associated with an inflammatory phenotype. <i>Pathology</i> , 2016, 48, 574-580.	0.3	59
22	Relationship of tumor PD-L1 expression with EGFR wild-type status and poor prognosis in lung adenocarcinoma. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 935-941.	0.6	49
23	Predicting PD-L1 expression on human cancer cells using next-generation sequencing information in computational simulation models. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 1511-1522.	2.0	17
25	Programmed Cell Death Ligand-1 Blockade in Urothelial Bladder Cancer: To Select or Not to Select. <i>Journal of Clinical Oncology</i> , 2016, 34, 3115-3116.	0.8	16
26	Programmed Cell Death Ligand 1 Expression in Resected Lung Adenocarcinomas: Association with Immune Microenvironment. <i>Journal of Thoracic Oncology</i> , 2016, 11, 1869-1878.	0.5	81
27	Challenges in molecular testing in non-small-cell lung cancer patients with advanced disease. <i>Lancet, The</i> , 2016, 388, 1002-1011.	6.3	132
28	Malignant Mesothelioma Effusions Are Infiltrated by CD3+ T Cells Highly Expressing PD-L1 and the PD-L1+ Tumor Cells within These Effusions Are Susceptible to ADCC by the Anti-PD-L1 Antibody Avelumab. <i>Journal of Thoracic Oncology</i> , 2016, 11, 1993-2005.	0.5	96
29	PD-L1 expression in basaloid squamous cell lung carcinoma: Relationship to PD-1+ and CD8+ tumor-infiltrating T cells and outcome. <i>Modern Pathology</i> , 2016, 29, 1552-1564.	2.9	25
30	Temporal and spatial discordance of programmed cell death-ligand 1 expression and lymphocyte tumor infiltration between paired primary lesions and brain metastases in lung cancer. <i>Annals of Oncology</i> , 2016, 27, 1953-1958.	0.6	289
31	EGFR-GRB2 Protein Colocalization Is a Prognostic Factor Unrelated to Overall EGFR Expression or EGFR Mutation in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2016, 11, 1901-1911.	0.5	14
32	PD-L1 expression is associated with epithelial-to-mesenchymal transition in adenocarcinoma of the lung. <i>Human Pathology</i> , 2016, 58, 7-14.	1.1	135
33	Advances in the Treatment of Non-small Cell Lung Cancer: Focus on Nivolumab, Pembrolizumab, and Atezolizumab. <i>BioDrugs</i> , 2016, 30, 397-405.	2.2	36
34	The pathway to clinical use of a cancer biomarker. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2016, 76, S17-S21.	0.6	3
35	Making urothelial carcinomas less immune to immunotherapy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2016, 34, 534-537.	0.8	2
36	Peripheral blood Th9 cells are a possible pharmacodynamic biomarker of nivolumab treatment efficacy in metastatic melanoma patients. <i>Onc Immunology</i> , 2016, 5, e1248327.	2.1	60
37	Anti-PD-1 increases the clonality and activity of tumor infiltrating antigen specific T cells induced by a potent immune therapy consisting of vaccine and metronomic cyclophosphamide. , 2016, 4, 68.		27
38	Serum levels of soluble programmed cell death ligand 1 as a prognostic factor on the first-line treatment of metastatic or recurrent gastric cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 1727-1738.	1.2	73

#	ARTICLE	IF	CITATIONS
39	Checkpoint Inhibitors in Head and Neck Cancer: Rationale, Clinical Activity, and Potential Biomarkers. <i>Current Treatment Options in Oncology</i> , 2016, 17, 40.	1.3	34
40	Moving Immune Checkpoint Blockade in Thoracic Tumors beyond NSCLC. <i>Journal of Thoracic Oncology</i> , 2016, 11, 1819-1836.	0.5	31
41	Clinicopathological and prognostic significance of programmed cell death ligand-1 expression in lung adenocarcinoma and its relationship with p53 status. <i>Lung Cancer</i> , 2016, 97, 73-80.	0.9	122
42	Nivolumab and Pembrolizumab for Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 3713-3717.	3.2	62
43	Biomarkers for the Clinical Use of PD-1/PD-L1 Inhibitors in Non-Small-Cell Lung Cancer. <i>JAMA Oncology</i> , 2016, 2, 1217.	3.4	216
44	PD-L1 Testing and Lack of Benefit to Guide Treatment With Immune Checkpoint Inhibitors in Patients With Non-Small-Cell Lung Cancer. <i>JAMA Oncology</i> , 2016, 2, 569.	3.4	5
45	PD-L1 and Lung Cancer: The Era of Precision-ish Medicine?. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 351-354.	1.2	12
46	Programmed Death Ligand-1 Immunohistochemistry: Friend or Foe?. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 326-331.	1.2	118
47	Assessment of the PD-L1 status by immunohistochemistry: challenges and perspectives for therapeutic strategies in lung cancer patients. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016, 468, 511-525.	1.4	212
49	Molecular pathology in real time. <i>Cancer and Metastasis Reviews</i> , 2016, 35, 129-140.	2.7	26
50	Predictive Markers for the Efficacy of Anti-PD-1/PD-L1 Antibodies in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016, 11, 976-988.	0.5	197
51	Predictive Biomarkers for PD-1 Axis Therapies: The Hidden Treasure or a Call for Research. <i>Clinical Cancer Research</i> , 2016, 22, 2102-2104.	3.2	31
52	Comprehensive screening for PD-L1 expression in thyroid cancer. <i>Endocrine-Related Cancer</i> , 2017, 24, 97-106.	1.6	119
53	Heterogeneous expression of PD-L1 in pulmonary squamous cell carcinoma and adenocarcinoma: implications for assessment by small biopsy. <i>Modern Pathology</i> , 2017, 30, 530-538.	2.9	92
54	Expression of PD-L1 and presence of CD8-positive T cells in pre-treatment specimens of locally advanced cervical cancer. <i>Modern Pathology</i> , 2017, 30, 577-586.	2.9	132
55	Tumor-associated macrophage expression of PD-L1 in implants of high grade serous ovarian carcinoma: A comparison of matched primary and metastatic tumors. <i>Gynecologic Oncology</i> , 2017, 144, 607-612.	0.6	61
56	PD-L1 (CD274) copy number gain, expression, and immune cell infiltration as candidate predictors for response to immune checkpoint inhibitors in soft-tissue sarcoma. <i>Oncolmmunology</i> , 2017, 6, e1279777.	2.1	50
57	Agreement between Programmed Cell Death Ligand-1 Diagnostic Assays across Multiple Protein Expression Cutoffs in Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 3585-3591.	3.2	264

#	ARTICLE	IF	CITATIONS
58	Immunoprofiling as a predictor of patient's response to cancer therapy" promises and challenges. <i>Current Opinion in Immunology</i> , 2017, 45, 60-72.	2.4	39
59	Comparative analysis of PD-L1 expression between primary and metastatic pulmonary adenocarcinomas. <i>European Journal of Cancer</i> , 2017, 75, 141-149.	1.3	84
60	PD-L1 Studies Across Tumor Types, Its Differential Expression and Predictive Value in Patients Treated with Immune Checkpoint Inhibitors. <i>Clinical Cancer Research</i> , 2017, 23, 4270-4279.	3.2	117
62	Heterogeneity in Immune Marker Expression after Acquisition of Resistance to EGFR Kinase Inhibitors: Analysis of a Case with Small Cell Lung Cancer Transformation. <i>Journal of Thoracic Oncology</i> , 2017, 12, 1015-1020.	0.5	20
64	Assays for PD-L1 Expression. <i>JAMA Oncology</i> , 2017, 3, 1058.	3.4	4
65	PD-L1 expression is a poor-prognosis factor in soft-tissue sarcomas. <i>Oncolmmunology</i> , 2017, 6, e1278100.	2.1	65
66	A Comprehensive Analysis of Programmed Cell Death Ligand-1 Expression With the Clone SP142 Antibody in Non-Small-Cell Lung Cancer Patients. <i>Clinical Lung Cancer</i> , 2017, 18, 572-582.e1.	1.1	46
67	PD-L1 Expression in Melanoma: A Quantitative Immunohistochemical Antibody Comparison. <i>Clinical Cancer Research</i> , 2017, 23, 4938-4944.	3.2	120
68	Mutation patterns in genes encoding interferon signaling and antigen presentation: A pan-cancer survey with implications for the use of immune checkpoint inhibitors. <i>Genes Chromosomes and Cancer</i> , 2017, 56, 651-659.	1.5	35
69	PD-L1 Expression and Intratumoral Heterogeneity Across Breast Cancer Subtypes and Stages. <i>American Journal of Surgical Pathology</i> , 2017, 41, 334-342.	2.1	143
70	PD-L1 Expression in Mismatch Repair-deficient Endometrial Carcinomas, Including Lynch Syndrome-associated and MLH1 Promoter Hypermethylated Tumors. <i>American Journal of Surgical Pathology</i> , 2017, 41, 326-333.	2.1	113
71	The Evolving Role of Biomarkers in Personalized Lung Cancer Therapy. <i>Respiration</i> , 2017, 93, 1-14.	1.2	7
72	The Era of Checkpoint Blockade in Lung Cancer: Taking the Brakes Off the Immune System. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1248-1260.	1.5	15
73	Preclinical immunoPET/CT imaging using Zr-89-labeled anti-PD-L1 monoclonal antibody for assessing radiation-induced PD-L1 upregulation in head and neck cancer and melanoma. <i>Oncolmmunology</i> , 2017, 6, e1329071.	2.1	85
74	Turning the tide: Clinical utility of PD-L1 expression in squamous cell carcinoma of the head and neck. <i>Oral Oncology</i> , 2017, 70, 34-42.	0.8	38
75	Clinical applications of PD-L1 bioassays for cancer immunotherapy. <i>Journal of Hematology and Oncology</i> , 2017, 10, 110.	6.9	66
76	Evaluating the significance of density, localization, and PD-1/PD-L1 immunopositivity of mononuclear cells in the clinical course of lung adenocarcinoma patients with brain metastasis. <i>Neuro-Oncology</i> , 2017, 19, 1058-1067.	0.6	38
77	Utility of PD-L1 immunohistochemistry assays for predicting PD-1/PD-L1 inhibitor response. <i>Biomarker Research</i> , 2017, 5, 12.	2.8	149

#	ARTICLE	IF	CITATIONS
78	Overexpression and gene amplification of PD-L1 in cancer cells and PD-L1+ immune cells in Epstein-Barr virus-associated gastric cancer: the prognostic implications. <i>Modern Pathology</i> , 2017, 30, 427-439.	2.9	130
79	Analysis of the prognostic role of an immune checkpoint score in resected non-small cell lung cancer patients. <i>Oncolmmunology</i> , 2017, 6, e1260214.	2.1	11
80	Immunological profiling of molecularly classified high-risk endometrial cancers identifies <i>POLE</i> -mutant and microsatellite unstable carcinomas as candidates for checkpoint inhibition. <i>Oncolmmunology</i> , 2017, 6, e1264565.	2.1	102
81	The expression of PD-L1 protein as a prognostic factor in lung squamous cell carcinoma. <i>Lung Cancer</i> , 2017, 104, 7-15.	0.9	69
82	PD-L1 immunohistochemistry for non-small cell lung carcinoma: which strategy should be adopted?. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 1097-1108.	1.5	31
83	PD-L1 expression in squamous-cell carcinoma and adenocarcinoma of the lung. <i>Radiology and Oncology</i> , 2017, 51, 357-362.	0.6	40
84	Anti-PD-1/anti-PD-L1 immunotherapy versus docetaxel for previously treated advanced non-small cell lung cancer: a systematic review and meta-analysis of randomised clinical trials. <i>ESMO Open</i> , 2017, 2, e000236.	2.0	30
85	Metabolic characteristics of programmed cell death-1-expressing lung cancer on ¹⁸ F-fluorodeoxyglucose positron emission tomography/computed tomography. <i>Cancer Medicine</i> , 2017, 6, 2552-2561.	1.3	80
86	PD-L1 IHC in NSCLC with a global and methodological perspective. <i>Lung Cancer</i> , 2017, 113, 102-105.	0.9	34
87	PD-L1 expression in non-small cell lung carcinoma: Comparison among cytology, small biopsy, and surgical resection specimens. <i>Cancer Cytopathology</i> , 2017, 125, 896-907.	1.4	164
88	Putative predictors of efficacy for immune checkpoint inhibitors in non-small-cell lung cancer: facing the complexity of the immune system. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 1055-1069.	1.5	24
89	Membranous and Cytoplasmic Expression of PD-L1 in Ovarian Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2017, 43, 1893-1906.	1.1	65
90	PDL-1/PD1 inhibitors: antibody or antinobody?. <i>Future Oncology</i> , 2017, 13, 1669-1671.	1.1	7
91	Agonist immunotherapy restores T cell function following MEK inhibition improving efficacy in breast cancer. <i>Nature Communications</i> , 2017, 8, 606.	5.8	89
92	Circulating 25-hydroxyvitamin D level and prognosis of lung cancer patients: A systematic review and meta-analysis. <i>Bulletin Du Cancer</i> , 2017, 104, 675-682.	0.6	8
93	PD-L1 pitfalls: Emphasizing the importance of membranous localization and correlation with tumor cell and macrophage distributions. <i>Gynecologic Oncology Reports</i> , 2017, 20, 135-136.	0.3	1
94	Cell genomics and immunosuppressive biomarker expression influence PD-L1 immunotherapy treatment responses in HNSCC—a computational study. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2017, 124, 157-164.	0.2	8
95	Comparison of 22C3 PD-L1 Expression between Surgically Resected Specimens and Paired Tissue Microarrays in Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2017, 12, 1536-1543.	0.5	53

#	ARTICLE	IF	CITATIONS
96	Temporal and spatial heterogeneity of programmed cell death 1-Ligand 1 expression in malignant mesothelioma. <i>Oncolmunology</i> , 2017, 6, e1356146.	2.1	27
97	PD-L1 expression in advanced NSCLC: Insights into risk stratification and treatment selection from a systematic literature review. <i>Lung Cancer</i> , 2017, 112, 200-215.	0.9	213
98	Immunotherapy in Breast Cancer: the Emerging Role of PD-1 and PD-L1. <i>Current Oncology Reports</i> , 2017, 19, 64.	1.8	106
99	Programmed Death Ligand 1 Expression in Paired Non-“Small Cell Lung Cancer Tumor Samples. <i>Clinical Lung Cancer</i> , 2017, 18, e473-e479.	1.1	35
100	Point: The Imprecise Pursuit of Precision Medicine: Are Biomarkers to Blame?. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2017, 15, 859-862.	2.3	12
101	PD-L1 and immune escape: insights from melanoma and other lineage-unrelated malignancies. <i>Human Pathology</i> , 2017, 66, 13-33.	1.1	46
102	Monitoring immune-checkpoint blockade: response evaluation and biomarker development. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 655-668.	12.5	787
103	Nuclear IRF-1 expression as a mechanism to assess “Capability” to express PD-L1 and response to PD-1 therapy in metastatic melanoma. , 2017, 5, 25.		35
104	Heterogeneity of CD8+ tumor-infiltrating lymphocytes in non-small-cell lung cancer: impact on patient prognostic assessments and comparison of quantification by different sampling strategies. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 33-43.	2.0	30
105	The Evolution of Oncology Companion Diagnostics from Signal Transduction to Immuno-Oncology. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 41-54.	4.0	21
106	Quantitative and pathologist-read comparison of the heterogeneity of programmed death-ligand 1 (PD-L1) expression in non-small cell lung cancer. <i>Modern Pathology</i> , 2017, 30, 340-349.	2.9	138
107	Towards Precision Medicine in the Clinic: From Biomarker Discovery to Novel Therapeutics. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 25-40.	4.0	87
108	A Quantitative Comparison of Antibodies to Programmed Cell Death 1 Ligand 1. <i>JAMA Oncology</i> , 2017, 3, 256.	3.4	164
109	Validated programmed cell death ligand 1 immunohistochemistry assays (E1L3N and <sc>SP</sc>142) reveal similar immune cell staining patterns in melanoma when using the same sensitive detection system. <i>Histopathology</i> , 2017, 70, 253-263.	1.6	37
110	An Analytical Comparison of Dako 28-8 PharmDx Assay and an E1L3N Laboratory-Developed Test in the Immunohistochemical Detection of Programmed Death-Ligand 1. <i>Molecular Diagnosis and Therapy</i> , 2017, 21, 85-93.	1.6	28
111	Assessing PDL-1 and PD-1 in Non-“Small Cell Lung Cancer: A Novel Immunoscore Approach. <i>Clinical Lung Cancer</i> , 2017, 18, 220-233.e8.	1.1	72
112	Differential Expression and Significance of PD-L1, IDO-1, and B7-H4 in Human Lung Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 370-378.	3.2	150
114	Programmed death ligand 1 (pd-l1) expression in malignant mesenchymal tumors. <i>Turk Patoloji Dergisi</i> , 2017, 1, 192-197.	0.1	16

#	ARTICLE	IF	CITATIONS
115	PD-L1 Promotes Self-Renewal and Tumorigenicity of Malignant Melanoma Initiating Cells. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	13
116	Update on Programmed Death-1 and Programmed Death-Ligand 1 Inhibition in the Treatment of Advanced or Metastatic Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2017, 7, 67.	1.3	28
117	Emerging role of nivolumab in the management of patients with non-small-cell lung cancer: current data and future perspectives. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 3697-3708.	1.0	6
118	Use of the 22C3 anti-PD-L1 antibody to determine PD-L1 expression in multiple automated immunohistochemistry platforms. <i>PLoS ONE</i> , 2017, 12, e0183023.	1.1	73
119	Intratumoral heterogeneity of programmed cell death ligand-1 expression is common in lung cancer. <i>PLoS ONE</i> , 2017, 12, e0186192.	1.1	49
120	Clinicopathological and prognostic significance of programmed death ligand-1 expression in breast cancer: a meta-analysis. <i>BMC Cancer</i> , 2017, 17, 690.	1.1	41
121	AKT1low quiescent cancer cells persist after neoadjuvant chemotherapy in triple negative breast cancer. <i>Breast Cancer Research</i> , 2017, 19, 88.	2.2	25
122	Effect of neoadjuvant chemotherapy on tumor-infiltrating lymphocytes and PD-L1 expression in breast cancer and its clinical significance. <i>Breast Cancer Research</i> , 2017, 19, 91.	2.2	90
123	Biomarkers for immunotherapy in bladder cancer: a moving target. , 2017, 5, 94.		144
124	Prognostic value of programmed death-1, programmed death-ligand 1, programmed death-ligand 2 expression, and CD8(+) T cell density in primary tumors and metastatic lymph nodes from patients with stage T1-4N+M0 gastric adenocarcinoma. <i>Chinese Journal of Cancer</i> , 2017, 36, 61.	4.9	42
125	Comprehensive Review of PD1/L1 Inhibition in Metastatic Solid Tumors: Safety, efficacy and Resistance. <i>Journal of Biomedical Sciences</i> , 2017, 06, .	0.3	0
126	PD-L1 immunohistochemical assays for assessment of therapeutic strategies involving immune checkpoint inhibitors in non-small cell lung cancer: a comparative study. <i>Oncotarget</i> , 2017, 8, 98524-98532.	0.8	40
127	Challenges and future of biomarker tests in the era of precision oncology: Can we rely on immunohistochemistry (IHC) or fluorescence <i>in situ</i> hybridization (FISH) to select the optimal patients for matched therapy?. <i>Oncotarget</i> , 2017, 8, 100863-100898.	0.8	16
128	The mechanism of de novo expression of programmed cell death-ligand 1 in squamous cell carcinoma of the lung. <i>Oncology Reports</i> , 2017, 38, 2189-2196.	1.2	5
129	Immunotherapy supplanting chemotherapy for upfront treatment of advanced non-small cell lung cancer: what's next?. <i>Journal of Thoracic Disease</i> , 2017, 9, E519-E521.	0.6	3
130	Dynamic change of PD-L1 expression on circulating tumor cells in advanced solid tumor patients undergoing PD-1 blockade therapy. <i>Oncolmmunology</i> , 2018, 7, e1438111.	2.1	119
131	Clinical performance of endobronchial ultrasound-guided transbronchial needle aspiration for assessing programmed death ligand-1 expression in nonsmall cell lung cancer. <i>Diagnostic Cytopathology</i> , 2018, 46, 378-383.	0.5	38
132	Increase in PD-L1 expression after pre-operative radiotherapy for soft tissue sarcoma. <i>Oncolmmunology</i> , 2018, 7, e1442168.	2.1	64

#	ARTICLE	IF	CITATIONS
133	Programmed death ligand 1 testing in non-small cell lung carcinoma cytology cell block and aspirate smear preparations. <i>Cancer Cytopathology</i> , 2018, 126, 342-352.	1.4	102
134	Programmed death ligand 1 is a promising blood marker for predicting tumor progression and prognosis in patients with gastric cancer. <i>Cancer Science</i> , 2018, 109, 814-820.	1.7	31
136	Predicting outcomes in patients with advanced non-small cell lung cancer enrolled in early phase immunotherapy trials. <i>Lung Cancer</i> , 2018, 120, 137-141.	0.9	29
137	Gender and outcomes in non-small cell lung cancer: an old prognostic variable comes back for targeted therapy and immunotherapy?. <i>ESMO Open</i> , 2018, 3, e000344.	2.0	105
138	PD-L1 expression testing in non-small cell lung cancer. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883591876349.	1.4	120
139	Heterogeneity of PD-L1 Expression Among the Different Histological Components and Metastatic Lymph Nodes in Patients With Resected Lung Adenosquamous Carcinoma. <i>Clinical Lung Cancer</i> , 2018, 19, e421-e430.	1.1	53
141	Contraction of T cell richness in lung cancer brain metastases. <i>Scientific Reports</i> , 2018, 8, 2171.	1.6	74
142	Cytologic-histologic correlation of programmed death ligand 1 immunohistochemistry in lung carcinomas. <i>Cancer Cytopathology</i> , 2018, 126, 253-263.	1.4	70
144	Development of an Immune-Pathology Informed Radiomics Model for Non-Small Cell Lung Cancer. <i>Scientific Reports</i> , 2018, 8, 1922.	1.6	108
145	Role of immune-checkpoint inhibitors in lung cancer. <i>Therapeutic Advances in Respiratory Disease</i> , 2018, 12, 175346581775007.	1.0	88
146	Decitabine improve the efficiency of anti-PD-1 therapy via activating the response to IFN/PD-L1 signal of lung cancer cells. <i>Oncogene</i> , 2018, 37, 2302-2312.	2.6	57
147	Eradication of Triple-Negative Breast Cancer Cells by Targeting Glycosylated PD-L1. <i>Cancer Cell</i> , 2018, 33, 187-201.e10.	7.7	381
149	TPF induction chemotherapy increases PD-L1 expression in tumour cells and immune cells in head and neck squamous cell carcinoma. <i>ESMO Open</i> , 2018, 3, e000257.	2.0	62
150	Comprehensive Assessment of PD-L1 Staining Heterogeneity in Pulmonary Adenocarcinomas Using Tissue Microarrays. <i>American Journal of Surgical Pathology</i> , 2018, 42, 687-694.	2.1	31
151	PD-L1 and Emerging Biomarkers in Immune Checkpoint Blockade Therapy. <i>Cancer Journal (Sudbury, Mass)</i> 10(10):900-909	1.0	90
152	Concordance study of PD-L1 expression in primary and metastatic bladder carcinomas: comparison of four commonly used antibodies and RNA expression. <i>Modern Pathology</i> , 2018, 31, 623-632.	2.9	102
153	Comparison of Four PD-L1 Immunohistochemical Assays in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2018, 13, 367-376.	0.5	127
154	Molecular Biomarkers of Primary and Acquired Resistance to T-Cell-Mediated Immunotherapy in Cancer: Landscape, Clinical Implications, and Future Directions. <i>Oncologist</i> , 2018, 23, 410-421.	1.9	23

#	ARTICLE	IF	CITATIONS
155	Feasibility and Safety of Intrathoracic Biopsy and Repeat Biopsy for Evaluation of Programmed Cell Death Ligand-1 Expression for Immunotherapy in Non-Small Cell Lung Cancer. <i>Radiology</i> , 2018, 287, 326-332.	3.6	24
156	Immune Checkpoint Inhibition in Lung Cancer. , 2018, , 333-344.		0
157	PD-L1 expression according to the EGFR status in primary lung adenocarcinoma. <i>Lung Cancer</i> , 2018, 116, 1-6.	0.9	51
158	Clinical response to PD-1 blockade correlates with a sub-fraction of peripheral central memory CD4+ T cells in patients with malignant melanoma. <i>International Immunology</i> , 2018, 30, 13-22.	1.8	74
159	The expression of programmed death ligand-1 could be related with unfavorable prognosis in salivary duct carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2018, 47, 683-690.	1.4	28
160	Genomics of NSCLC patients both affirm PD-L1 expression and predict their clinical responses to anti-PD-1 immunotherapy. <i>BMC Cancer</i> , 2018, 18, 225.	1.1	28
161	PD-L1 diagnostic tests: a systematic literature review of scoring algorithms and test-validation metrics. <i>Diagnostic Pathology</i> , 2018, 13, 12.	0.9	175
162	Expression Patterns, Prognostic Value, and Intratumoral Heterogeneity of PD-L1 and PD-1 in Thymoma and Thymic Carcinoma. <i>Journal of Thoracic Oncology</i> , 2018, 13, 1204-1212.	0.5	46
163	Integrative Pharmacology: Advancing Development of Effective Immunotherapies. <i>AAPS Journal</i> , 2018, 20, 66.	2.2	10
164	Tumor-Infiltrating Lymphocytes and PD-L1 Expression in Pre- and Posttreatment Breast Cancers in the SWOG S0800 Phase II Neoadjuvant Chemotherapy Trial. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1324-1331.	1.9	65
165	Comprehensive Evaluation of Programmed Death-Ligand 1 Expression in Primary and Metastatic Prostate Cancer. <i>American Journal of Pathology</i> , 2018, 188, 1478-1485.	1.9	119
166	Biomarker use in lung cancer management: expanding horizons. <i>Biomarkers in Medicine</i> , 2018, 12, 315-320.	0.6	2
167	Clinical and Molecular Predictors of PD-L1 Expression in Non-Small-Cell Lung Cancer: Systematic Review and Meta-analysis. <i>Clinical Lung Cancer</i> , 2018, 19, 315-322.	1.1	36
168	PD-L1 protein expression in tumour cells and immune cells in mismatch repair protein-deficient and -proficient colorectal cancer: the foundation study using the SP142 antibody and whole section immunohistochemistry. <i>Journal of Clinical Pathology</i> , 2018, 71, 46-51.	1.0	17
169	Immunohistochemistry of Pulmonary Biomarkers: A Perspective From Members of the Pulmonary Pathology Society. <i>Archives of Pathology and Laboratory Medicine</i> , 2018, 142, 408-419.	1.2	70
170	Programmed death-ligand 1 testing of lung cancer cytology specimens obtained with bronchoscopy. <i>Cancer Cytopathology</i> , 2018, 126, 122-128.	1.4	60
171	Low PD-1 Expression in Cytotoxic CD8+ Tumor-Infiltrating Lymphocytes Confers an Immune-Privileged Tissue Microenvironment in NSCLC with a Prognostic and Predictive Value. <i>Clinical Cancer Research</i> , 2018, 24, 407-419.	3.2	203
172	Immunotherapy and Lung Cancer. , 2018, , 501-511.e3.		2

#	ARTICLE	IF	CITATIONS
173	Implications of the tumor immune microenvironment for staging and therapeutics. <i>Modern Pathology</i> , 2018, 31, 214-234.	2.9	278
174	Immunotherapy in metastatic urothelial carcinoma: focus on immune checkpoint inhibition. <i>Nature Reviews Urology</i> , 2018, 15, 112-124.	1.9	73
175	PD-L1. <i>Journal of Clinical Pathology</i> , 2018, 71, 189-194.	1.0	218
176	The Significance of the PD-L1 Expression in Non-“Small-Cell Lung Cancer: Trenchant Double Swords as Predictive and Prognostic Markers. <i>Clinical Lung Cancer</i> , 2018, 19, 120-129.	1.1	61
177	Pretreatment advanced lung cancer inflammation index (<sc>ALI</sc>) for predicting early progression in nivolumab-“treated patients with advanced non-“small cell lung cancer. <i>Cancer Medicine</i> , 2018, 7, 13-20.	1.3	78
178	Advanced Melanoma: Current Treatment Options, Biomarkers, and Future Perspectives. <i>American Journal of Clinical Dermatology</i> , 2018, 19, 303-317.	3.3	78
179	Progress and challenges of predictive biomarkers of anti PD-1/PD-L1 immunotherapy: A systematic review. <i>Cancer Letters</i> , 2018, 414, 166-173.	3.2	207
180	Perspectives on the integration of Immuno-Oncology Biomarkers and drugs in a Health Care setting. <i>Seminars in Cancer Biology</i> , 2018, 52, 166-177.	4.3	11
181	PD-L1 Testing in Guiding Patient Selection for PD-1/PD-L1 Inhibitor Therapy in Lung Cancer. <i>Molecular Diagnosis and Therapy</i> , 2018, 22, 1-10.	1.6	139
182	Aligning digital CD8⁺ scoring and targeted next-“generation sequencing with programmed death ligand 1 expression: a pragmatic approach in early-“stage squamous cell lung carcinoma. <i>Histopathology</i> , 2018, 72, 270-284.	1.6	17
183	PD-L1 Expression in Carcinosarcomas of the Gynecologic Tract: A Potentially Actionable Biomarker. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018, 26, 393-397.	0.6	12
184	<i><sc>CD</sc>274</i> (<i><sc>PDL</sc>1</i>) and <i><sc>JAK</sc>2</i> genomic amplifications in pulmonary squamous-“cell and adenocarcinoma patients. <i>Histopathology</i> , 2018, 72, 259-269.	1.6	27
185	Tumor-associated macrophage infiltration is highly associated with PD-L1 expression in gastric adenocarcinoma. <i>Gastric Cancer</i> , 2018, 21, 31-40.	2.7	75
186	Tumor Mutation Burden: Leading Immunotherapy to the Era of Precision Medicine?. <i>Journal of Clinical Oncology</i> , 2018, 36, 631-632.	0.8	165
187	Beyond microsatellite testing: assessment of tumor mutational burden identifies subsets of colorectal cancer who may respond to immune checkpoint inhibition. <i>Journal of Gastrointestinal Oncology</i> , 2018, 9, 610-617.	0.6	192
188	Assessment of programmed cell death ligand-1 expression with multiple immunohistochemistry antibody clones in non-small cell lung cancer. <i>Journal of Thoracic Disease</i> , 2018, 10, 816-824.	0.6	9
189	Personalized medicine in immuno-oncology: a novel prognostic index in non-small cell lung cancer. <i>Journal of Thoracic Disease</i> , 2018, 10, S995-S998.	0.6	1
190	Intrathoracic core needle biopsy and repeat biopsy for PD-L1 evaluation in non-small cell lung cancer. <i>Journal of Thoracic Disease</i> , 2018, 10, S4031-S4033.	0.6	3

#	ARTICLE	IF	CITATIONS
191	The clinical utility of tumor mutational burden in non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2018, 7, 639-646.	1.3	98
192	High PD-L1 expression is associated with a favorable prognosis in patients with esophageal squamous cell carcinoma undergoing postoperative adjuvant radiotherapy. <i>Oncology Letters</i> , 2019, 17, 1626-1634.	0.8	14
193	PD-1/PD-L1 expression in thymic epithelial tumors: the predicament persists. <i>Mediastinum</i> , 2018, 2, 60-60.	0.6	0
194	A multicenter round robin test of PD-L1 expression assessment in urothelial bladder cancer by immunohistochemistry and RT-qPCR with emphasis on prognosis prediction after radical cystectomy. <i>Oncotarget</i> , 2018, 9, 15001-15014.	0.8	33
195	Small Biopsies Misclassify up to 35% of PD-L1 Assessments in Advanced Lung Non-Small Cell Lung Carcinomas. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018, 26, 701-708.	0.6	26
196	Real-world PD-L1 testing and distribution of PD-L1 tumor expression by immunohistochemistry assay type among patients with metastatic non-small cell lung cancer in the United States. <i>PLoS ONE</i> , 2018, 13, e0206370.	1.1	58
197	Immunotherapy for non-small cell lung cancers: biomarkers for predicting responses and strategies to overcome resistance. <i>BMC Cancer</i> , 2018, 18, 1082.	1.1	42
198	⁸⁹ Zr-atezolizumab imaging as a non-invasive approach to assess clinical response to PD-L1 blockade in cancer. <i>Nature Medicine</i> , 2018, 24, 1852-1858.	15.2	468
199	Immunotherapy in Non-Small Cell Lung Cancer: Biological Principles and Future Opportunities. <i>Current Molecular Medicine</i> , 2018, 17, 527-540.	0.6	20
200	Whole body PD-1 and PD-L1 positron emission tomography in patients with non-small-cell lung cancer. <i>Nature Communications</i> , 2018, 9, 4664.	5.8	331
201	Linear Endobronchial Ultrasound: What's New?. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2018, 39, 649-660.	0.8	5
202	Association of B7-H4, PD-L1, and tumor infiltrating lymphocytes with outcomes in breast cancer. <i>Npj Breast Cancer</i> , 2018, 4, 40.	2.3	36
203	The prognostic significance of circulating tumor cells in head and neck and non-small cell lung cancer. <i>Cancer Medicine</i> , 2018, 7, 5910-5919.	1.3	91
204	Gene code CD274/PD-L1: from molecular basis toward cancer immunotherapy. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883591881559.	1.4	38
205	The Clinical and Biomarker Association of Programmed Death Ligand 1 and its Spatial Heterogeneous Expression in Colorectal Cancer. <i>Journal of Cancer</i> , 2018, 9, 4325-4333.	1.2	16
206	Overview of Microsatellite Instability and Immune Checkpoint Inhibitors in Colorectal Cancer. <i>Current Colorectal Cancer Reports</i> , 2018, 14, 167-174.	1.0	0
207	Predictive Biomarkers for Checkpoint Immunotherapy: Current Status and Challenges for Clinical Application. <i>Cancer Immunology Research</i> , 2018, 6, 1122-1128.	1.6	81
208	Diagnostic and Predictive Immunohistochemistry for Non-Small Cell Lung Carcinomas. <i>Advances in Anatomic Pathology</i> , 2018, 25, 374-386.	2.4	15

#	ARTICLE	IF	CITATIONS
209	Molecular imaging to enlighten cancer immunotherapies and underlying involved processes. <i>Cancer Treatment Reviews</i> , 2018, 70, 232-244.	3.4	36
210	Role of noninvasive molecular imaging in determining response. <i>Advances in Radiation Oncology</i> , 2018, 3, 534-547.	0.6	25
211	Predictive biomarkers for tumor immune checkpoint blockade. <i>Cancer Management and Research</i> , 2018, Volume 10, 4501-4507.	0.9	18
212	Immune Marker Profiling and Programmed Death Ligand 1 Expression Across NSCLC Mutations. <i>Journal of Thoracic Oncology</i> , 2018, 13, 1884-1896.	0.5	78
214	New strategies in immunotherapy for lung cancer: beyond PD-1/PD-L1. <i>Therapeutic Advances in Respiratory Disease</i> , 2018, 12, 175346661879413.	1.0	35
215	The prognostic role of PD-L1 expression for survival in head and neck squamous cell carcinoma: A systematic review and meta-analysis. <i>Oral Oncology</i> , 2018, 86, 81-90.	0.8	95
216	Androgen receptor expression inversely correlates with immune cell infiltration in human epidermal growth factor receptor 2â€“positive breast cancer. <i>European Journal of Cancer</i> , 2018, 103, 52-60.	1.3	16
217	Importance of choice of materials and methods in <sc>PD</sc>â€“1 and <sc>TIL</sc> assessment in oropharyngeal squamous cell carcinoma. <i>Histopathology</i> , 2018, 73, 500-509.	1.6	37
218	The Immune Landscape of Nonâ€“Small-Cell Lung Cancer. Utility of Cytologic and Histologic Samples Obtained through Minimally Invasive Pulmonary Procedures. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 24-38.	2.5	14
219	Genetic, transcriptional and post-translational regulation of the programmed death protein ligand 1 in cancer: biology and clinical correlations. <i>Oncogene</i> , 2018, 37, 4639-4661.	2.6	219
220	Heterogeneity of PD-L1 Expression and Relationship with Biology of NSCLC. <i>Anticancer Research</i> , 2018, 38, 3789-3796.	0.5	64
221	Nivolumab in advanced non-small-cell lung cancer patients who failed prior platinum-based chemotherapy. <i>Lung Cancer</i> , 2018, 122, 234-242.	0.9	22
222	The Progress of T Cell Immunity Related to Prognosis in Gastric Cancer. <i>BioMed Research International</i> , 2018, 2018, 1-6.	0.9	32
223	Concordance levels of PD-L1 expression by immunohistochemistry, mRNA in situ hybridization, and outcome in lung carcinomas. <i>Human Pathology</i> , 2018, 82, 282-288.	1.1	5
224	Concern over cost of and access to cancer treatments: A meta-narrative review of nivolumab and pembrolizumab studies. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 129, 133-145.	2.0	25
225	Biomarkers for Immune Checkpoint Inhibitors in Melanoma. <i>Frontiers in Oncology</i> , 2018, 8, 270.	1.3	47
226	Programmed cell death ligandâ€“1 protein expression and <i><sc>CD</sc>274</sc><sc>PD</sc>â€“1</i> gene amplification in colorectal cancer: Implications for prognosis. <i>Cancer Science</i> , 2018, 109, 2957-2969.	1.7	30
227	Overview on Clinical Relevance of Intra-Tumor Heterogeneity. <i>Frontiers in Medicine</i> , 2018, 5, 85.	1.2	182

#	ARTICLE	IF	CITATIONS
228	Isolation and molecular analysis of circulating tumor cells from lung cancer patients using a microfluidic chip type cell sorter. <i>Cancer Science</i> , 2018, 109, 2539-2548.	1.7	35
229	Patient selection for anti-PD-1/PD-L1 therapy in advanced non-small-cell lung cancer: implications for clinical practice. <i>Future Oncology</i> , 2018, 14, 2415-2431.	1.1	24
230	Immune checkpoint blockade as a potential therapeutic strategy for undifferentiated malignancies. <i>Human Pathology</i> , 2018, 82, 39-45.	1.1	2
231	Anti-PD-1 therapy redirects macrophages from an M2 to an M1 phenotype inducing regression of OS lung metastases. <i>Cancer Medicine</i> , 2018, 7, 2654-2664.	1.3	126
232	Modelling the immunosuppressive effect of liver SBRT by simulating the dose to circulating lymphocytes: an in-silico planning study. <i>Radiation Oncology</i> , 2018, 13, 10.	1.2	29
233	Association between PD1 mRNA and response to anti-PD1 monotherapy across multiple cancer types. <i>Annals of Oncology</i> , 2018, 29, 2121-2128.	0.6	74
234	Can radiomics personalise immunotherapy?. <i>Lancet Oncology</i> , The, 2018, 19, 1138-1139.	5.1	25
235	Developing a Case-Based Blended Learning Ecosystem to Optimize Precision Medicine: Reducing Overdiagnosis and Overtreatment. <i>Healthcare (Switzerland)</i> , 2018, 6, 78.	1.0	3
236	Neutrophil-to-lymphocyte ratio after four weeks of nivolumab administration as a predictive marker in patients with pretreated non-small-cell lung cancer. <i>Thoracic Cancer</i> , 2018, 9, 1291-1299.	0.8	47
237	Prognostic Value of Testing PD-L1 Expression After Radical Cystectomy in High-risk Patients. <i>Clinical Genitourinary Cancer</i> , 2018, 16, e1015-e1024.	0.9	12
238	Transcriptional analysis of immune genes in Epstein-Barr virus-associated gastric cancer and association with clinical outcomes. <i>Gastric Cancer</i> , 2018, 21, 1064-1070.	2.7	25
239	Development of a PD-L1-Expressing Orthotopic Liver Cancer Model: Implications for Immunotherapy for Hepatocellular Carcinoma. <i>Liver Cancer</i> , 2019, 8, 155-171.	4.2	25
240	Immune tumor board: integral part in the multidisciplinary management of cancer patients treated with cancer immunotherapy. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 474, 485-495.	1.4	3
241	To do or not to do: A concise update of current clinical controversies in immune checkpoint blockade. <i>Journal of Oncology Pharmacy Practice</i> , 2019, 25, 663-673.	0.5	8
242	Activity of Nivolumab and Utility of Neutrophil-to-Lymphocyte Ratio as a Predictive Biomarker for Advanced Non-Small-Cell Lung Cancer: A Prospective Observational Study. <i>Clinical Lung Cancer</i> , 2019, 20, 208-214.e2.	1.1	76
243	Clinical outcomes in non-small cell lung cancer patients with an ultra-high expression of programmed death ligand-1 treated using pembrolizumab as a first-line therapy: A retrospective multicenter cohort study in Japan. <i>PLoS ONE</i> , 2019, 14, e0220570.	1.1	20
244	Change in neutrophil to lymphocyte ratio during immunotherapy treatment is a non-linear predictor of patient outcomes in advanced cancers. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 2541-2546.	1.2	93
245	Non-small-cell lung cancer: what are the benefits and challenges of treating it with immune checkpoint inhibitors?. <i>Immunotherapy</i> , 2019, 11, 1149-1160.	1.0	9

#	ARTICLE	IF	CITATIONS
246	Molecular testing for advanced non-small cell lung cancer in Malaysia: Consensus statement from the College of Pathologists, Academy of Medicine Malaysia, the Malaysian Thoracic Society, and the Malaysian Oncological Society. <i>Lung Cancer</i> , 2019, 136, 65-73.	0.9	8
247	Nonâ€“Small Cell Lung Cancer: Epidemiology, Screening, Diagnosis, and Treatment. <i>Mayo Clinic Proceedings</i> , 2019, 94, 1623-1640.	1.4	1,153
248	<p>Immune checkpoint inhibitors for small cell lung cancer: opportunities and challenges</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 4605-4620.	1.0	22
249	Clinicopathological and prognostic significance of programmed death ligand 1 expression in Korean melanoma patients. <i>Journal of Cancer</i> , 2019, 10, 3070-3078.	1.2	10
250	Programmed deathâ€“ligand 1 expression on direct Papâ€“stained cytology smears from nonâ€“small cell lung cancer: Comparison with cell blocks and surgical resection specimens. <i>Cancer Cytopathology</i> , 2019, 127, 470-480.	1.4	31
251	Adjuvant Chemotherapy Increases Programmed Death-Ligand 1 (PD-L1) Expression in Nonâ€“small Cell Lung Cancer Recurrence. <i>Clinical Lung Cancer</i> , 2019, 20, 391-396.	1.1	36
252	Programmed death ligandâ€“1/programmed deathâ€“1 inhibition therapy and programmed death ligandâ€“1 expression in urothelial bladder carcinoma. <i>Chronic Diseases and Translational Medicine</i> , 2019, 5, 170-177.	0.9	3
253	Tumor-draining lymph nodes demonstrate a suppressive immunophenotype in patients with non-small cell lung cancer assessed by endobronchial ultrasound-guided transbronchial needle aspiration: A pilot study. <i>Lung Cancer</i> , 2019, 137, 94-99.	0.9	10
254	The landscape of immune microenvironment in lung adenocarcinoma and squamous cell carcinoma based on PDâ€“L1 expression and tumorâ€“infiltrating lymphocytes. <i>Cancer Medicine</i> , 2019, 8, 7207-7218.	1.3	35
255	Clinical pharmacology of monoclonal antibodies targeting anti-PD-1 axis in urothelial cancers. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 144, 102812.	2.0	7
256	PD-L1 Expression and Clinical Outcomes to Cabozantinib, Everolimus, and Sunitinib in Patients with Metastatic Renal Cell Carcinoma: Analysis of the Randomized Clinical Trials METEOR and CABOSUN. <i>Clinical Cancer Research</i> , 2019, 25, 6080-6088.	3.2	50
257	The efficacy of immune checkpoint inhibitors in anaplastic lymphoma kinaseâ€“positive nonâ€“small cell lung cancer. <i>Thoracic Cancer</i> , 2019, 10, 2117-2123.	0.8	9
258	Impact of Tumor and Immunological Heterogeneity on the Anti-Cancer Immune Response. <i>Cancers</i> , 2019, 11, 1217.	1.7	36
259	Pretreatment prognostic nutritional index as a novel biomarker in non-small cell lung cancer patients treated with immune checkpoint inhibitors. <i>Lung Cancer</i> , 2019, 136, 45-51.	0.9	84
260	In-house Implementation of Tumor Mutational Burden Testing to Predict Durable Clinical Benefit in Non-small Cell Lung Cancer and Melanoma Patients. <i>Cancers</i> , 2019, 11, 1271.	1.7	27
261	The Reproducibility of the Immunohistochemical PD-L1 Testing in Non-Small-Cell Lung Cancer: A Multicentric Italian Experience. <i>BioMed Research International</i> , 2019, 2019, 1-7.	0.9	20
262	Association with PD-L1 Expression and Clinicopathological Features in 1000 Lung Cancers: A Large Single-Institution Study of Surgically Resected Lung Cancers with a High Prevalence of EGFR Mutation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4794.	1.8	29
263	Measuring tumor mutation burden in cell-free DNA: advantages and limits. <i>Translational Lung Cancer Research</i> , 2019, 8, 553-555.	1.3	4

#	ARTICLE	IF	CITATIONS
264	<p>Comparative study of the PD-L1 expression and CD8+ tumor-infiltrating lymphocyte between surgically resected and matched re-biopsy specimens in recurrent non-small cell lung cancer</p>. Therapeutics and Clinical Risk Management, 2019, Volume 15, 605-612.	0.9	2
265	Cell blocks are suitable material for programmed cell death ligand-1 immunohistochemistry: Comparison of cell blocks and matched surgical resection specimens in lung cancer. Cytopathology, 2019, 30, 578-585.	0.4	15
266	Homologous recombination and DNA repair mutations in patients treated with carboplatin and nab-paclitaxel for metastatic non-small cell lung cancer. Lung Cancer, 2019, 134, 167-173.	0.9	9
267	Assessing the interactions between radiotherapy and antitumour immunity. Nature Reviews Clinical Oncology, 2019, 16, 729-745.	12.5	183
268	Computer-assisted image analysis of the tumor microenvironment on an oral tongue squamous cell carcinoma tissue microarray. Clinical and Translational Radiation Oncology, 2019, 17, 32-39.	0.9	14
269	Clinical implications of heterogeneity in PD-L1 immunohistochemical detection in hepatocellular carcinoma: the Blueprint-HCC study. British Journal of Cancer, 2019, 120, 1033-1036.	2.9	66
270	PD-L1 Expression of Lung Cancer Cells, Unlike Infiltrating Immune Cells, Is Stable and Unaffected by Therapy During Brain Metastasis. Clinical Lung Cancer, 2019, 20, 363-369.e2.	1.1	28
271	Atezolizumab and Bevacizumab Attenuate Cisplatin Resistant Ovarian Cancer Cells Progression Synergistically via Suppressing Epithelial-Mesenchymal Transition. Frontiers in Immunology, 2019, 10, 867.	2.2	36
272	PD-L1 expression and clinical outcomes in patients with advanced urothelial carcinoma treated with checkpoint inhibitors: A meta-analysis. Cancer Treatment Reviews, 2019, 76, 51-56.	3.4	36
273	Beyond PD-L1 Markers for Lung Cancer Immunotherapy. International Journal of Molecular Sciences, 2019, 20, 1915.	1.8	61
274	Comprehensive genomic and immunological characterization of Chinese non-small cell lung cancer patients. Nature Communications, 2019, 10, 1772.	5.8	149
275	Programmed cell death ligand 1 expression in cytologic and surgical non-small cell lung carcinoma specimens from a single institution: Association with clinicopathologic features and molecular alterations. Cancer Cytopathology, 2019, 127, 447-457.	1.4	12
276	Expression and clinical significance of PD-L1, B7-H3, B7-H4 and TILs in human small cell lung Cancer (SCLC). , 2019, 7, 65.		108
277	The immune microenvironment in non-small cell lung cancer is predictive of prognosis after surgery. Molecular Oncology, 2019, 13, 1166-1179.	2.1	57
278	Quantitative immunohistochemical assay with novel digital immunostaining for comparisons of PD-L1 antibodies. Molecular and Clinical Oncology, 2019, 10, 391-396.	0.4	3
279	Intratumor heterogeneity of PD-L1 expression in head and neck squamous cell carcinoma. British Journal of Cancer, 2019, 120, 1003-1006.	2.9	109
280	Programmed Cell Death Ligand 1 Immunohistochemistry: A Concordance Study Between Surgical Specimen, Biopsy, and Tissue Microarray. Clinical Lung Cancer, 2019, 20, 258-262.e1.	1.1	23
281	Early Phase I Study of a ^{99m} Tc-Labeled Anti-Programmed Death Ligand-1 (PD-L1) Single-Domain Antibody in SPECT/CT Assessment of PD-L1 Expression in Non-Small Cell Lung Cancer. Journal of Nuclear Medicine, 2019, 60, 1213-1220.	2.8	111

#	ARTICLE	IF	CITATIONS
282	Immunotherapy with checkpoint inhibitors in non-small cell lung cancer: insights from long-term survivors. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 341-352.	2.0	82
283	Programmed death ligand 1 immunohistochemistry in non-small cell lung carcinoma. <i>Journal of Thoracic Disease</i> , 2019, 11, S89-S101.	0.6	52
284	The challenges of evaluating predictive biomarkers using small biopsy tissue samples and liquid biopsies from non-small cell lung cancer patients. <i>Journal of Thoracic Disease</i> , 2019, 11, S57-S64.	0.6	40
285	Targeted next-generation sequencing to assess tumor mutation burden: ready for prime-time in non-small cell lung cancer?. <i>Translational Lung Cancer Research</i> , 2019, 8, S323-S326.	1.3	6
286	Driving innovation for rare skin cancers: utilizing common tumours and machine learning to predict immune checkpoint inhibitor response. <i>Immuno-Oncology Technology</i> , 2019, 4, 1-7.	0.2	2
287	Imaging-based Biomarkers for Predicting and Evaluating Cancer Immunotherapy Response. <i>Radiology Imaging Cancer</i> , 2019, 1, e190031.	0.7	22
288	<p>Primary Pulmonary Lymphoepithelioma-Like Carcinoma Response Favorably To Nivolumab: A Case Report</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 8595-8600.	1.0	23
289	Fit-For-Purpose PD-L1 Biomarker Testing For Patient Selection in Immuno-Oncology: Guidelines For Clinical Laboratories From the Canadian Association of Pathologists-Association Canadienne Des Pathologistes (CAP-ACP). <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2019, 27, 699-714.	0.6	36
290	Identifying successful biomarkers for patients with non-small-cell lung cancer. <i>Lung Cancer Management</i> , 2019, 8, LMT17.	1.5	7
291	The Current Status of Immunotherapy in Thoracic Malignancies. , 2019, , 45-75.		0
292	Assessment of Programmed Deathâ€“Ligand 1 (PD-L1) Immunohistochemical Expression on Cytology Specimens in Nonâ€“Small Cell Lung Carcinoma. <i>American Journal of Clinical Pathology</i> , 2019, 151, 403-415.	0.4	29
293	Undo the brake of tumour immune tolerance with antibodies, peptide mimetics and small molecule compounds targeting PDâ€“1/PDâ€“L1 checkpoint at different locations for acceleration of cytotoxic immunity to cancer cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019, 46, 105-115.	0.9	16
294	Prognostic Value of Red Blood Cell Distribution Width in Non-small Cell Lung Cancer Treated With Anti-programmed Cell Death-1 Antibody. <i>In Vivo</i> , 2019, 33, 213-220.	0.6	15
295	Development of tumor mutation burden as an immunotherapy biomarker: utility for the oncology clinic. <i>Annals of Oncology</i> , 2019, 30, 44-56.	0.6	1,742
296	<scp>PD</scp>â€“1 and <scp>IDO</scp> expression in cervical and vulvar invasive and intraepithelial squamous neoplasias: implications for combination immunotherapy. <i>Histopathology</i> , 2019, 74, 256-268.	1.6	42
297	B cells in esophago-gastric adenocarcinoma are highly differentiated, organize in tertiary lymphoid structures and produce tumor-specific antibodies. <i>Oncolmmunology</i> , 2019, 8, e1512458.	2.1	42
298	The Association Between Imaging Features of TSCT and the Expression of PD-L1 in Patients With Surgical Resection of Lung Adenocarcinoma. <i>Clinical Lung Cancer</i> , 2019, 20, e195-e207.	1.1	11
299	Assessment of TILs, IDO-1, and PD-L1 in resected non-small cell lung cancer: an immunohistochemical study with clinicopathological and prognostic implications. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 474, 159-168.	1.4	27

#	ARTICLE	IF	CITATIONS
300	Expression of immune-regulatory molecules in circulating tumor cells derived from patients with head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2019, 89, 34-39.	0.8	33
301	Anti-PD-1 Antibody SHR-1210 Combined with Apatinib for Advanced Hepatocellular Carcinoma, Gastric, or Esophagogastric Junction Cancer: An Open-label, Dose Escalation and Expansion Study. <i>Clinical Cancer Research</i> , 2019, 25, 515-523.	3.2	354
302	Differential expression of PD-L1 and IDO1 in association with the immune microenvironment in resected lung adenocarcinomas. <i>Modern Pathology</i> , 2019, 32, 511-523.	2.9	33
303	Tumor cell heterogeneity and resistance; report from the 2018 Coffeyâ€Holden Prostate Cancer Academy Meeting. <i>Prostate</i> , 2019, 79, 244-258.	1.2	13
304	Serum concentrations of HGF are correlated with response to anti-PD-1 antibody therapy in patients with metastatic melanoma. <i>Journal of Dermatological Science</i> , 2019, 93, 33-40.	1.0	15
305	How to Validate Predictive Immunohistochemistry Testing in Pathology? A Practical Approach Exploiting the Heterogeneity of Programmed Death Ligand-1 Present in Nonâ€Small Cell Lung Cancer. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 11-12.	1.2	16
306	Digital and Computational Pathology for Biomarker Discovery. , 2019, , 87-105.		3
307	The value of immunotherapy in head and neck cancer. <i>Expert Opinion on Biological Therapy</i> , 2019, 19, 35-43.	1.4	14
308	Association of Tumor Mutational Burden With DNA Repair Mutations and Response to Antiâ€PD-1/PD-L1 Therapy in Nonâ€Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2019, 20, 88-96.e6.	1.1	90
309	Characterization of PD-L1 Immunohistochemical Expression in Cell Blocks With Different Specimen Fixation and Processing Methods. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2019, 27, 107-113.	0.6	31
310	The Multiple Faces of Programmed Cell Death Ligand 1 Expression in Malignant and Nonmalignant Cells. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2019, 27, 287-294.	0.6	17
311	The Clinicopathological and Molecular Associations of PD-L1 Expression in Non-small Cell Lung Cancer: Analysis of a Series of 10,005 Cases Tested with the 22C3 Assay. <i>Pathology and Oncology Research</i> , 2020, 26, 79-89.	0.9	59
312	V-domain Ig-containing suppressor of T-cell activation (VISTA), a potentially targetable immune checkpoint molecule, is highly expressed in epithelioid malignant pleural mesothelioma. <i>Modern Pathology</i> , 2020, 33, 303-311.	2.9	65
313	High Stromal TGFBI in Lung Cancer and Intratumoral CD8-Positive T Cells were Associated with Poor Prognosis and Therapeutic Resistance to Immune Checkpoint Inhibitors. <i>Annals of Surgical Oncology</i> , 2020, 27, 933-942.	0.7	35
314	Mapping the binding sites of antibodies utilized in programmed cell death ligand-1 predictive immunohistochemical assays for use with immuno-oncology therapies. <i>Modern Pathology</i> , 2020, 33, 518-530.	2.9	61
315	Immune Cell PD-L1 Colocalizes with Macrophages and Is Associated with Outcome in PD-1 Pathway Blockade Therapy. <i>Clinical Cancer Research</i> , 2020, 26, 970-977.	3.2	200
316	Comparison of PD-L1 expression between paired cytologic and histologic specimens from non-small cell lung cancer patients. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 476, 261-271.	1.4	15
317	Intratumoral heterogeneity in programmed deathâ€ligand 1 immunoreactivity is associated with variation in nonâ€small cell lung carcinoma histotype. <i>Histopathology</i> , 2020, 76, 394-403.	1.6	17

#	ARTICLE	IF	CITATIONS
318	Immunologic and immunogenomic aspects of tumor progression. <i>Seminars in Cancer Biology</i> , 2020, 60, 249-261.	4.3	35
319	Reliability of a single-region sample to evaluate tumor immune microenvironment in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2020, 72, 489-497.	1.8	38
320	Programmed death ligand 1 expression in EBUS aspirates of non-small cell lung cancer: Is interpretation affected by type of fixation?. <i>Cancer Cytopathology</i> , 2020, 128, 100-106.	1.4	20
321	PD-L1 Testing for Lung Cancer in 2019: Perspective From the IASLC Pathology Committee. <i>Journal of Thoracic Oncology</i> , 2020, 15, 499-519.	0.5	203
322	Heterogeneity of PD-L1 Expression in Lung Mixed Adenocarcinomas and Adenosquamous Carcinomas. <i>American Journal of Surgical Pathology</i> , 2020, 44, 378-386.	2.1	23
323	The evolving role of PD-L1 testing in patients with metastatic urothelial carcinoma. <i>Cancer Treatment Reviews</i> , 2020, 82, 101925.	3.4	73
324	Programmed death-ligand 1 expression influenced by tissue sample size. Scoring based on tissue microarrays TM and cross-validation with resections, in patients with, stage I-III, non-small cell lung carcinoma of the European Thoracic Oncology Platform Lungscape cohort. <i>Modern Pathology</i> , 2020, 33, 792-801.	2.9	28
325	Molecular imaging biomarkers for immune checkpoint inhibitor therapy. <i>Theranostics</i> , 2020, 10, 1708-1718.	4.6	68
326	PD-L1 Immunohistochemistry-Discrepant Results Between Synchronous Tumor Samples May Cause More Treatment Choice Dilemmas Than Molecular Heterogeneity in Patients With Advanced Non-Small Cell Lung Cancers. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, 437-443.	0.6	1
327	The evolving use of pembrolizumab in combination treatment approaches for non-small cell lung cancer. <i>Expert Review of Respiratory Medicine</i> , 2020, 14, 137-147.	1.0	6
328	PD-L1 Expression in Endometrial Carcinoma Cells and Intratumoral Immune Cells. <i>American Journal of Surgical Pathology</i> , 2020, 44, 174-181.	2.1	52
329	Validation of the QR1 Antibody for the Evaluation of PD-L1 Expression in Non-Small Cell Lung Adenocarcinomas. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, 23-29.	0.6	6
330	Comparability of PD-L1 immunohistochemistry assays for non-small cell lung cancer: a systematic review. <i>Histopathology</i> , 2020, 76, 793-802.	1.6	34
331	Biomarkers that may predict response to immunotherapy in ovarian malignancies. <i>Current Opinion in Obstetrics and Gynecology</i> , 2020, 32, 84-90.	0.9	8
332	Multicentre study on the consistency of PD-L1 immunohistochemistry as predictive test for immunotherapy in non-small cell lung cancer. <i>Journal of Clinical Pathology</i> , 2020, 73, 423-430.	1.0	14
333	Adaptive Immune Resistance to Intravesical BCG in Non-Muscle Invasive Bladder Cancer: Implications for Prospective BCG-Unresponsive Trials. <i>Clinical Cancer Research</i> , 2020, 26, 882-891.	3.2	98
334	Comparative analysis of programmed cell death ligand 1 assays in renal cell carcinoma. <i>Histopathology</i> , 2020, 77, 67-78.	1.6	4
335	Prognostic significance of pre- and post-treatment PD-L1 expression in patients with primary high-grade non-muscle-invasive bladder cancer treated with BCG immunotherapy. <i>World Journal of Urology</i> , 2020, 38, 2537-2545.	1.2	16

#	ARTICLE	IF	CITATIONS
336	Benign lymph node microenvironment is associated with response to immunotherapy. <i>Precision Clinical Medicine</i> , 2020, 3, 44-53.	1.3	10
337	Biomarkers for immune checkpoint therapy targeting programmed death 1 and programmed death ligand 1. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110621.	2.5	8
338	High concordance of programmed death-ligand 1 expression with immunohistochemistry detection between antibody clones 22C3 and E1L3N in non-small cell lung cancer biopsy samples. <i>Translational Cancer Research</i> , 2020, 9, 5819-5828.	0.4	6
339	<p>A Novel ROS1-FBXL17 Fusion Co-Existing with CD74-ROS1 Fusion May Improve Sensitivity to Crizotinib and Prolong Progression-Free Survival of Patients with Lung Adenocarcinoma</p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 11499-11504.	1.0	6
340	Programmed Cell Death Ligand 1 Expression in Resected Nonâ€“Small Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2020, 22, e555-e562.	1.1	1
341	Immune checkpoints and their inhibitors: Reappraisal of a novel diagnostic and therapeutic dimension in the urologic malignancies. <i>Seminars in Oncology</i> , 2020, 47, 367-379.	0.8	6
342	The Role of Intratumor Heterogeneity in the Response of Metastatic Non-Small Cell Lung Cancer to Immune Checkpoint Inhibitors. <i>Frontiers in Oncology</i> , 2020, 10, 569202.	1.3	22
343	Antifade Carbon Dots on a Plasmonic Substrate for Enhanced Protein Detection in Immunotherapy. <i>ACS Sensors</i> , 2020, 5, 4027-4034.	4.0	7
344	CEA and CYFRA 21-1 as prognostic biomarker and as a tool for treatment monitoring in advanced NSCLC treated with immune checkpoint inhibitors. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592095299.	1.4	23
345	Response of Pembrolizumab Alone for Non-small Cell Lung Cancer With Brain Metastasis: A Case Report and Literature Review. <i>Frontiers in Oncology</i> , 2020, 10, 577159.	1.3	1
346	Reply to: Problems With the Recommendations for PD-L1 Biomarker Testing. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, e65-e67.	0.6	0
347	Emerging drugs for small cell lung cancer: a focused review on immune checkpoint inhibitors. <i>Expert Opinion on Emerging Drugs</i> , 2020, 25, 353-366.	1.0	5
348	Correlation between PD-L1 expression (clones 28-8 and SP263) and histopathology in lung adenocarcinoma. <i>Heliyon</i> , 2020, 6, e04117.	1.4	5
349	Expression of Immune Response Markers in Arab Patients With Lung Cancer. <i>JCO Global Oncology</i> , 2020, 6, 1218-1224.	0.8	4
350	Non-small cell lung carcinomas with a minor sarcomatoid component and pleomorphic carcinomas are associated with high expression of programmed death ligand 1. <i>Pathology Research and Practice</i> , 2020, 216, 153238.	1.0	2
351	Validity of whole genomes sequencing results in neoplasms in precision medicine. <i>Journal of Clinical Pathology</i> , 2020, 74, jclinpath-2020-206998.	1.0	5
352	Promising predictors of checkpoint inhibitor response in NSCLC. <i>Expert Review of Anticancer Therapy</i> , 2020, 20, 931-937.	1.1	15
353	An update on the immune landscape in lung and head and neck cancers. <i>Ca-A Cancer Journal for Clinicians</i> , 2020, 70, 505-517.	157.7	93

#	ARTICLE	IF	CITATIONS
354	Tumor immune profiles noninvasively estimated by FDG PET with deep learning correlate with immunotherapy response in lung adenocarcinoma. <i>Theranostics</i> , 2020, 10, 10838-10848.	4.6	39
355	<p><p>PD-L1 in Lung Adenocarcinoma: Insights into the Role of <sup>18</sup>F-FDG PET/CT</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 6385-6395.	0.9	11
356	Hypoxia dynamics on FMISO-PET in combination with PD-1/PD-L1 expression has an impact on the clinical outcome of patients with Head-and-neck Squamous Cell Carcinoma undergoing Chemoradiation. <i>Theranostics</i> , 2020, 10, 9395-9406.	4.6	16
357	Reliability of programmed death ligand 1 (PD-L1) tumor proportion score (TPS) on cytological smears in advanced non-small cell lung cancer: a prospective validation study. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592095480.	1.4	9
358	Immunotherapy in EGFR-Mutant and ALK-Positive Lung Cancer. <i>Cancer Journal (Sudbury, Mass)</i> , 2020, 26, 517-524.	1.0	18
359	Circulating Tumour Cell Expression of Immune Markers as Prognostic and Therapeutic Biomarkers in Head and Neck Squamous Cell Carcinoma: A Systematic Review and Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8229.	1.8	7
360	Liquid Biopsies to Evaluate Immunogenicity of Gynecological/Breast Tumors: On the Way to Blood-Based Biomarkers for Immunotherapies. <i>Breast Care</i> , 2020, 15, 470-480.	0.8	11
361	Tumour PD-L1 Expression in Small-Cell Lung Cancer: A Systematic Review and Meta-Analysis. <i>Cells</i> , 2020, 9, 2393.	1.8	31
362	Immune checkpoint blockade in solid organ tumours: Choice, dose and predictors of response. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 1736-1752.	1.1	10
363	Assessment of associations between clinical and immune microenvironmental factors and tumor mutation burden in resected nonsmall cell lung cancer by applying machine learning to wholeâ€slide images. <i>Cancer Medicine</i> , 2020, 9, 4864-4875.	1.3	14
364	Molecular imaging for cancer immunotherapy. <i>Immuno-Oncology Technology</i> , 2020, 5, 10-21.	0.2	15
365	Principles of Immunotherapy in Non-Small Cell Lung Cancer. <i>Thoracic Surgery Clinics</i> , 2020, 30, 187-198.	0.4	19
366	Paclitaxel/sunitinib-loaded micelles promote an antitumor response <i>in vitro</i> through synergistic immunogenic cell death for triple-negative breast cancer. <i>Nanotechnology</i> , 2020, 31, 365101.	1.3	27
367	Identification of PDL1-Related Biomarkers to Select Lung Adenocarcinoma Patients for PD1/PDL1 Inhibitors. <i>Disease Markers</i> , 2020, 2020, 1-11.	0.6	9
368	Surface-Enhanced Raman Spectroscopy for Cancer Immunotherapy Applications: Opportunities, Challenges, and Current Progress in Nanomaterial Strategies. <i>Nanomaterials</i> , 2020, 10, 1145.	1.9	21
369	Increased expression of PD-1 and PD-L1 in oral lesions progressing to oral squamous cell carcinoma: a pilot study. <i>Scientific Reports</i> , 2020, 10, 9705.	1.6	57
370	Programmed Death Ligand 1: A Poor Prognostic Marker in Endometrial Carcinoma. <i>Diagnostics</i> , 2020, 10, 394.	1.3	4
371	PD-L1 induction in tumor tissue after hypofractionated thoracic radiotherapy for non-small cell lung cancer. <i>Clinical and Translational Radiation Oncology</i> , 2020, 22, 83-87.	0.9	7

#	ARTICLE	IF	CITATIONS
372	Addressing Recent Failures in Immuno-Oncology Trials to Guide Novel Immunotherapeutic Treatment Strategies. <i>Pharmaceutical Medicine</i> , 2020, 34, 83-91.	1.0	9
373	A detailed smoking history and determination of MYC status predict response to checkpoint inhibitors in advanced non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2020, 9, 55-60.	1.3	18
374	Influence of Estrogen on the NSCLC Microenvironment: A Comprehensive Picture and Clinical Implications. <i>Frontiers in Oncology</i> , 2020, 10, 137.	1.3	53
375	Immune Checkpoint Inhibitors in the Treatment of Renal Cancer: Current State and Future Perspective. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4691.	1.8	40
376	Role of DNA repair defects in predicting immunotherapy response. <i>Biomarker Research</i> , 2020, 8, 23.	2.8	47
377	Tumor Cell-Intrinsic Immunometabolism and Precision Nutrition in Cancer Immunotherapy. <i>Cancers</i> , 2020, 12, 1757.	1.7	17
378	Small but powerful: the promising role of small specimens for biomarker testing. <i>Journal of the American Society of Cytopathology</i> , 2020, 9, 450-460.	0.2	14
379	Development and applications of computer image analysis algorithms for scoring of PD-L1 immunohistochemistry. <i>Immuno-Oncology Technology</i> , 2020, 6, 2-8.	0.2	26
380	The impact of PD-L1 N-linked glycosylation on cancer therapy and clinical diagnosis. <i>Journal of Biomedical Science</i> , 2020, 27, 77.	2.6	89
381	Programmed death ligand 1 protein expression, histological tumour differentiation and intratumoural heterogeneity in pulmonary adenocarcinoma. <i>Pathology</i> , 2020, 52, 538-545.	0.3	7
382	Digital Pathology and PD-L1 Testing in Non Small Cell Lung Cancer: A Workshop Record. <i>Cancers</i> , 2020, 12, 1800.	1.7	12
383	Use of Programmed Death Receptor-1 and/or Programmed Death Ligand 1 Inhibitors for the Treatment of Brain Metastasis of Lung Cancer. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 667-683.	1.0	24
384	Imaging Responses to Immunotherapy with Novel PET Tracers. <i>Journal of Nuclear Medicine</i> , 2020, 61, 641-642.	2.8	7
385	Association between PD-L1 status and immune checkpoint inhibitor response in advanced malignancies: a systematic review and meta-analysis of overall survival data. <i>Japanese Journal of Clinical Oncology</i> , 2020, 50, 800-809.	0.6	12
386	Quantitative image analysis for CD 8 score in lung small biopsies and cytology cell blocks. <i>Cytopathology</i> , 2020, 31, 393-401.	0.4	3
387	High degree of heterogeneity of PD-L1 and PD-1 from primary to metastatic endometrial cancer. <i>Gynecologic Oncology</i> , 2020, 157, 260-267.	0.6	32
388	Predictive biomarkers and mechanisms underlying resistance to PD1/PD-L1 blockade cancer immunotherapy. <i>Molecular Cancer</i> , 2020, 19, 19.	7.9	180
389	Cell Block as a Surrogate for Programmed Death-Ligand 1 Staining Testing in Patients of Non-Small Cell Lung Cancer. <i>Journal of Cancer</i> , 2020, 11, 551-558.	1.2	7

#	ARTICLE	IF	CITATIONS
390	Computational analysis of morphological and molecular features in gastric cancer tissues. <i>Cancer Medicine</i> , 2020, 9, 2223-2234.	1.3	9
393	Advances in theranostic biomarkers for tumor immunotherapy. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 79-90.	2.8	27
394	Cytology cell blocks from malignant pleural effusion are good candidates for PD-L1 detection in advanced NSCLC compared with matched histology samples. <i>BMC Cancer</i> , 2020, 20, 344.	1.1	13
395	Correlation of plasma exosomal microRNAs with the efficacy of immunotherapy in EGFR/ALK-wild-type advanced non-small cell lung cancer. , 2020, 8, e000376.		111
396	Performance of Ventana SP263 PD-L1 assay in endobronchial ultrasound guided fine needle aspiration derived non-small cell lung carcinoma samples. <i>Diagnostic Cytopathology</i> , 2021, 49, 355-362.	0.5	6
397	Programmed death ligand 1 protein expression is positively correlated with the solid predominant subtype, high MIB-1 labeling index, and p53 expression and negatively correlated with epidermal growth factor receptor mutations in lung adenocarcinoma. <i>Human Pathology</i> , 2021, 108, 12-21.	1.1	2
398	Immunotherapy in non-muscle-invasive bladder cancer: current status and future directions. <i>World Journal of Urology</i> , 2021, 39, 1319-1329.	1.2	30
399	In Vivo Evaluation and Dosimetry Estimate for a High Affinity Affibody PET Tracer Targeting PD-L1. <i>Molecular Imaging and Biology</i> , 2021, 23, 241-249.	1.3	23
400	Interobserver agreement in programmed cell death ligand 1 immunohistochemistry scoring in nonsmall cell lung carcinoma cytologic specimens. <i>Diagnostic Cytopathology</i> , 2021, 49, 219-225.	0.5	10
401	Biphasic prognostic significance of PD-L1 expression status in patients with early- and locally advanced-stage non-small cell lung cancer. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1063-1074.	2.0	10
402	⁸⁹ Zr-Labeled Anti-PD-L1 Antibody PET Monitors Gemcitabine Therapy-Induced Modulation of Tumor PD-L1 Expression. <i>Journal of Nuclear Medicine</i> , 2021, 62, 656-664.	2.8	22
403	Predictive biomarkers for response to immune checkpoint inhibitors in lung cancer: PD-L1 and beyond. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 31-44.	1.4	23
404	Front Line Applications and Future Directions of Immunotherapy in Small-Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 506.	1.7	9
405	Neoadjuvant immunotherapy in resectable head and neck cancer: oral cavity carcinoma as a potential research model. <i>Therapeutic Advances in Medical Oncology</i> , 2021, 13, 175883592098406.	1.4	8
406	Old but gold: the role of drug combinations in improving response to immune check-point inhibitors in thoracic malignancies beyond NSCLC. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , .	0.5	0
407	Potentiality of multiple modalities for single-cell analyses to evaluate the tumor microenvironment in clinical specimens. <i>Scientific Reports</i> , 2021, 11, 341.	1.6	17
408	Siglec15 shapes a non-inflamed tumor microenvironment and predicts the molecular subtype in bladder cancer. <i>Theranostics</i> , 2021, 11, 3089-3108.	4.6	207
409	Checkpoint-Inhibitoren. <i>Springer Reference Medizin</i> , 2021, , 1-11.	0.0	0

#	ARTICLE	IF	CITATIONS
410	A CT-Based Radiomics Approach to Predict Nivolumab Response in Advanced Non-Small-Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 544339.	1.3	18
411	Programmed death ligand-1 (PD-L1) as a predictive marker for immunotherapy in solid tumours: a guide to immunohistochemistry implementation and interpretation. <i>Pathology</i> , 2021, 53, 141-156.	0.3	126
412	PD-L1 polymorphisms predict survival outcomes in advanced non-small-cell lung cancer patients treated with PD-1 blockade. <i>European Journal of Cancer</i> , 2021, 144, 317-325.	1.3	13
413	Impact of cancer evolution on immune surveillance and checkpoint inhibitor response. <i>Seminars in Cancer Biology</i> , 2022, 84, 89-102.	4.3	21
414	Concordance of PD-L1 Status Between Image-Guided Percutaneous Biopsies and Matched Surgical Specimen in Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 551367.	1.3	4
415	The importance of histological patterns on PD-L1 staining heterogeneity: Should we use pattern-based approach for selecting tumor samples for PD-L1 testing in lung adenocarcinomas?. <i>Turkish Journal of Medical Sciences</i> , 2021, 51, 204-213.	0.4	3
416	The Potential Regulatory Roles of Circular RNAs in Tumor Immunology and Immunotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 617583.	2.2	20
417	Prognostic value of PD-L1 expression in bronchopulmonary neuroendocrine tumours. <i>Endocrine Connections</i> , 2021, 10, 180-190.	0.8	7
418	Epstein-Barr Virus LMP1 Induces Soluble PD-L1 in Nasopharyngeal Carcinoma. <i>Microorganisms</i> , 2021, 9, 603.	1.6	11
419	Human-interpretable image features derived from densely mapped cancer pathology slides predict diverse molecular phenotypes. <i>Nature Communications</i> , 2021, 12, 1613.	5.8	114
420	Quantitative Image Analysis for Tissue Biomarker Use: A White Paper From the Digital Pathology Association. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, 29, 479-493.	0.6	28
421	A case of multiple synchronously diagnosed brain metastases from alveolar soft part sarcoma without concurrent lung involvement. , 2021, 12, 111.		2
422	The Current Landscape of Immune Checkpoint Blockade in Metastatic Lung Squamous Cell Carcinoma. <i>Molecules</i> , 2021, 26, 1392.	1.7	21
423	The role of Anti-PD-1/PD-L1 monotherapy as first-line treatment of metastatic NSCLC without targetable mutations and PD-L1 TPS 1â€“49%. <i>Precision Cancer Medicine</i> , 0, 4, 9-9.	1.8	1
424	The density of tumor-infiltrating lymphocytes and prognosis in resectable hepatocellular carcinoma: a two-phase study. <i>Aging</i> , 2021, 13, 9665-9678.	1.4	8
425	Distinct prognostic values of programmed death-ligand 1 and programmed cell death protein 1 in lung adenocarcinoma and squamous cell carcinoma patients. <i>Annals of Translational Medicine</i> , 2021, 9, 397-397.	0.7	0
426	Spatial Intratumoral Heterogeneity Expression of PD-L1 Antigen in Head and Neck Squamous Cell Carcinoma. <i>Oncology</i> , 2021, 99, 464-470.	0.9	11
427	Comparative Efficacy and Safety of Immunotherapy Alone and in Combination With Chemotherapy for Advanced Non-small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 611012.	1.3	16

#	ARTICLE	IF	CITATIONS
428	PD-L1 Expression and Outcome in Patients with Metastatic Non-Small Cell Lung Cancer and EGFR Mutations Receiving EGFR-TKI as Frontline Treatment. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 2301-2309.	1.0	6
429	Metabolic Parameters as Biomarkers of Response to Immunotherapy and Prognosis in Non-Small Cell Lung Cancer (NSCLC): A Real World Experience. <i>Cancers</i> , 2021, 13, 1634.	1.7	23
430	EBUS-TBNA Cytological Samples for Comprehensive Molecular Testing in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 2084.	1.7	21
431	Predictive biomarkers for response to immune checkpoint inhibition. <i>Seminars in Cancer Biology</i> , 2022, 79, 4-17.	4.3	70
432	Serum-derived exosomal PD-L1 expression to predict anti-PD-1 response and in patients with non-small cell lung cancer. <i>Scientific Reports</i> , 2021, 11, 7830.	1.6	50
433	Clinicopathological significance of the expression of PD-L1 in non-small cell lung cancer. <i>Annals of Diagnostic Pathology</i> , 2021, 51, 151701.	0.6	4
434	Inpatient Tumor Heterogeneity in IHC Interpretation Using PD-L1 IHC 22C3 pharmDx. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, 29, 667-673.	0.6	11
435	Myeloid Resistance is not Futile: Biomarkers of Immunotherapy in Bladder Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 4139-4141.	3.2	1
436	Conjunctival melanoma: New insights in tumour genetics and immunology, leading to new therapeutic options. <i>Progress in Retinal and Eye Research</i> , 2022, 86, 100971.	7.3	35
437	Dual-scale categorization based deep learning to evaluate programmed cell death ligand 1 expression in non-small cell lung cancer. <i>Medicine (United States)</i> , 2021, 100, e25994.	0.4	6
438	Response Prediction and Evaluation Using PET in Patients with Solid Tumors Treated with Immunotherapy. <i>Cancers</i> , 2021, 13, 3083.	1.7	9
439	Belantamab mafodotin in combination with novel agents in relapsed/refractory multiple myeloma: DREAMM-5 study design. <i>Future Oncology</i> , 2021, 17, 1987-2003.	1.1	23
440	Precision Medicine in Lung Cancer: Challenges and Opportunities in Diagnostic and Therapeutic Purposes. , 0, , .		0
441	Cancer-specific immune evasion and substantial heterogeneity within cancer types provide evidence for personalized immunotherapy. <i>Npj Precision Oncology</i> , 2021, 5, 52.	2.3	24
442	First-Line Treatment Options for PD-L1-Negative Non-Small Cell Lung Cancer: A Bayesian Network Meta-Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 657545.	1.3	6
443	Biomarkers of therapeutic response with immune checkpoint inhibitors. <i>Annals of Translational Medicine</i> , 2021, 9, 1040-1040.	0.7	3
444	Automated tumor proportion scoring for PD-L1 expression based on multistage ensemble strategy in non-small cell lung cancer. <i>Journal of Translational Medicine</i> , 2021, 19, 249.	1.8	3
445	The Prognostic Value of Programmed Death-ligand 1 (PD-L1) in Patients who Received Neoadjuvant Chemoradiation Therapy Followed by Surgery for Locally Advanced Non-small Cell Lung Cancer. <i>Anticancer Research</i> , 2021, 41, 3193-3204.	0.5	3

#	ARTICLE	IF	CITATIONS
446	Immunotherapy in endometrial cancer: rationale, practice and perspectives. Biomarker Research, 2021, 9, 49.	2.8	53
447	Study of ⁸⁹ Zr-Pembrolizumab PET/CT in Patients With Advanced-Stage Non-Small Cell Lung Cancer. Journal of Nuclear Medicine, 2022, 63, 362-367.	2.8	44
448	Determining PD-L1 Status in Patients With Triple-Negative Breast Cancer: Lessons Learned From IMpassion130. Journal of the National Cancer Institute, 2022, 114, 664-675.	3.0	31
449	PD-L1 expression in non-small cell lung cancer: heterogeneity by pathologic types, tissue sampling and metastasis. Journal of Thoracic Disease, 2021, 13, 4360-4370.	0.6	3
450	PD-L1 Testing in Cytological Non-Small Cell Lung Cancer Specimens: A Comparison with Biopsies and Review of the Literature. Acta Cytologica, 2021, 65, 501-509.	0.7	9
451	An Elevated Serum Lactate Dehydrogenase-to-albumin Ratio Is a Useful Poor Prognostic Predictor of Nivolumab in Patients With Gastric Cancer. Anticancer Research, 2021, 41, 3925-3931.	0.5	13
452	First-in-Humans Evaluation of a PD-L1-Binding Peptide PET Radiotracer in Non-Small Cell Lung Cancer Patients. Journal of Nuclear Medicine, 2022, 63, 536-542.	2.8	56
453	Predictors of Response, Progression-Free Survival, and Overall Survival in Patients With Lung Cancer Treated With Immune Checkpoint Inhibitors. Journal of Thoracic Oncology, 2021, 16, 1086-1098.	0.5	53
454	Predictive value of ¹⁸ F-fluorothymidine PET in the early response to anti-programmed death-1 therapy in patients with advanced non-small cell lung cancer. , 2021, 9, e003079.		5
455	Quantitative CT texture analysis in predicting PD-L1 expression in locally advanced or metastatic NSCLC patients. Radiologia Medica, 2021, 126, 1425-1433.	4.7	34
456	Molecular Imaging and the PD-L1 Pathway: From Bench to Clinic. Frontiers in Oncology, 2021, 11, 698425.	1.3	14
457	Radiomics Study for Predicting the Expression of PD-L1 and Tumor Mutation Burden in Non-Small Cell Lung Cancer Based on CT Images and Clinicopathological Features. Frontiers in Oncology, 2021, 11, 620246.	1.3	38
458	Multifunctional Nanocarriers-Mediated Synergistic Combination of Immune Checkpoint Inhibitor Cancer Immunotherapy and Interventional Oncology Therapy. Advanced NanoBiomed Research, 2021, 1, 2100010.	1.7	5
459	Expression of immune checkpoint PD-1 in non-small cell lung cancer is associated with tumor cell DNA-dependent protein kinase. Molecular and Clinical Oncology, 2021, 15, 211.	0.4	6
460	Quantitative comparison of PD-L1 IHC assays against NIST standard reference material 1934. Modern Pathology, 2022, 35, 326-332.	2.9	15
461	Comparison of PD-L1 immunohistochemical assays in advanced gastric adenocarcinomas using endoscopic biopsy and paired resected specimens. Pathology, 2021, 53, 586-594.	0.3	10
462	Longitudinal assessment of PD-L1 expression and gene expression profiles in patients with head and neck cancer reveals temporal heterogeneity. Oral Oncology, 2021, 119, 105368.	0.8	15
463	N6-Methyladenosine Writer Gene ZC3H13 Predicts Immune Phenotype and Therapeutic Opportunities in Kidney Renal Clear Cell Carcinoma. Frontiers in Oncology, 2021, 11, 718644.	1.3	15

#	ARTICLE	IF	CITATIONS
464	Current status and future perspectives of immunotherapy against urothelial and kidney cancer. Japanese Journal of Clinical Oncology, 2021, 51, 1481-1492.	0.6	7
465	Heterogenous presence of neutrophil extracellular traps in human solid tumours is partially dependent on <sc>IL</sc>. Journal of Pathology, 2021, 255, 190-201.	2.1	49
466	Immunotherapy for Head and Neck Cancer: A Paradigm Shift From Induction Chemotherapy to Neoadjuvant Immunotherapy. Frontiers in Oncology, 2021, 11, 727433.	1.3	57
467	Comparison of PD-L1, EGFR, ALK, and ROS1 Status Between Surgical Samples and Cytological Samples in Non-Small Cell Lung Carcinoma. , 2021, 38, 287-295.		6
468	PD-L1 Dependent Immunogenic Landscape in Hot Lung Adenocarcinomas Identified by Transcriptome Analysis. Cancers, 2021, 13, 4562.	1.7	2
469	Glial and myeloid heterogeneity in the brain tumour microenvironment. Nature Reviews Cancer, 2021, 21, 786-802.	12.8	83
470	Artificial intelligence-assisted system for precision diagnosis of PD-L1 expression in non-small cell lung cancer. Modern Pathology, 2022, 35, 403-411.	2.9	28
471	PD-L1 Expression in Circulating Tumor Cells as a Promising Prognostic Biomarker in Advanced Non-small-cell Lung Cancer Treated with Immune Checkpoint Inhibitors. Clinical Lung Cancer, 2021, 22, 423-431.	1.1	34
472	Lesion-level heterogeneity of radiologic progression in patients treated with pembrolizumab. Annals of Oncology, 2021, 32, 1618-1625.	0.6	15
473	Pharmacodynamic measures within tumors expose differential activity of PD(L)-1 antibody therapeutics. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	21
474	A Review of Artificial Intelligence in Precise Assessment of Programmed Cell Death-ligand 1 and Tumor-infiltrating Lymphocytes in Non-small Cell Lung Cancer. Advances in Anatomic Pathology, 2021, 28, 439-445.	2.4	7
475	A comparability study of natural and deglycosylated PD-L1 levels in lung cancer: evidence from immunohistochemical analysis. Molecular Cancer, 2021, 20, 11.	7.9	26
476	The progress and confusion of anti-PD1/PD-L1 immunotherapy for patients with advanced non-small cell lung cancer. International Immunopharmacology, 2020, 80, 106247.	1.7	28
477	Recent advances and challenges of immune checkpoint inhibitors in immunotherapy of non-small cell lung cancer. International Immunopharmacology, 2020, 85, 106613.	1.7	24
479	Utility of CT radiomics for prediction of PD-L1 expression in advanced lung adenocarcinomas. Thoracic Cancer, 2020, 11, 993-1004.	0.8	56
480	Peptide-based PET quantifies target engagement of PD-L1 therapeutics. Journal of Clinical Investigation, 2019, 129, 616-630.	3.9	94
481	High sensitivity of PD-L1 analysis from pleural effusion in nonsmall cell lung cancer. ERJ Open Research, 2021, 7, 00787-2020.	1.1	2
483	PD-1/PD-L1 antagonists in gastric cancer: Current studies and perspectives. World Journal of Meta-analysis, 2019, 7, 101-109.	0.1	7

#	ARTICLE	IF	CITATIONS
484	Analysis of the immune landscape of small bowel neuroendocrine tumors. <i>Endocrine-Related Cancer</i> , 2019, 26, 119-130.	1.6	39
485	Prognostic value of <i>PDL1</i> expression in pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 71198-71210.	0.8	81
486	PD-L1/PD-1 expression and tumor-infiltrating lymphocytes in conjunctival melanoma. <i>Oncotarget</i> , 2017, 8, 54722-54734.	0.8	39
487	Immunohistochemical assays incorporating SP142 and 22C3 monoclonal antibodies for detection of PD-L1 expression in NSCLC patients with known status of EGFR and ALK genes. <i>Oncotarget</i> , 2017, 8, 64283-64293.	0.8	9
488	Microsatellite instability is a biomarker for immune checkpoint inhibitors in endometrial cancer. <i>Oncotarget</i> , 2018, 9, 5652-5664.	0.8	105
489	Four immunohistochemical assays to measure the PD-L1 expression in malignant pleural mesothelioma. <i>Oncotarget</i> , 2018, 9, 20769-20780.	0.8	20
490	Resistance to chemoimmunotherapy in non-small-cell lung cancer. , 2020, 3, 445-453.		3
491	Towards tumor immunodiagnostics. <i>Annals of Translational Medicine</i> , 2016, 4, 263-263.	0.7	11
492	Atezolizumab in non-small cell lung cancer: the era of precision immuno-oncology. <i>Annals of Translational Medicine</i> , 2017, 5, 265-265.	0.7	5
493	Emerging uses of circulating tumor DNA in advanced stage non-small cell lung cancer. <i>Annals of Translational Medicine</i> , 2017, 5, 380-380.	0.7	12
494	PD-L1 as a biomarker in NSCLC: challenges and future directions. <i>Annals of Translational Medicine</i> , 2017, 5, 375-375.	0.7	35
495	The role of endobronchial ultrasound transbronchial needle aspiration for programmed death ligand 1 testing and next generation sequencing in advanced non-small cell lung cancer. <i>Annals of Translational Medicine</i> , 2019, 7, 351-351.	0.7	14
496	Immunotherapy for head and neck cancer: where are we now and where are we going?. <i>Annals of Translational Medicine</i> , 2019, 7, S75-S75.	0.7	35
497	Molecular Mechanisms and Targeted Therapies Including Immunotherapy for Non-Small Cell Lung Cancer. <i>Current Cancer Drug Targets</i> , 2019, 19, 595-630.	0.8	61
498	Radiomics to predict response to immunotherapy: an imminent reality?. <i>Future Oncology</i> , 2020, 16, 1673-1676.	1.1	2
499	[¹⁸ F]FDG PET immunotherapy radiomics signature (iRADIOMICS) predicts response of non-small-cell lung cancer patients treated with pembrolizumab. <i>Radiology and Oncology</i> , 2020, 54, 285-294.	0.6	48
500	PD-L1 and PD-L2 Expression in Cervical Cancer: Regulation and Biomarker Potential. <i>Frontiers in Immunology</i> , 2020, 11, 596825.	2.2	53
501	Biomarkers for hepatocellular carcinoma: What's new on the horizon?. <i>World Journal of Gastroenterology</i> , 2018, 24, 3974-3979.	1.4	34

#	ARTICLE	IF	CITATIONS
502	Large cell neuroendocrine carcinoma of the lung that responded to nivolumab: A case report. <i>Molecular and Clinical Oncology</i> , 2020, 13, 43-47.	0.4	12
503	A subset of patients with MSS/MSI-low colorectal cancer showed increased CD8(+) TILs together with upregulated IFN γ . <i>Oncology Letters</i> , 2019, 18, 5977-5985.	0.8	33
504	The daily practice reality of PD-L1 (CD274) evaluation in non-small cell lung cancer: A retrospective study. <i>Oncology Letters</i> , 2020, 19, 3400-3410.	0.8	6
505	Mechanistic insight of predictive biomarkers for antitumor PD-1/PD-L1 blockade: A paradigm shift towards immune evaluation (Review). <i>Oncology Reports</i> , 2020, 44, 424-437.	1.2	18
506	Effect of neoadjuvant chemotherapy (NAC) on programmed cell death ligand (PD-L1) in patients of carcinoma breast: A prospective study in Indian tertiary care setting. <i>Journal of Family Medicine and Primary Care</i> , 2020, 9, 4086.	0.3	2
507	Multi-Field-of-View Deep Learning Model Predicts Non-small Cell Lung Cancer Programmed Death-Ligand 1 Status from Whole-Slide Hematoxylin and Eosin Images. <i>Journal of Pathology Informatics</i> , 2019, 10, 24.	0.8	70
508	Baseline Serum Interleukin-6 Levels Predict the Response of Patients with Advanced Non-small Cell Lung Cancer to PD-1/PD-L1 Inhibitors. <i>Immune Network</i> , 2020, 20, e27.	1.6	36
509	Prolonged Response to Anti-PD-1 Antibody Therapy in Chemotherapy-Refractory Cholangiocarcinoma With High Tumor Mutational Burden. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2019, 17, 644-648.	2.3	14
510	PD-L1 quantification across tumor types using the reverse phase protein microarray: implications for precision medicine. , 2021, 9, e002179.		6
511	Programmed death-ligand 1 expression and tumor-infiltrating lymphocytes in non-small cell lung cancer: association with clinicopathologic parameters. <i>Journal of Pathology and Translational Medicine</i> , 2021, 55, 398-405.	0.4	1
512	Review of the recent clinical trials for PD-1/PD-L1 based lung cancer immunotherapy. <i>Expert Review of Anticancer Therapy</i> , 2021, 21, 1355-1370.	1.1	6
513	Serological assessment of collagen fragments and tumor fibrosis may guide immune checkpoint inhibitor therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 326.	3.5	19
514	Soluble PD-L1 is a predictive and prognostic biomarker in advanced cancer patients who receive immune checkpoint blockade treatment. <i>Scientific Reports</i> , 2021, 11, 19712.	1.6	54
515	Immunotherapeutic Advances for NSCLC. <i>Biologics: Targets and Therapy</i> , 2021, Volume 15, 399-417.	3.0	9
516	Efficacy of Immune Checkpoint Inhibitors in Lung Cancer. <i>Nihon Ika Daigaku Igakkai Zasshi</i> , 2017, 13, 145-149.	0.0	0
517	ImmunoPET/CT imaging for assessing radiation-induced PD-L1 upregulation and its clinical application in head and neck cancer. <i>Japanese Journal of Head and Neck Cancer</i> , 2017, 43, 333-338.	0.0	0
518	Predictive Biomarkers for Squamous Cell Carcinoma. <i>Molecular Pathology Library</i> , 2018, , 173-175.	0.1	0
520	PD-L1 and Immunotherapy in Patients with Non-Small Cell Lung Cancer and Malignant Pleural Effusion. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
521	Clinical features of 10 patients with recurrent and/or metastatic head and neck carcinomas treated by Nivolumab: Journal of Japan Society for Head and Neck Surgery, 2019, 28, 313-318.	0.0	1
522	PD-1 抗体阻害剤によるがん免疫療法の現状と将来. Nihon Kikan Shokudoka Gakkai Kaiho, 2020, 71, 338-340.	0.0	1
523	Clinical and Prognostic Value of Antigen-Presenting Cells with PD-L1/PD-L2 Expression in Ovarian Cancer Patients. International Journal of Molecular Sciences, 2021, 22, 11563.	1.8	16
524	A Novel Model Based on Genomic Instability-Associated Long Non-Coding RNAs for Predicting Prognosis and Response to Immunotherapy in Patients With Lung Adenocarcinoma. Frontiers in Genetics, 2021, 12, 720013.	1.1	6
526	Pharmacogenomics of Antitumor Targeted Agent and Immunotherapy. , 2020, , 55-82.		0
527	Automated Tumor Proportion Scoring for Assessment of PD-L1 Expression Based on Multi-Stage Ensemble Strategy. Lecture Notes in Computer Science, 2020, , 70-79.	1.0	0
529	Molecular Pathology of Lung Cancer. Cold Spring Harbor Perspectives in Medicine, 2022, 12, a037812.	2.9	8
530	Terahertz toroidal metasurface biosensor for sensitive distinction of lung cancer cells. Nanophotonics, 2021, 11, 101-109.	2.9	74
533	Glycosylation of Siglec15 promotes immunoescape and tumor growth. American Journal of Cancer Research, 2021, 11, 2291-2302.	1.4	0
534	A Novel Approach Using FDG-PET/CT-Based Radiomics to Assess Tumor Immune Phenotypes in Patients With Non-Small Cell Lung Cancer. Frontiers in Oncology, 2021, 11, 769272.	1.3	23
535	Theranostics of Hematologic Disorders. , 2022, , 359-432.		0
536	Diversity and heterogeneity of immune states in non-small cell lung cancer and small cell lung cancer. PLoS ONE, 2021, 16, e0260988.	1.1	8
537	Resistance to Immunotherapy: Mechanisms and Means for Overcoming. Advances in Experimental Medicine and Biology, 2021, 1342, 45-80.	0.8	2
538	Biomarkers for predicting the efficacy of immune checkpoint inhibitors. Journal of Cancer, 2022, 13, 481-495.	1.2	12
539	Association between clinicopathological features and prognosis significance of PD-L1 expression in small cell lung cancer patients: a systemic review and meta-analysis. Translational Cancer Research, 2020, 9, 5508-5516.	0.4	2
540	Novel emerging biomarkers to immunotherapy in kidney cancer. Therapeutic Advances in Medical Oncology, 2021, 13, 175883592110593.	1.4	12
541	Immunotherapy using PD-1/PDL-1 inhibitors in triple-negative breast cancer: a systematic review. Oncology Reviews, 2021, 15, 497.	0.8	8
542	A short-term follow-up CT based radiomics approach to predict response to immunotherapy in advanced non-small-cell lung cancer. Oncoimmunology, 2022, 11, 2028962.	2.1	26

#	ARTICLE	IF	CITATIONS
543	Celecoxib-Induced Modulation of Colon Cancer CD133 Expression Occurs through AKT Inhibition and Is Monitored by ⁸⁹ Zr Immuno-PET. <i>Molecular Imaging</i> , 2022, 2022, 4906934.	0.7	6
544	Network models of prostate cancer immune microenvironments identify ROMO1 as heterogeneity and prognostic marker. <i>Scientific Reports</i> , 2022, 12, 192.	1.6	8
545	CD274 (PD-L1) Methylation is an Independent Predictor for Bladder Cancer Patients'™ Survival. <i>Cancer Investigation</i> , 2022, 40, 228-233.	0.6	4
546	Multiscale imaging of therapeutic anti-PD-L1 antibody localization using molecularly defined imaging agents. <i>Journal of Nanobiotechnology</i> , 2022, 20, 64.	4.2	5
547	Massive digital gene expression analysis reveals different predictive profiles for immune checkpoint inhibitor therapy between adenocarcinoma and squamous cell carcinoma of advanced lung cancer. <i>BMC Cancer</i> , 2022, 22, 154.	1.1	1
548	Efficacy of Bivalent <i></i>CEACAM6/4-1BBL<i></i>; Genetic Vaccine Combined with Anti-PD1 Antibody in MC38 Tumor Model of Mice. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
549	Chimeric antigen receptor T-cell therapy: challenges and opportunities in lung cancer. <i>Antibody Therapeutics</i> , 2022, 5, 73-83.	1.2	5
550	Deep Learning for Predicting Major Pathological Response to Neoadjuvant Immunotherapy in Non-Small Cell Lung Cancer: A Retrospective Multicenter Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
551	Biomarkers of response to PD-1 pathway blockade. <i>British Journal of Cancer</i> , 2022, 126, 1663-1675.	2.9	52
552	Gut Microbiota: A Promising Milestone in Enhancing the Efficacy of PD1/PD-L1 Blockade Therapy. <i>Frontiers in Oncology</i> , 2022, 12, 847350.	1.3	6
553	VISTA in Soft Tissue Sarcomas: A Perspective for Immunotherapy?. <i>Cancers</i> , 2022, 14, 1006.	1.7	2
554	Self-Assembly of Podophyllotoxin-Loaded Lipid Bilayer Nanoparticles for Highly Effective Chemotherapy and Immunotherapy via Downregulation of Programmed Cell Death Ligand 1 Production. <i>ACS Nano</i> , 2022, 16, 3943-3954.	7.3	14
555	Review on Immuno-Oncology Agents for Cancer Therapy. <i>Research Journal of Pharmacology and Pharmacodynamics</i> , 2022, , 47-52.	0.1	1
556	Evaluation of PD-L1 expression on circulating tumour cells in small-cell lung cancer. <i>Translational Lung Cancer Research</i> , 2022, 11, 440-451.	1.3	12
557	The effects of immune checkpoint modulators on the clinical course of patients with resectable hepatocellular carcinoma. <i>Journal of Liver Cancer</i> , 2022, 22, 40-50.	0.3	0
558	Discovery of efficacy biomarkers for non-small cell lung cancer with first-line anti-PD-1 immunotherapy by data-independent acquisition mass spectrometry. <i>Clinical and Experimental Immunology</i> , 2022, , .	1.1	1
559	How to overcome tumor resistance to anti-PD-1/PD-L1 therapy by immunotherapy modifying the tumor microenvironment in MSS CRC. <i>Clinical Immunology</i> , 2022, 237, 108962.	1.4	16
560	PD-1 immunohistochemistry: Clones, cutoffs, and controversies. <i>Apms</i> , 2022, 130, 295-313.	0.9	10

#	ARTICLE	IF	CITATIONS
561	Prediction of tumor mutation burden from H&E whole-slide images: a comparison of training strategies with convolutional neural networks. , 2022, , .		0
562	Non-Invasive Measurement Using Deep Learning Algorithm Based on Multi-Source Features Fusion to Predict PD-L1 Expression and Survival in NSCLC. <i>Frontiers in Immunology</i> , 2022, 13, 828560.	2.2	18
563	Clinical tissue biomarker digital image analysis: A review of current applications. <i>Human Pathology Reports</i> , 2022, 28, 300633.	0.1	3
564	Predictive Biomarkers for Checkpoint Inhibitor-Based Immunotherapy in Hepatocellular Carcinoma: Where Do We Stand?. <i>Frontiers in Oncology</i> , 2021, 11, 803133.	1.3	83
565	Clinicopathological implications of lncRNAs, immunotherapy and DNA methylation in lung squamous cell carcinoma: a narrative review. <i>Translational Cancer Research</i> , 2021, 10, 5406-5429.	0.4	4
566	Prognostic value of programmed death ligand 1 (PD-L1) in glioblastoma: a systematic review, meta-analysis and validation based on dataset. <i>Bioengineered</i> , 2021, 12, 10366-10378.	1.4	3
567	Autoimmunity regulation within the tumor microenvironment. , 2022, , 51-71.		0
568	Review on Immuno-Oncology agents for Cancer Therapy. <i>Asian Journal of Pharmaceutical Research</i> , 2022, , 110-115.	0.2	1
569	The "digital biopsy" in non-small cell lung cancer (NSCLC): a pilot study to predict the PD-L1 status from radiomics features of [18F]FDG PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 3401-3411.	3.3	19
570	Which role for predictors of response to immune checkpoint inhibitors in hepatocellular carcinoma?. <i>Expert Review of Gastroenterology and Hepatology</i> , 2022, 16, 333-339.	1.4	65
573	Development of an immunohistochemical assay for Siglec-15. <i>Laboratory Investigation</i> , 2022, 102, 771-778.	1.7	8
576	A Machine Learning Model Based on PET/CT Radiomics and Clinical Characteristics Predicts Tumor Immune Profiles in Non-Small Cell Lung Cancer: A Retrospective Multicohort Study. <i>Frontiers in Immunology</i> , 2022, 13, 859323.	2.2	25
577	Identification of Novel Prognostic Biomarkers Relevant to Immune Infiltration in Lung Adenocarcinoma. <i>Frontiers in Genetics</i> , 2022, 13, 863796.	1.1	0
578	Companion Diagnostics: Lessons Learned and the Path Forward From the Programmed Death Ligand-1 Rollout. <i>Archives of Pathology and Laboratory Medicine</i> , 2023, 147, 62-70.	1.2	2
579	Neoadjuvant Chemo-Immunotherapy for Locally Advanced Non-Small-Cell Lung Cancer: A Review of the Literature. <i>Journal of Clinical Medicine</i> , 2022, 11, 2629.	1.0	6
580	TCR Coexpression Signature Predicts Immunotherapy Resistance in NSCLC. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	2
581	Predictors of response for hepatocellular carcinoma immunotherapy: is there anything on the horizon?. <i>Expert Review of Precision Medicine and Drug Development</i> , 2022, 7, 50-57.	0.4	1
582	Cellular engagement and interaction in the tumor microenvironment predict non-response to PD-1/PD-L1 inhibitors in metastatic non-small cell lung cancer. <i>Scientific Reports</i> , 2022, 12, .	1.6	1

#	ARTICLE	IF	CITATIONS
583	The risk of PD-L1 expression misclassification in triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 0, , .	1.1	1
584	Cancer germline antigen gene MAGEB2 promotes cell invasion and correlates with immune microenvironment and immunotherapeutic efficiency in laryngeal cancer. <i>Clinical Immunology</i> , 2022, 240, 109045.	1.4	9
585	Radiopharmaceuticals as Novel Immune System Tracers. <i>Advances in Radiation Oncology</i> , 2022, , 100936.	0.6	1
586	Blood Biomarkers of Response to Immune Checkpoint Inhibitors in Non-Small Cell Lung Cancer. <i>Journal of Clinical Medicine</i> , 2022, 11, 3245.	1.0	8
587	Adaptive immune resistance at the tumour site: mechanisms and therapeutic opportunities. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 529-540.	21.5	134
588	Correlation of PD-L1 expression on tumour cells between diagnostic biopsies and surgical specimens of lung cancer in real life with respect to biopsy techniques and neoadjuvant treatment. <i>Journal of Cancer Research and Clinical Oncology</i> , 2023, 149, 1747-1754.	1.2	2
589	Development of a robust radiomic biomarker of progression-free survival in advanced non-small cell lung cancer patients treated with first-line immunotherapy. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
590	Application of molecular imaging in immune checkpoints therapy: From response assessment to prognosis prediction. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 176, 103746.	2.0	1
591	Sensitivity and specificity of amide proton transfer-weighted imaging for assessing programmed death-ligand 1 status in non-small cell lung cancer: a comparative study with intravoxel incoherent motion and 18F-FDG PET. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 4474-4487.	1.1	5
592	Chemical-induced lung tumor in Tg-rasH2 mice: a novel mouse tumor model to assess immune checkpoint inhibitors combined with a chemotherapy drug. <i>Journal of Toxicologic Pathology</i> , 2022, , .	0.3	0
593	¹⁸ F FDG PET/CT and Novel Molecular Imaging for Directing Immunotherapy in Cancer. <i>Radiology</i> , 2022, 304, 246-264.	3.6	14
594	Primary pulmonary lymphoepithelioma-like carcinoma treated with immunotherapy: A case report and literature review. <i>Thoracic Cancer</i> , 0, , .	0.8	4
595	Severe Immune-Related Adverse Events in Patients Treated with Nivolumab for Metastatic Renal Cell Carcinoma Are Associated with PDCD1 Polymorphism. <i>Genes</i> , 2022, 13, 1204.	1.0	7
596	Changes in the Gustave Roussy Immune Score as a Powerful Prognostic Marker of the Therapeutic Sensitivity of Nivolumab in Advanced Gastric Cancer: A Multicenter, Retrospective Study. <i>Annals of Surgical Oncology</i> , 2022, 29, 7400-7406.	0.7	4
597	Efficacy of immune checkpoint inhibitors in non-small cell lung cancer: A systematic review and meta-analysis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
598	Immune-based combination therapy to convert immunologically cold tumors into hot tumors: an update and new insights. <i>Acta Pharmacologica Sinica</i> , 2023, 44, 288-307.	2.8	14
599	Preclinical antibody-PET imaging of PD-L1. <i>Frontiers in Nuclear Medicine</i> , 0, 2, .	0.7	0
600	Neoadjuvant immunoradiotherapy in patients with locally advanced oral cavity squamous cell carcinoma: a retrospective study. <i>Investigational New Drugs</i> , 2022, 40, 1282-1289.	1.2	7

#	ARTICLE	IF	CITATIONS
601	Expression, correlation, and prognostic significance of different nicotinic acetylcholine receptors, programmed death ligand 1, and dopamine receptor D2 in lung adenocarcinoma. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
602	PD-1/PD-L1 inhibitors in treatment-naïve, advanced non-small cell lung cancer patients with high PD-L1 expression: a meta-analysis of randomized controlled trials. <i>Journal of Cancer Research and Clinical Oncology</i> , 0, , .	1.2	3
603	Novel approaches for treatment of endometrial carcinoma. <i>Current Problems in Cancer</i> , 2022, 46, 100895.	1.0	7
604	Concordance of PD-L1 expression in triple-negative breast cancers in Chinese patients: A retrospective and pathologist-based study. <i>Pathology Research and Practice</i> , 2022, 238, 154137.	1.0	1
605	Evaluation of PD-L1 expression in a large set of gastroenteropancreatic neuroendocrine tumours and correlation with clinicopathological data. <i>Translational Oncology</i> , 2022, 25, 101526.	1.7	4
606	Tumoral PD-L1 does not impact time to treatment discontinuation in EGFR mutated non-small cell lung cancer patients treated with EGFR tyrosine kinase inhibitor—a Danish cohort study. <i>Translational Lung Cancer Research</i> , 2022, 11, 1796-1808.	1.3	1
607	Programmed Death-Ligand 1 Expression in Lung Cancer and Paired Brain Metastases—a Single-Center Study in 190 Patients. <i>JTO Clinical and Research Reports</i> , 2022, 3, 100413.	0.6	1
608	Molecular Biomarkers of Response to Cancer Immunotherapy. <i>Clinics in Laboratory Medicine</i> , 2022, 42, 469-484.	0.7	3
609	Biomarkers and immunotherapy: where are we?. <i>Current Opinion in Oncology</i> , 2022, 34, 579-586.	1.1	6
610	Extracellular vesicle-based checkpoint regulation and immune state in cancer. , 2022, 39, .		10
611	Efficacy of bivalent CEACAM6/4-1BBL genetic vaccine combined with anti-PD1 antibody in MC38 tumor model of mice. <i>Heliyon</i> , 2022, 8, e10775.	1.4	0
612	Delta radiomics model for the prediction of progression-free survival time in advanced non-small-cell lung cancer patients after immunotherapy. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	9
613	SOLTI-1904 ACROPOLI TRIAL: efficacy of spartalizumab monotherapy across tumor-types expressing high levels of PD1 mRNA. <i>Future Oncology</i> , 0, , .	1.1	3
614	Cancer Immunotherapy Clinical Trials. , 2022, , 1-24.		0
615	Peripheral blood markers predict immunotherapeutic efficacy in patients with advanced non-small cell lung cancer: A multicenter study. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
616	T lymphocyte subsets and PD-1 expression on lymphocytes in peripheral blood of patients with non-small cell lung cancer. <i>Medicine (United States)</i> , 2022, 101, e31307.	0.4	3
617	Cancer stem cells in immunoregulation and bypassing anti-checkpoint therapy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 156, 113906.	2.5	36
618	The second near-infrared window quantum dot-based fluorescence anisotropy probes for separation-free, sensitive and rapid detection of small extracellular vesicle PD-L1 in plasma samples. <i>Sensors and Actuators B: Chemical</i> , 2023, 376, 132962.	4.0	3

#	ARTICLE	IF	CITATIONS
619	Quantitative Radiological Features and Deep Learning for the Non-Invasive Evaluation of Programmed Death Ligand 1 Expression Levels in Gastric Cancer Patients: A Digital Biopsy Study. <i>Academic Radiology</i> , 2023, 30, 1317-1328.	1.3	4
620	Comparison of 22C3-PD-L1 Expression Between Paired Tumor Paraffin Blocks of Surgical Resection Specimens of Non-small Cell Lung Cancer. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 0, Publish Ahead of Print, .	0.6	0
621	Management of Non-Small Cell Lung Cancer: The Era of Immunotherapy. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 100-107.	3.0	0
622	Predictive biomarkers of colon cancer immunotherapy: Present and future. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	30
624	Treatment of induced oligometastatic disease after partial response to immunochemotherapy in patient with stage IV non-small cell lung cancer and severe toxicity. <i>BMJ Case Reports</i> , 2022, 15, e252590.	0.2	1
625	Influences of intratumoral heterogeneity on assessment of tumor microenvironment in esophageal squamous cell carcinoma. <i>Cancer Science</i> , 0, , .	1.7	1
626	Study of the clinicopathological features of soluble PD-L1 in lung cancer patients. <i>Journal of Rural Medicine: JRM</i> , 2023, 18, 42-49.	0.2	0
627	Tumor-infiltrating lymphocyte: features and prognosis of lymphocytes infiltration on colorectal cancer. <i>Bioengineered</i> , 2022, 13, 14872-14888.	1.4	5
628	Atypical Response in Metastatic Non-Small Cell Lung Cancer Treated with PD-1/PD-L1 Inhibitors: Radiographic Patterns and Clinical Value of Local Therapy. <i>Cancers</i> , 2023, 15, 180.	1.7	0
630	Modeling tumour heterogeneity of PD-L1 expression in tumour progression and adaptive therapy. <i>Journal of Mathematical Biology</i> , 2023, 86, .	0.8	0
631	Examining the Efficacy of Nivolumab for Gastric Cancer Focusing on Using an Inflammation-based Prognostic Score: A Multicenter Retrospective Study. <i>Anticancer Research</i> , 2023, 43, 927-934.	0.5	0
632	Assessing PD-L1 Expression in Different Tumor Types. , 2023, , 1-21.		0
633	Albumin-derived Neutrophil-to-Lymphocyte Ratio Score as a Marker of Nivolumab Treatment Sensitivity in Gastric Cancer: A Multicenter Study. <i>In Vivo</i> , 2023, 37, 818-824.	0.6	0
634	The diverse pancreatic tumor cell-intrinsic response to IFN γ is determined by epigenetic heterogeneity. <i>Cancer Letters</i> , 2023, 562, 216153.	3.2	1
635	A Novel Radiogenomics Biomarker for Predicting Treatment Response and Pneumotoxicity From Programmed Cell Death Protein or Ligand-1 Inhibition Immunotherapy in NSCLC. <i>Journal of Thoracic Oncology</i> , 2023, 18, 718-730.	0.5	8
636	Systemic Inflammation/Nutritional Status Scores Are Prognostic but Not Predictive in Metastatic Non-Small-Cell Lung Cancer Treated with First-Line Immune Checkpoint Inhibitors. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3618.	1.8	6
637	Five years after PACIFIC: update on multimodal treatment efficacy based on real-world reports. <i>Expert Opinion on Investigational Drugs</i> , 2023, 32, 187-200.	1.9	1
638	Efficacy and Prognostic Factors of Immune Checkpoint Inhibitors in the Treatment of Advanced Non-small Cell Lung Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2023, 46, 161-166.	0.6	2

#	ARTICLE	IF	CITATIONS
639	Cross-talk between cancer stem cells and immune cells: potential therapeutic targets in the tumor immune microenvironment. <i>Molecular Cancer</i> , 2023, 22, .	7.9	29
640	Comparative evaluation of <i>PD-L1</i> expression in cytology imprints, circulating tumour cells and tumour tissue in non-small cell lung cancer patients. <i>Molecular Oncology</i> , 2023, 17, 737-746.	2.1	3
641	Immune checkpoint inhibitors in metastatic NSCLC: challenges and future directions (CME article). <i>International Journal of Cancer Care and Delivery</i> , 2023, 3, .	0.0	0
642	Prognostic value of esophageal cancer immune prognostic index in advanced esophageal squamous cell carcinoma patients with anti-programmed cell death-1 therapy. <i>Cancer Medicine</i> , 2023, 12, 11334-11343.	1.3	1
643	Association between response to anti-PD-1 treatment and blood soluble PD-L1 and IL-8 changes in patients with NSCLC. <i>Discover Oncology</i> , 2023, 14, .	0.8	2
644	The Efficacy of Tumor Mutation Burden as a Biomarker of Response to Immune Checkpoint Inhibitors. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6710.	1.8	7
645	Role of Surgical Pathologist for the Detection of Immuno-oncologic Predictive Factors in Non-small Cell Lung Cancers. <i>Advances in Anatomic Pathology</i> , 2023, 30, 174-194.	2.4	0
646	C-reactive protein and lactate dehydrogenase serum levels potentially predict the response to checkpoint inhibitors in patients with advanced non-small cell lung cancer. <i>Journal of Thoracic Disease</i> , 2023, .	0.6	1
692	PD-1/PD-L1 Inhibitors for the Treatment of Lung Cancer. , 2024, , 65-86.		0